

558J
COOLING ONLY/ELECTRIC HEAT PACKAGED ROOFTOP
3 TO 15 TONS



Product Data

LEGACY™
LINE



C08515

(Unit shown with louvered hail guard.)



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Heating & Cooling Systems

The Bryant rooftop unit (RTU) was designed by customers for customers. With no-strip screw collars, handled access panels, and more we've made your unit easy to install, easy to maintain and easy to use.

Easy to install:

All Legacy Line™ units are field-convertible to horizontal air flow which makes it easy to adjust to unexpected job site complications. Lighter units make easy replacement. Most Bryant 558J rooftops fit on existing Bryant curbs dating back to 1989. Also, our large control box gives you room to work and room to mount Bryant accessory controls.

Easy to maintain:

Easy access handles by Bryant provide quick and easy access to all normally serviced components. Our "no-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal. Take accurate pressure readings by reading condenser pressure with panels on. Simply remove the black, composite plug, route your gauge line(s) through the hole, and connect them to the refrigeration service valve(s).

Easy to use:

The newly designed, central terminal board by Bryant puts all your connections and troubleshooting points in one convenient place, standard. Most low voltage connections are made to the same board and make it easy to find what you're looking for and easy to access it. Bryant rooftops have high and low pressure switches, a filter drier, and 2-in (51mm) filters standard.

FEATURES AND BENEFITS

- Single-stage cooling capacity control on 04 to 12 models. Two-stage cooling capacity control on 08 to 16 models.
- SEER's up to 13.0.
- EER's up to 11.3.
- IEER's up to 12.2 with 1-speed indoor fan motor.
- IEER's up to 13.0 with 2-speed/VFD indoor fan motor.
- Up to 28% lighter than similar industry units. Lighter rooftops make easier replacement jobs.
- 3-12.5 ton units fit on existing Bryant rooftop curbs making the utility connections the same. This saves time and money on replacement jobs.
- Standardized components and layout. Standardized components and controls make service and stocking parts easier.
- Scroll compressors on all units. This makes service, stocking parts, replacement, and troubleshooting easier.
- Field convertible airflow (3-12.5 tons). Being able to convert a unit from vertical airflow to horizontal makes it easy to overcome job site complications. 15 ton models requires a simple supply duct cover to field convert from factory vertical to horizontal.
- Easy-adjust, belt-drive motor available. There's no need for field-supplied drives or motors.
- Provisions for bottom or side condensate drain.
- Capable of thru-the-base or thru-the-curb electrical routing.
- Single-point electrical connection.
- Sloped, composite drain pan sheds water; and won't rust.
- Standardized controls and control box layout. Standardized components and controls make stocking parts and service easier.
- Clean, large, easy to use control box.
- Color-coded wiring.
- Large, laminated wiring and power wiring drawings which are affixed to unit make troubleshooting easy.
- Single, central terminal board for test and wiring connections.
- Fast-access, handled, panels for easy access to the blower and blower motor, control box, and compressors.
- "No-strip" screw system guides screws into the panel and captures them tightly without stripping the screw, the panel, or the unit.
- Exclusive, newly-design indoor refrigerant header for easier maintenance and replacement.
- Mechanical cooling (115°F to 40°F or 46°C to 4°C) standard on all models. Winter start kit allows cooling operation down to 25°F (-4°C) and MotorMaster to -20°F (-29°C).
- 2-in (51mm) disposable filters on all units.
- Refrigerant filter-drier on each circuit.
- High and low pressure switches. Added reliability with high pressure switch and low pressure switch.
- Factory-installed Perfect Humidity system on all sizes with round tube/plate fin condenser coils, includes MotorMaster I controller.
- Optional 2-Speed Indoor Fan Motor System utilizes a Variable Frequency Drive (VFD) to automatically adjust the indoor fan motor speed between cooling stages. Available on 2-stage cooling models 08-16 with electromechanical controls or RTU Open.

MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
5	5	8	J	E	0	6	A	0	0	0	A	1	A	0	A	A

Unit Type

558J = Cooling RTU w/opt
Elect Heat Legacy Series

Voltage

E = 460-3-60
J = 208/230-1-60
P = 208/230-3-60
T = 575-3-60

Cooling Tons

04 = 3 Ton
05 = 4 Ton
06 = 5 Ton
07 = 6 Ton
08 = 7.5 Ton
09 = 8.5 Ton
12 = 10 Ton
14 = 12.5 Ton
16 = 15 Ton

Refrig. System Options

A = Standard 1-Stage Cooling model
D = 2-Stage Cooling models 08-16
C = Standard 1-Stage Cooling models/SS Gas HX
G = 1-Stage Cooling/Al HX w/Perfect Humidity (04-07)
K = 2-Stage Cooling/Al Gas HX w/Perfect Humidity 08-16

Heat Level

(Field installed electric heaters available)
000 = No heat

Pkg/2-Speed Indoor Fan Motor

A = Standard Packaging
B = LTL Packaging
D = Std. Pkg/2Spd Indoor Fan mtr.
E = LTL Pkg/2Spd Indoor Fan mtr

Factory Installed Options

0A = None

Outdoor Air Options

A = None
B = Temp econo w/ baro relief & W7212 ctl
E = Temp econo w/ baro relief, CO₂, W7212 ctl
L = Enthalpy econo w/baro relief, CO₂, W7212 ctl
H = Enthalpy econo w/ baro relief & W7212 ctl
Q = Motorized 2 pos damp w/ baro relief
U = Temp Ultra Low Leak econo w/baro relief
W = Enthalpy Ultra Low Leak econo w/baro relief

Indoor Fan Options

1 = Standard static option
2 = Medium static option
3 = High static option
C = High Static Option w/High Efficiency Motor
(Size 16 only)

Coil Options

Models w/Round Tube Plate Fin (RTPF) condenser coil (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu
B = Precoat Al/Cu - Al/Cu
C = E-coat Al/Cu - Al/Cu
D = E-coat Al/Cu - E-coat Al/Cu
E = Cu/Cu - Al/Cu
F = Cu/Cu - Cu/Cu
M = Al/Cu - Al/Cu - Louvered Hail guards
N = Precoat Al/Cu - Al/Cu - Louvered Hail Guards
P = E coat Al/Cu - Al/Cu - Louvered Hail Guards
Q = E coat Al/Cu - E coat Al/Cu - Louvered Hail Guards
R = Cu/Cu - Al/Cu - Louvered Hail Guards
S = Cu/Cu - Cu/Cu - Louvered Hail Guards

Models w/All aluminum, Novation condenser coils (Outdoor - Indoor - Hail Guard)

G = Al/Al - Al/ Cu
H = Al/Al - Cu/Cu
J = Al/Al - E coat Al/Cu
K = E coat Al/Al - Al/ Cu
L = E coat Al/Al - E coat Al/Cu
T = Al/Al - Al/Cu - Louvered Hail Guards
U = Al/Al - Cu/ Cu, Louvered Hail Guards
V = Al/Al - E coat Al/Cu, Louvered Hail Guards
W = E coat Al/Al - Al/ Cu, Louvered Hail Guards
X = E coat Al/Al - E coat Al/Cu, Louvered Hail Guards

Not all possible options can be displayed above - see price pages or contact your Bryant Sales Representative for more details.

***NOTE:** On single phase (J-voltage code) models, the following are not available as a factory-installed option:

Perfect Humidity
Coated Coils or Cu Fin Coils
Louvered Hail Guards
Economizer or 2 Position Damper
Powered 115 Volt Convenience Outlet

Table 1 – FACTORY-INSTALLED OPTIONS AND FIELD-INSTALLED ACCESSORIES

CATEGORY	ITEM	FACTORY INSTALLED OPTION	FIELD INSTALLED ACCESSORY
Cabinet	Supply Duct Cover (16 size only)		X
	Thru-the-base electrical connections	X	X
	Hinged Access Panels	X	
Coil Options	Cu/Cu indoor and/or outdoor coils ^{1, 6}	X	
	Pre-coated outdoor coils ^{1, 6}	X	
	Premium, E-coated outdoor coils ^{1, 6}	X	
Humidity Control	Perfect Humidity System ⁶	X	
Condenser Protection	Condenser coil hail guard (louvered design) ⁶	X	X
Controls	Thermostats, temperature sensors, and subbases		X
	RTU Open – protocol controller	X	
	Smoke detector (supply and/or return air)	X	
	Time Guard II compressor delay control circuit		X
	Phase Monitor		X
Economizers & Outdoor Air Dampers	EconoMi\$er IV (for electromechanical controlled RTUs) ⁶	X	X
	EconoMi\$er2 (for DDC controlled RTUs) ⁶	X	X
	Motorized 2 position outdoor-air damper ⁶	X	X
	Manual outdoor-air damper (25% and 50%)		X
	Barometric relief ²	X	X
	Power exhaust		X
	Ultra Low Leak EconoMi\$er X (for 2-Speed Indoor Fan Motor System only 08 to 16 sizes with 2 stages of cooling), vertical supply and return air only.	X	X
Economizer Sensors & IAQ Devices	Single dry bulb temperature sensors ³	X	X
	Differential dry bulb temperature sensors ³		X
	Single enthalpy sensors ³	X	X
	Differential enthalpy sensors ³		X
	CO ₂ sensor (wall, duct, or unit mounted) ³	X	X
Electric Heat	Electric Resistance Heaters		X
	Single Point Kit		X
Indoor Motor & Drive	Multiple motor and drive packages	X	
	2-Speed Indoor Fan Motor System w/VFD controller (2-stage cool only with electrical mechanical and RTU Open controls)	X	
	Display Kit for 2-Speed Indoor Fan Motor System with VFD		X
Low Ambient Control	Winter start kit ⁴		X
	Motormaster® head pressure controller ⁴		X
Power Options	Convenience outlet (powered) ⁶	X	
	Convenience outlet (unpowered)	X	
	Non-fused disconnect ⁵	X	
	Disconnect Switch Bracket (16 size only)		X
Roof Curbs	Roof curb 14-in (356mm)		X
	Roof curb 24-in (610mm)		X

NOTES:

1. Novation coated coils are only available with E-coat.
2. Included with economizer.
3. Sensors for optimizing economizer.
4. See application data for assistance.
5. Available on units with MOCP's of 80 amps or less.
6. Not available as factory installed option on single phase (208/230/1/60) models. Use field-installed accessory where available.

FACTORY OPTIONS AND/OR ACCESSORIES

Economizer (dry-bulb or enthalpy)

Economizers save money. They bring in fresh, outside air for ventilation; and provide cool, outside air to cool your building. This is the preferred method of low ambient cooling. When coupled to CO₂ sensors, Economizers can provide even more savings by coupling the ventilation air to only that amount required.

Economizers are available, installed and tested by the factory, with either enthalpy or dry-bulb temperature inputs. There are also models for electromechanical as well as direct digital controllers. Additional sensors are available as accessories to optimize the economizers.

Economizers include gravity controlled, barometric relief which equalizes building pressure and ambient air pressures. This can be a cost effective solution to prevent building pressurization.

CO₂ Sensor

Improves productivity and saves money by working with the economizer to intake only the correct amount of outside air for ventilation. As occupants fill your building, the CO₂ sensor detects their presence through increasing CO₂ levels, and opens the economizer appropriately.

When the occupants leave, the CO₂ levels decrease, and the sensor appropriately closes the economizer. This intelligent control of the ventilation air, called Demand Control Ventilation (DCV) reduces the overall load on the rooftop, saving money.

Smoke Detectors

Trust the experts. Smoke detectors make your application safer and your job easier. Bryant smoke detectors immediately shut down the rooftop unit when smoke is detected. They are available, installed by the factory, for supply air, return air, or both.

Louvered Hail Guards

Sleek, louvered panels protect the condenser coil from hail damage, foreign objects, and incidental contact.

Convenience Outlet (powered or un-powered)

Reduce service and/or installation costs by including a convenience outlet in your specification. Bryant will install this service feature at our factory. Provides a convenient, 15 amp, 115v GFCI receptacle with “Wet in Use” cover. The “powered” option allows the installer to power the outlet from the line side of the disconnect or load side as required by code. The “unpowered” option is to be powered from a separate 115/120v power source.

Non-fused Disconnect

This OSHA-compliant, factory-installed, safety switch allows a service technician to locally secure power to the rooftop.

Disconnect Switch Bracket

Provides a pre-engineered and sized mounting bracket for applications requiring a unit mounted fused and non-fused disconnect of greater than 100 amps. Bracket assures that no damage will occur to coils when mounting with screws and other fasteners (16 size only).

Power Exhaust with Barometric Relief

Superior internal building pressure control. This field-installed accessory may eliminate the need for costly, external pressure control fans.

RTU Open, Multi-protocol Controller

Connect the rooftop to an existing BAS without needing complicated translators or adapter modules using the RTU Open controller. This new controller speaks the 4 most common building automation system languages (Bacnet, Modbus, N2, and Lonworks). Use this controller when you have an existing BAS.

Time Guard II Control Circuit

This accessory protects your compressor by preventing short-cycling in the event of some other failure, prevents the compressor from restarting for 30 seconds after stopping. Not required with RTU Open or authorized commercial thermostats.

Filter or Fan Status Switches

Use these differential pressure switches to detect a filter clog or indoor fan motor failure. When used in conjunction with a compatible unit controller/thermostat, the switches will activate an alarm to warn the appropriate personnel.

Motorized 2-Position Damper

The new Bryant 2-position, motorized outdoor air damper admits up to 100% outside air. Using reliable, gear-driven technology, the 2-position damper opens to allow ventilation air and closes when the rooftop stops, stopping unwanted infiltration.

Manual OA Damper

Manual outdoor air dampers are an economical way to bring in ventilation air. The dampers are available in 25% and 50% versions.

FACTORY OPTIONS AND/OR ACCESSORIES (cont.)

Optional Perfect Humidity System

Bryant's Perfect Humidity System is an all-inclusive factory-installed option that can be ordered with any Legacy Line 558J 04-16 rooftop unit.

This system expands the envelope of operation of Bryant's Legacy Line rooftop products to provide unprecedented flexibility to meet year-round comfort conditions.

The Perfect Humidity System has the industry's only dual dehumidification mode setting. The Perfect Humidity System includes two new modes of operation.

The Legacy Line 558J 04-16 rooftop coupled with the Perfect Humidity system is capable of operating in normal design cooling mode, subcooling mode, and hot gas reheat mode. Normal design cooling mode is when the unit will operate under its normal sequence of operation by cycling compressors to maintain comfort conditions.

Subcooling mode will operate to satisfy part load type conditions when the space requires combined sensible and a higher proportion of latent load control. Hot Gas Reheat mode will operate when outdoor temperatures diminish and the need for latent capacity is required for sole humidity control. Hot Gas Reheat mode will provide neutral air for maximum dehumidification operation.

2-Speed Indoor Fan Speed Motor System

Bryant's 2-Speed Indoor Fan Motor System saves energy and installation time by utilizing a Variable Frequency Drive (VFD) to automatically adjust the indoor fan motor speed in sequence with the units cooling operation. Per ASHRAE 90.1 2010 standard section 6.4.3.10.b, during the first stage of cooling operation the VFD will adjust the fan motor to provide 2/3rd of the total cfm established for the unit. When a call for the second stage of cooling is required, the VFD will allow the total cfm for the unit established (100%). During the heating mode the VFD will allow total design cfm (100%) operation and during the ventilation mode the VFD will allow operation to 2/3rd of total cfm.

Compared to 1-speed indoor fan motor systems, Bryant's 2-Speed Indoor Fan Motor System can save substantial energy, 25%+*, versus 1-speed indoor fan motor systems.

The VFD used in Bryant's 2-Speed Indoor Fan Motor System has soft start capabilities to slowly ramp up the speeds, thus eliminating any high inrush air volume during initial start-up. It also has internal over-current protection for the fan motor and a field installed display kit that allows adjustment and in depth diagnostics of the VFD.

This 2-Speed Indoor Fan Motor System is available on models with 2-stage cooling operation with electromechanical or RTU Open, Multi Protocol controls. Both space sensor and conventional thermostats/controls can be used to provide accurate control in any application.

The 2-Speed Indoor Fan Motor System is very flexible for initial fan performance set up and adjustment. The standard factory shipped VFD is pre-programmed to automatically stage the fan speed between the first and second stage of cooling. The unit fan performance static pressure and cfm can be easily adjusted using the traditional means of pulley adjustments. The other means to adjust the unit static and cfm performance is to utilize the field installed Display Kit and adjust the frequency and voltage in the VFD to performance requirements. In either case, once set up, the VFD will automatically adjust the speed between the cooling stage operations.

*Data based on .10 (\$/kWh) utilizing Bryant's HAP 4.6 simulation software program

Motormaster Head Pressure Controller

The Motormaster motor controller is a low ambient, head pressure controller kit that is designed to maintain the unit's condenser head pressure during periods of low ambient cooling operation. This device should be used as an alternative to economizer free cooling when economizer usage is either not appropriate or desired. The Motormaster will either cycle the outdoor fan motors or operate them at reduced speed to maintain the unit operation, depending on the model.

Hinged Access Panels

Allows access to unit's major components with specifically designed hinged access panels. Panels are: filters, control box, fan motor and compressor.

Winter Start Kit

The winter start kit by Bryant extends the low ambient limit of your rooftop to 25°F (-4°C). The kit bypasses the low pressure switch, preventing nuisance tripping of the low pressure switch. Other low ambient precautions may still be prudent.

Alternate Motors and Drives

Some applications need larger horsepower motors, some need more airflow, and some need both. Regardless of the case, your Bryant sales representative has a factory installed combination to meet your application. A wide selection of motors and pulleys (drives) are available, factory installed, to handle nearly any application.

Thru-the-Base Connections

Thru-the-base connections, available as either an accessory or as a factory option, are necessary to ensure proper connection and seal when routing wire and piping through the rooftop's basepan and curb. These couplings eliminate roof penetration and should be considered for gas lines, main power lines, as well as control power.

FACTORY OPTIONS AND/OR ACCESSORIES (cont.)

Electric Heaters

Bryant offers a full-line of field-installed accessory heaters. The heaters are very easy to use, install and are all pre-engineered and certified.

Supply Duct Cover

This supply duct cover is required when field converting the factory standard vertical duct supply to horizontal duct supply configuration. One required per unit (16 size only).

Table 2 – AHRI COOLING RATING TABLES

UNIT	COOLING STAGES	NOM. CAPACITY (TONS)	NET COOLING CAPACITY (MBH)	TOTAL POWER (KW)	SEER	EER	IEER
A04	1	3	34.6	3.1	13.00	11.00	N/A
A05	1	4	45.0	4.0	13.00	11.00	N/A
A06	1	5	59.0	5.5	13.00	10.75	N/A
A07	1	6	70.0	6.4	N/A	11.20	11.4
A08	1	7.5	88.0	8.0	N/A	11.20	11.4
A09	1	8.5	97.0	8.8	N/A	11.20	11.4
A12	1	10	117.0	10.6	N/A	11.20	11.4

UNIT	COOLING STAGES	NOM. CAPACITY (TONS)	NET COOLING CAPACITY (MBH)	TOTAL POWER (KW)	SEER	EER	IEER WITH 1-SPEED INDOOR FAN MOTOR	IEER WITH 2-SPEED INDOOR FAN MOTOR
D08	2	7.5	83.0	7.4	N/A	11.20	11.7	13.0
D09	2	8.5	99.0	8.8	N/A	11.20	11.7	13.0
D12	2	10	114.0	10.1	N/A	11.30	12.2	13.0
D14	2	12.5	140.0	12.7	N/A	11.00	11.2	12.0
D16	2	15	174.0	15.8	N/A	11.00	11.5	12.6

LEGEND

- AHRI – Air Conditioning, Heating and Refrigeration Institute
- ASHRAE – American Society of Heating, Refrigerating and Air Conditioning, Inc.
- EER – Energy Efficiency Ratio
- IEER – Integrated Energy Efficiency Ratio
- SEER – Seasonal Energy Efficiency Ratio

NOTES

1. Rated and certified under AHRI Standard 210/240 or 340/360, as appropriate.
2. Ratings are based on:
Cooling Standard: 80°F (27°C) db, 67°F (19°C) wb indoor air temp and 95°F db outdoor air temp.
IEER Standard: A measure that expresses cooling part-load EER efficiency for commercial unitary air conditioning and heat pump equipment on the basis of weighted operation at various load capacities.
3. All 558J units comply with ASHRAE 90.1 Energy Standard for minimum SEER and EER requirements.
4. Where appropriate, 558J units comply with US Energy Policy Act (2005). Refer to state and local codes.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



Table 3 – MINIMUM - MAXIMUM AIRFLOWS COOLING AND ELECTRIC HEAT

UNIT	COOLING				ELECTRIC HEATERS	
	Minimum Single Speed Fan Motor	Minimum 2–speed Fan Motor (at high speed)	Minimum 2–speed Fan Motor (at low speed)	Maximum	Minimum	Maximum
558J*04	900	–	–	1500	900	1500
558J*05	1200	–	–	2000	1200	2000
558J*06	1500	–	–	2500	1500	2500
558J*07	1800	–	–	3000	1800	3000
558J*08	2250	2250	1485	3750	2250*	3750
558J*09	2550	2873	1896	4250	2550*	4250
558J*12	3000	3380	2231	5000	3000*	5000
558J*14	3600	4225	2789	6000	3000*	6000
558J*16	4500	5625	3713	7500	4500	7500

* Minimum electric heat CFM exceptions :

UNIT	UNIT VOLTAGE	HEATER KW	UNIT CONFIGURATION	REQUIRED MINIMUM CFM
558J*12 558J*14	208/230	42.4	Horizontal	3200
558J*12 558J*14	208/230	50.0	Horizontal	3200
558J*12 558J*14	460	50.0	Horizontal or Vertical	3200
558J*08	575	17.0	Horizontal or Vertical	2800
558J*09 558J*12 558J*14	575	34.0	Horizontal or Vertical	2350

Table 4 – SOUND PERFORMANCE TABLE

UNIT	COOLING STAGES	OUTDOOR SOUND (dB)								
		A-WEIGHTED	63	125	250	500	1000	2000	4000	8000
A04	1	80	90.6	80.9	80.2	76	74.6	71.3	68.5	63.9
A05	1	81	90.9	84.6	79.5	77.9	76.5	71.1	66.9	62.5
A06	1	78	84.0	82.2	76.3	74.8	72.5	68.8	65.6	61.8
A07	1	78	88.8	81.8	76.9	74.4	73.3	69.8	66.3	62.7
A08	1	82	90.1	82.6	81.0	79.4	77.0	73.0	70.4	66.7
D08	2	82	85.8	84.3	80.5	78.7	76.4	72.7	68.3	65.1
A09	1	83	91.2	86.4	81.9	81.0	78.3	73.9	71.4	67.3
D09	2	82	88.6	85.0	81.6	79.5	77.4	74.1	71.0	66.3
A12	1	82	88.6	85.0	81.6	79.5	77.4	74.1	71.0	66.3
D12	2	82	89.0	83.1	80.5	78.5	75.5	71.6	69.6	69.3
D14	2	87	87.0	85.2	84.6	84.9	82.2	78.4	75.3	72.9
D16	2	87	87.0	85.2	84.6	84.9	82.2	78.4	75.3	72.9

LEGEND

dB – Decibel



NOTES:

1. Outdoor sound data is measure in accordance with AHRI standard 270–2008.
2. Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure accounts for specific environmental factors which do not match individual applications. Sound power values are independent of the environment and therefore more accurate.
3. A-weighted sound ratings filter out very high and very low frequencies, to better approximate the response of an “average” human ear. A-weighted measurements for Bryant units are taken in accordance with 270–2008.

Table 5 – PHYSICAL DATA

(COOLING)

3 - 6 TONS

		558J 04	558J 05	558J 06	558J 07
Refrigeration System					
# Circuits / # Comp. / Type		1 / 1 / Scroll	1 / 1 / Scroll	1 / 1 / Scroll	1 / 1 / Scroll
Puron® refrig. (R-410A) (lbs-oz)		5-10	8-8	10-11	14-2
Perfect Humidity Puron® refrig. charge A/B (lbs - oz)		8-11	14-13	16-0	22-5
Metering Device		Acutrol	Acutrol	Acutrol	Acutrol
High-press. Trip / Reset (psig)		630 / 505	630 / 505	630 / 505	630 / 505
Low-press. Trip / Reset (psig)		54 / 117	54 / 117	54 / 117	54 / 117
Compressor Capacity Staging (%)		100%	100%	100%	100%
Evap. Coil					
Material (Tube/Fin)		Cu / Al	Cu / Al	Cu / Al	Cu / Al
Coil type		3/8-in RTPF	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI		2 / 15	2 / 15	4 / 15	4 / 15
Total Face Area (ft ²)		5.5	5.5	5.5	7.3
Condensate Drain Conn. Size		3/4-in	3/4-in	3/4-in	3/4-in
Evap. Fan and Motor					
Standard Static 1 phase	Motor Qty / Drive Type	1 / Belt	1 / Belt	1 / Belt	-
	Max BHP	1.2	1.2	1.2	-
	RPM Range	560-854	560-854	770-1175	-
	Motor Frame Size	48	48	48	-
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	-
	Fan Diameter (in)	10 x 10	10 x 10	10 x 10	-
Medium Static 1 phase	Motor Qty / Drive Type	1 / Belt	1 / Belt	1 / Belt	-
	Max BHP	1.2	1.2	1.5	-
	RPM Range	770-1175	770-1175	1035-1466	-
	Motor Frame Size	48	48	56	-
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	-
	Fan Diameter (in)	10 x 10	10 x 10	10 x 10	-
Standard Static 3 phase	Motor Qty / Drive Type	1 / Belt	1 / Belt	1 / Belt	1 / Belt
	Max BHP	1.2	1.2	1.5	2.4
	RPM Range	560-854	560-854	770-1175	1073-1457
	Motor Frame Size	48	48	48	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	10 x 10	10 x 10	10 x 10	10 x 10
Medium Static 3 phase	Motor Qty / Drive Type	1 / Belt	1 / Belt	1 / Belt	1 / Belt
	Max BHP	1.2	1.2	2.4	2.9*
	RPM Range	770-1175	770-1175	1035-1466	1173-1518
	Motor Frame Size	48	48	56	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	10 x 10	10 x 10	10 x 10	10 x 10
High Static 3 phase	Motor Qty / Drive Type	1 / Belt	1 / Belt	1 / Belt	1 / Belt
	Max BHP	2.4	2.4	2.9	3.7
	RPM Range	1035-1466	1035-1466	1303-1687	1474-1788
	Motor Frame Size	56	56	56	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	10 x 10	10 x 10	10 x 10	10 x 10
Cond. Coil					
Material (Tube/Fin)		Cu / Al	Cu / Al	Cu / Al	Cu / Al
Coil type		3/8-in RTPF	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI		1 / 17	2 / 17	2 / 17	2 / 17
Total Face Area (ft ²)		14.6	16.5	16.5	21.3
Perfect Humidity Coil					
Material (Tube/Fin)		Cu / Al	Cu / Al	Cu / Al	Cu / Al
Rows..Fins/in.		1 / 17	2 / 17	2 / 17	2 / 17
Total Face Area (ft ²)		3.9	3.9	3.9	5.2
Cond. fan / motor					
Qty / Motor Drive Type		1/ Direct	1/ Direct	1/ Direct	1/ Direct
Motor HP / RPM		1/4 / 1100	1/4 / 1100	1/4 / 1100	1/4 / 1100
Fan diameter (in)		22	22	22	22
Filters					
RA Filter # / Size (in)		2 / 16 x 25 x 2	2 / 16 x 25 x 2	2 / 16 x 25 x 2	4 / 16 x 16 x 2
OA inlet screen # / Size (in)		1 / 20 x 24 x 1	1 / 20 x 24 x 1	1 / 20 x 24 x 1	1 / 20 x 24 x 1

NOTE: Perfect Humidity is not available with Novation condenser coil models, only Round Tube / Plate Fin (RTPF).

* 575V motor utilizes 3.7 BHP.

Table 5 - PHYSICAL DATA (cont.)

(COOLING)

7.5 - 8.5 TONS

Refrigeration System		558J 08	558J 08	558J 09	558J 09
# Circuits / # Comp. / Type		1 / 1 / Scroll	2 / 2 / Scroll	1 / 1 / Scroll	2 / 2 / Scroll
RTPF models R-410a charge A/B (lbs - oz)		13 - 12	8 - 5 / 8 - 2	15 - 4	10 - 5 / 10 - 12
Alternate (MCHX) R-410a charge A/B (lbs - oz)			4 - 6 / 4 - 6		
Alternate (Perfect Humidity) R-410a charge A/B (lbs-oz)			13 - 3 / 13 - 3		16 - 13 / 16 - 13
Metering device		Acutrol	Acutrol	Acutrol	Acutrol
High-press. Trip / Reset (psig)		630 / 505	630 / 505	630 / 505	630 / 505
Low-press. Trip / Reset (psig)		54 / 117	54 / 117	54 / 117	54 / 117
Compressor Capacity Staging (%)		100%	50% / 100%	100%	50% / 100%
Evap. Coil					
Material		Cu / Al	Cu / Al	Cu / Al	Cu / Al
Coil type		3/8-in RTPF	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI		3 / 15	3 / 15	3 / 15	3 / 15
Total face area (ft ²)		8.9	8.9	11.1	11.1
Condensate drain conn. size		3/4-in	3/4-in	3/4-in	3/4-in
Perfect Humidity Coil					
Material		-	Cu / Al	-	Cu / Al
Coil type		-	3/8-in RTPF	-	3/8-in RTPF
Rows / FPI		-	2 / 17	-	2 / 17
Total face area (ft ²)		-	6.3	-	8.4
Evap. fan and motor					
Standard Static 3 phase	Motor Qty / Drive Type	1 / Belt	1 / Belt	1 / Belt	1 / Belt
	Max BHP	1.7	1.7	1.7	1.7
	RPM range	489-747	489-747	518-733	518-733
	Motor frame size	56	56	56	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	15 x 15	15 x 15	15 x 15	15 x 15
Medium Static 3 phase	Motor Qty / Drive type	1 / Belt	1 / Belt	1 / Belt	1 / Belt
	Max BHP	2.9	2.9	2.4	2.4
	RPM range	733-949	733-949	690-936	690-936
	Motor frame size	56	56	56	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	15 x 15	15 x 15	15 x 15	15 x 15
High Static 3 phase	Motor Qty / Drive type	1 / Belt	1 / Belt	1 / Belt	1 / Belt
	Max BHP	4.7	4.7	3.7	3.7
	RPM range	909-1102	909-1102	838-1084	838-1084
	Motor frame size	14	14	56	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	15 x 15	15 x 15	15 x 15	15 x 15
Cond. Coil					
Material		Cu / Al	Cu / Al	Cu / Al	Cu / Al
Coil type		3/8-in RTPF	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI		2 / 17	2 / 17	2 / 17	2 / 17
Total face area (ft ²)		20.5	20.5	21.4	25.1
Alternate (MCHX) Cond. Coil					
Material		-	Al / Al	-	-
Coil type		-	Novation™	-	-
Rows / FPI		-	1 / 20	-	-
Total face area (ft ²)		-	20.5	-	-
Cond. fan / motor					
Qty / Motor drive type		2 / direct	2 / direct	2 / direct	2 / direct
Motor HP / RPM		1/4 / 1100	1/4 / 1100	1/4 / 1100	1/4 / 1100
Fan diameter (in)		22	22	22	22
Filters					
RA Filter # / Size (in)		4 / 16 x 20 x 2	4 / 16 x 20 x 2	4 / 16 x 20 x 2	4 / 16 x 20 x 2
OA inlet screen # / Size (in)		1 / 20 x 24 x 1	1 / 20 x 24 x 1	1 / 20 x 24 x 1	1 / 20 x 24 x 1

NOTE: Perfect Humidity is not available with Novation condenser coil models, only Round Tube/Plate Fin (RTPF).

Table 5 - PHYSICAL DATA (cont.)

(COOLING)

10 - 15 TONS

	558J 12	558J 12	558J 14	558J 16
Refrigeration System				
# Circuits / # Comp. / Type	1 / 1 / Scroll	2 / 2 / Scroll	2 / 2 / Scroll	2 / 2 / Scroll
RTPF models R-410a charge A/B (lbs - oz)	20 - 0	10 - 5 / 10 - 3	11 - 0 / 11 - 6	15 - 14/16 - 12
Alternate (MCHX) R-410a charge A/B (lbs - oz)	-	6 - 0 / 6 - 0	7 - 6 / 8 - 0	-
Alternate (Perfect Humidity) R-410a charge A/B (lbs-oz)	-	16 - 10 / 16 - 0	17 - 10 / 18 - 3	-
Metering device	Acutrol	Acutrol	Acutrol	Acutrol
High-press. Trip / Reset (psig)	630 / 505	630 / 505	630 / 505	630 / 505
Low-press. Trip / Reset (psig)	54 / 117	54 / 117	54 / 117	54 / 117
Compressor Capacity Staging (%)	100%	50% / 100%	50% / 100%	50% / 100%
Evap. Coil				
Material	Cu / Al	Cu / Al	Cu / Al	Cu / Al
Coil type	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI	4 / 15	4 / 15	4 / 15	3 / 15
Total face area (ft ²)	11.1	11.1	11.1	17.5
Condensate drain conn. size	3/4-in	3/4-in	3/4-in	3/4-in
Perfect Humidity Coil				
Material	-	Cu / Al	Cu / Al	Cu / Al
Coil type	-	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI	-	2 / 17	2 / 17	1 / 17
Total face area (ft ²)	-	8.4	8.4	13.8
Evap. fan and motor				
Standard Static 3 phase	Motor Qty / Drive type	1 / Belt	1 / Belt	1 / Belt
	Max BHP	2.4	2.4	2.9
	RPM range	591-838	591-838	652-843
	Motor frame size	56	56	56
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
Medium Static 3 phase	Fan Diameter (in)	15 x 15	15 x 15	15 x 15
	Motor Qty / Drive type	1 / Belt	1 / Belt	1 / Belt
	Max BHP	3.7	3.7	3.7
	RPM range	838-1084	838-1084	838-1084
	Motor frame size	56	56	56
High Static 3 phase	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	15 x 15	15 x 15	15 x 15
	Motor Qty / Drive type	1 / Belt	1 / Belt	1 / Belt
	Max BHP	4.7	4.7	4.7
	RPM range	1022-1240	1022-1240	1022-1240
	Motor frame size	14	14	14
	Fan Qty / Type	1 / Centrifugal	1 / Centrifugal	1 / Centrifugal
	Fan Diameter (in)	15 x 15	15 x 15	15 x 15
Cond. Coil				
Material	Cu / Al	Cu / Al	Cu / Al	Cu / Al
Coil type	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF	3/8-in RTPF
Rows / FPI	2 / 17	2 / 17	3 / 17	2/17
Total face area (ft ²)	25.1	25.1	25.1	2 @ 23.1
Alternate (MCHX) Cond. Coil				
Material	-	Al / Al	Al / Al	-
Coil type	-	Novation™	Novation™	-
Rows / FPI	-	1 / 20	2 / 20	-
Total face area (ft ²)	-	25.1	25.1	-
Cond. fan / motor				
Qty / Motor drive type	2 / direct	2 / direct	1 / direct	3 / direct
Motor HP / RPM	1/4 / 1100	1/4 / 1100	1 / 1175	1/4 / 1100
Fan diameter (in)	22	22	30	22
Filters				
RA Filter # / Size (in)	4 / 20 x 20 x 2	4 / 20 x 20 x 2	4 / 20 x 20 x 2	6 / 18 x 24 x 2
OA inlet screen # / Size (in)	1 / 20 x 24 x 1	1 / 20 x 24 x 1	1 / 20 x 24 x 1	2 / 24 x 27 x 1 (vert.) 1 / 30 x 39 x 1 (horiz)

NOTE: Perfect Humidity is not available with Novation condenser coil models, only Round Tube/Plate Fin (RTPF) up to 16 size.

CURBS, WEIGHTS & DIMENSIONS

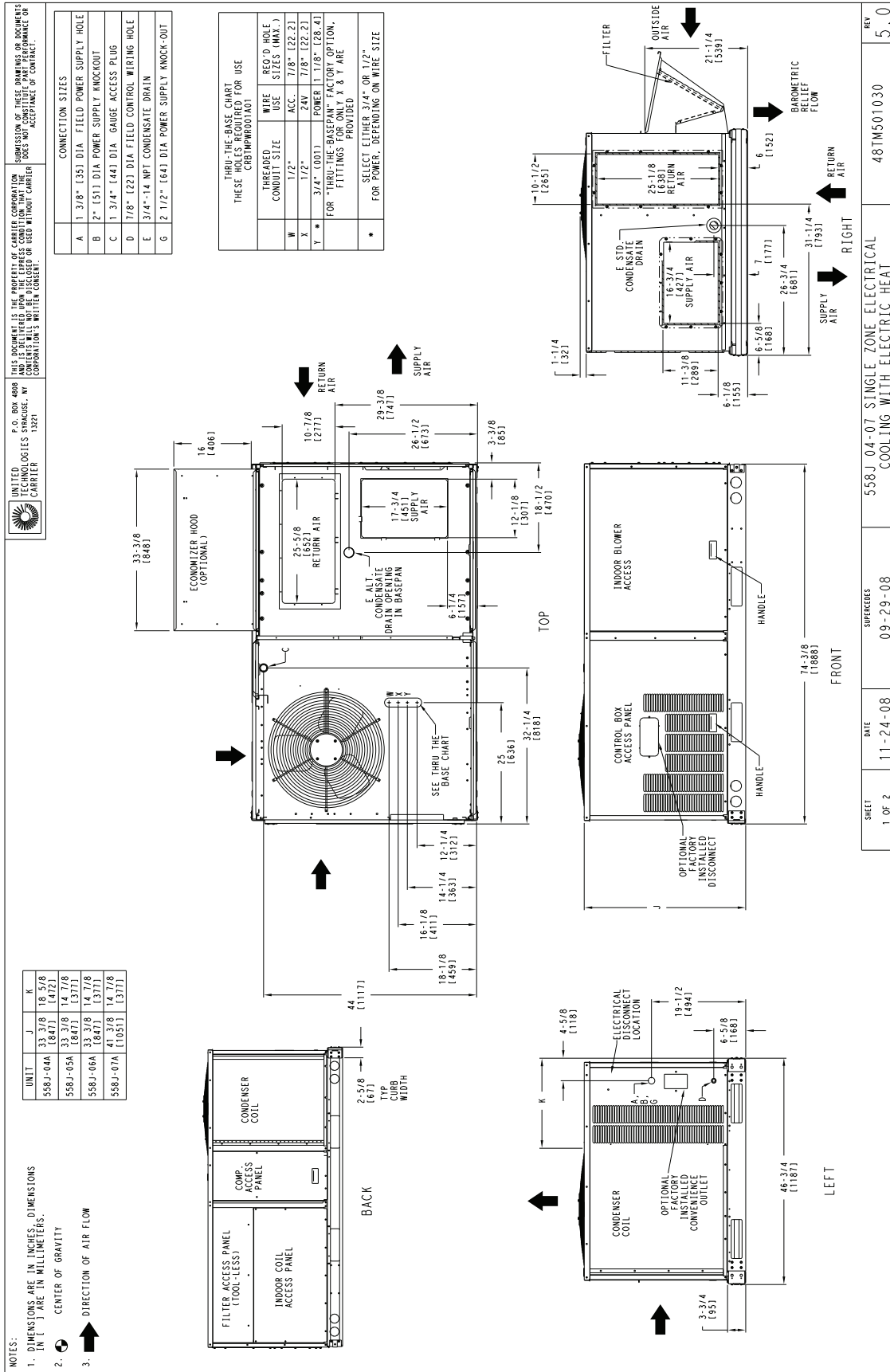
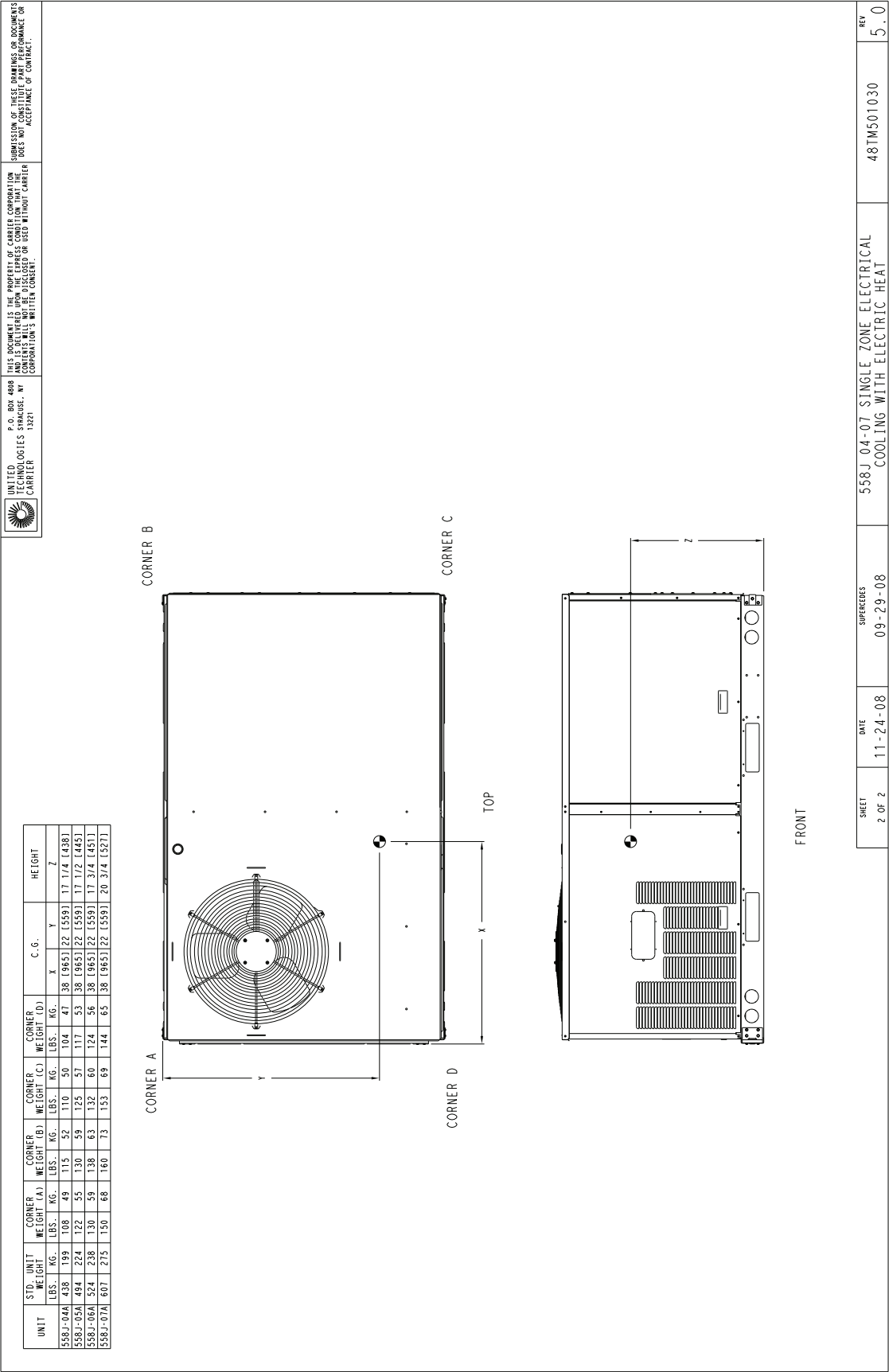


Fig. 1 - Dimensions 558J 04-07

CURBS, WEIGHTS & DIMENSIONS (cont.)



CURBS, WEIGHTS & DIMENSIONS (cont.)

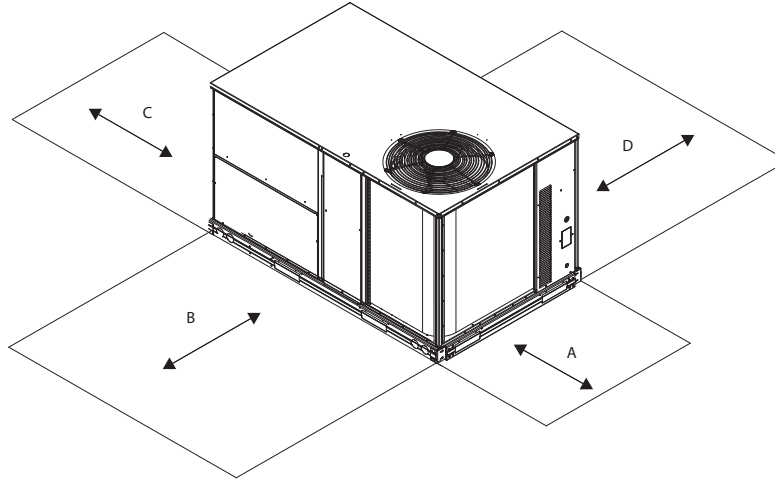


Fig. 3 - Service Clearance

C08337

LOC	DIMENSION	CONDITION
A	48-in (1219 mm)	Unit disconnect is mounted on panel
	18-in (457 mm)	No disconnect, convenience outlet option
	18-in (457 mm)	Recommended service clearance
	12-in (305 mm)	Minimum clearance
B	42-in (1067 mm)	Surface behind servicer is grounded (e.g., metal, masonry wall)
	36-in (914 mm)	Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass)
	Special	Check for sources of flue products within 10-ft of unit fresh air intake hood
C	36-in (914 mm)	Side condensate drain is used
	18-in (457 mm)	Minimum clearance
D	42-in (1067 mm)	Surface behind servicer is grounded (e.g., metal, masonry wall, another unit)
	36-in (914 mm)	Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass)

NOTE: Unit not designed to have overhead obstruction. Contact Application Engineering for guidance on any application planning overhead obstruction or vertical clearances.

CURBS, WEIGHTS & DIMENSIONS (cont.)

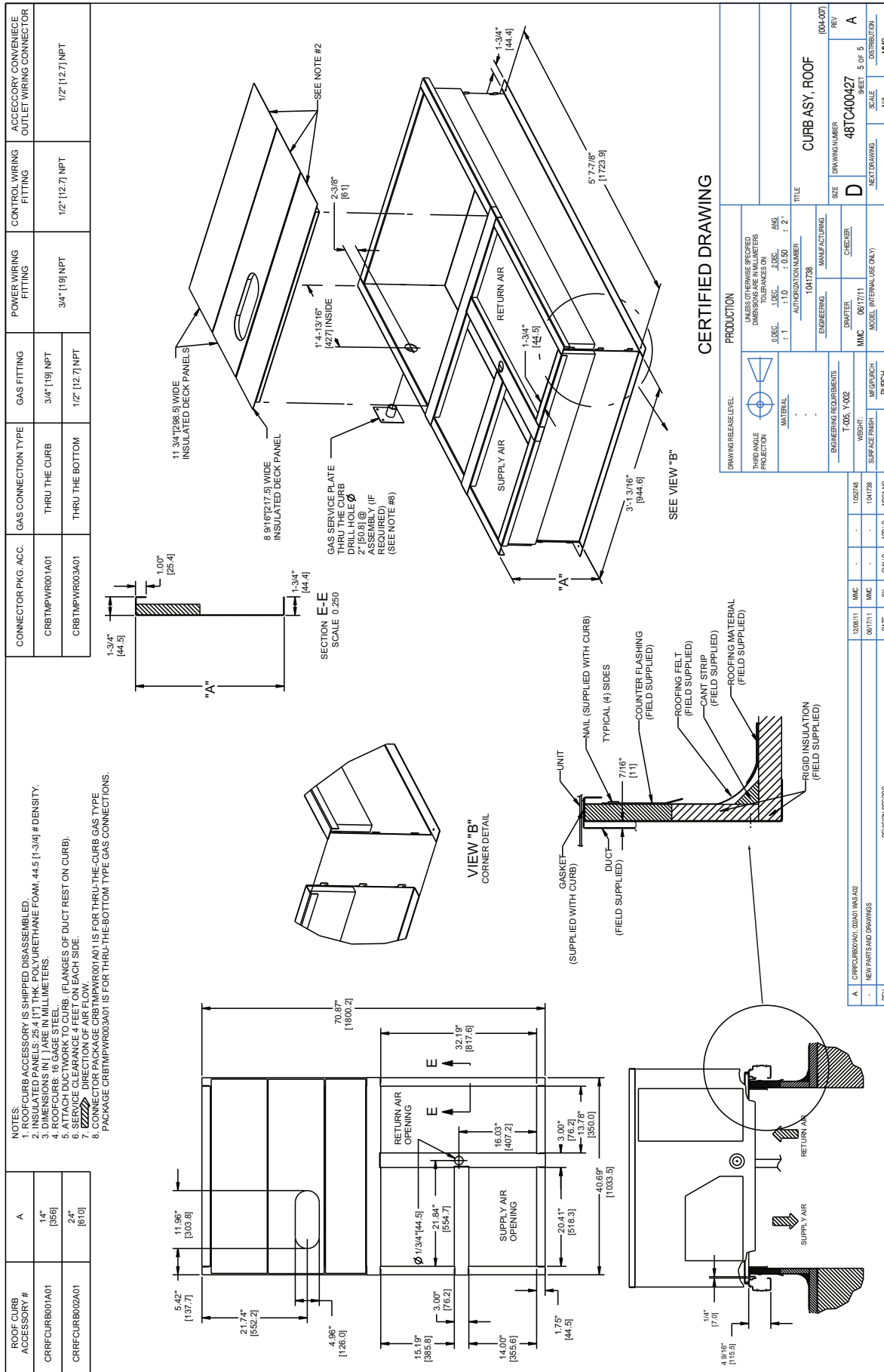


Fig. 4 - Roof Curb Details 558J 04-07

CURBS, WEIGHTS & DIMENSIONS (cont.)

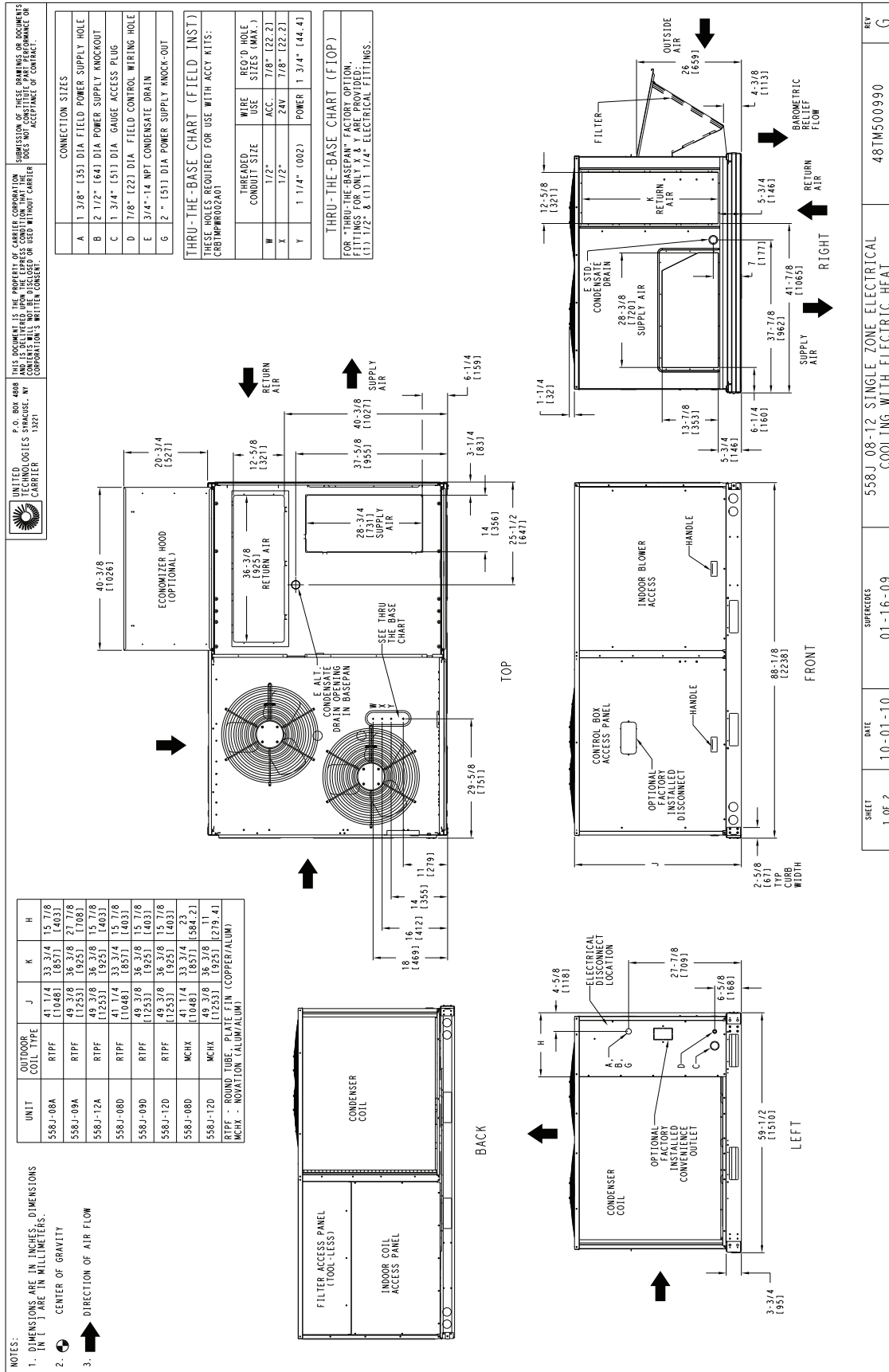


Fig. 5 - Dimensions 558J 08-12

CURBS, WEIGHTS & DIMENSIONS (cont.)

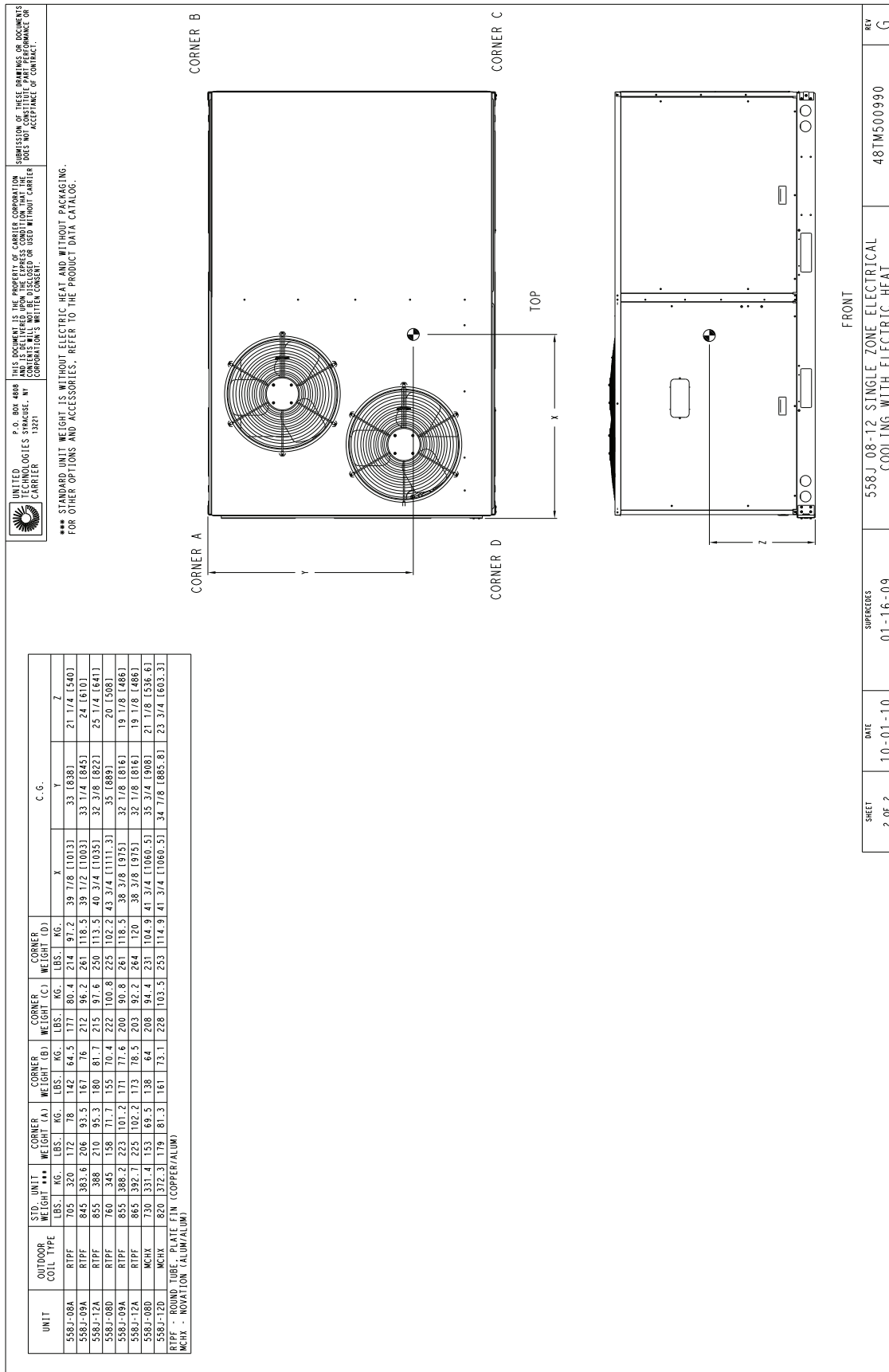


Fig. 6 - Dimensions 558J 08-12

C101258

CURBS, WEIGHTS & DIMENSIONS (cont.)

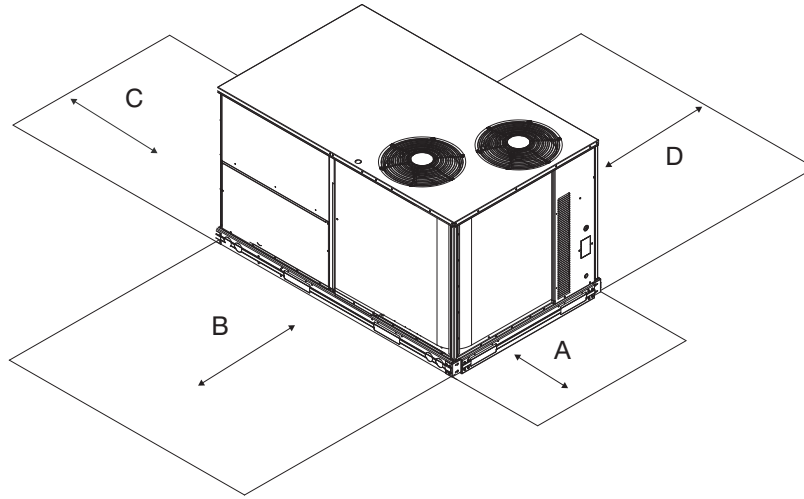


Fig. 7 - Service Clearance

C11247

LOC	DIMENSION	CONDITION
A	48-in (1219 mm)	Unit disconnect is mounted on panel
	36-in (914 mm)	If dimension - B is 12-in (305 mm)
	18-in (457 mm)	No disconnect, convenience outlet option
	18-in (457 mm)	Recommended service clearance (use electric screwdriver)
	12-in (305 mm)	Minimum clearance (use manual ratchet screwdriver)
B	36-in (914 mm)	Unit has economizer
	12-in (305 mm)	If dimension - A is 36-in (914 mm)
	Special	Check for sources of flue products within 10-ft of unit fresh air intake hood
C	36-in (914 mm)	Side condensate drain is used
	18-in (457 mm)	Minimum clearance
D	42-in (1067 mm)	Surface behind servicer is grounded (e.g., metal, masonry wall, another unit)
	36-in (914 mm)	Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass)

NOTE: Unit not designed to have overhead obstruction. Contact Application Engineering for guidance on any application planning overhead obstruction or vertical clearances.

CURBS, WEIGHTS & DIMENSIONS (cont.)

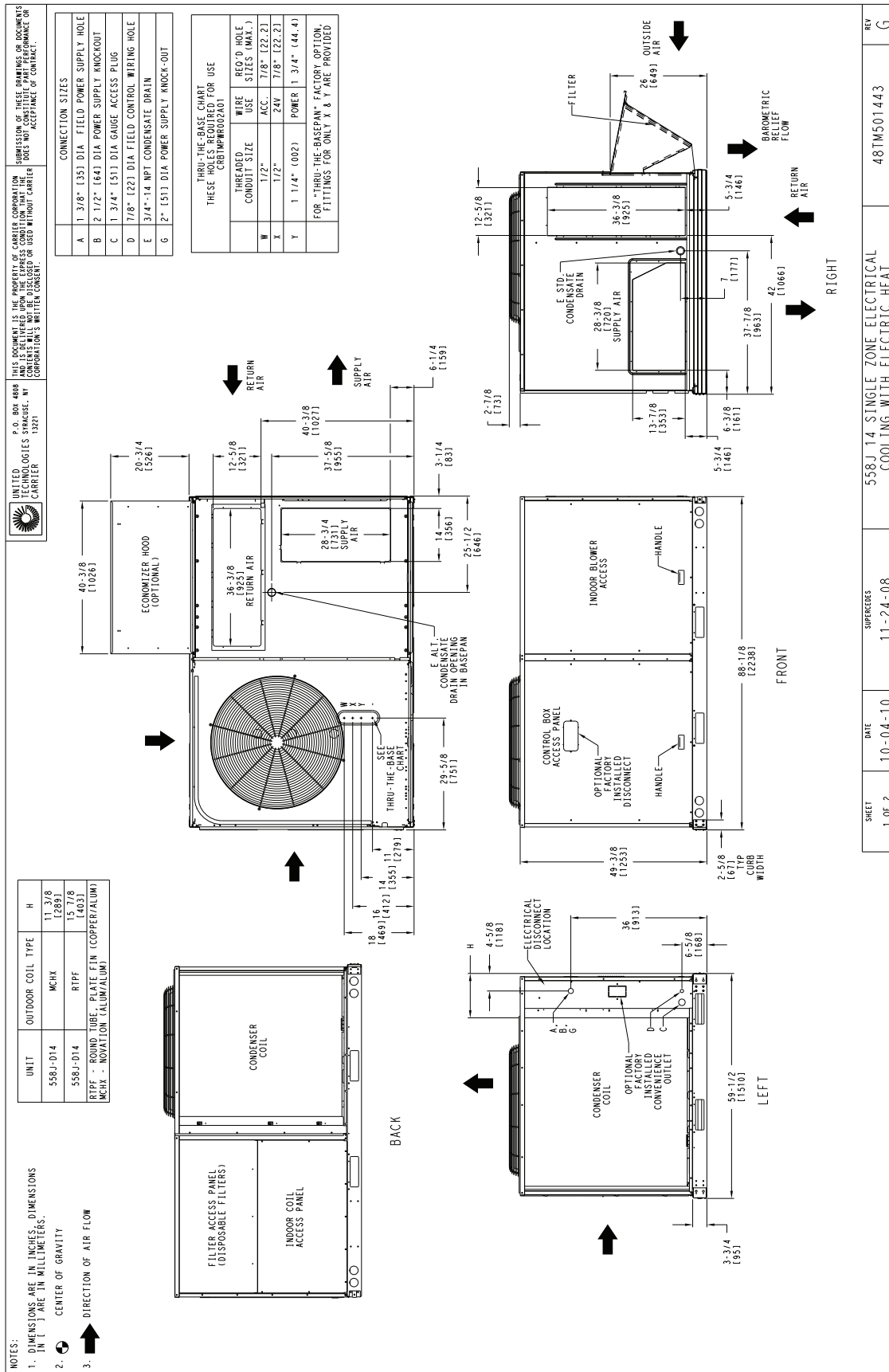
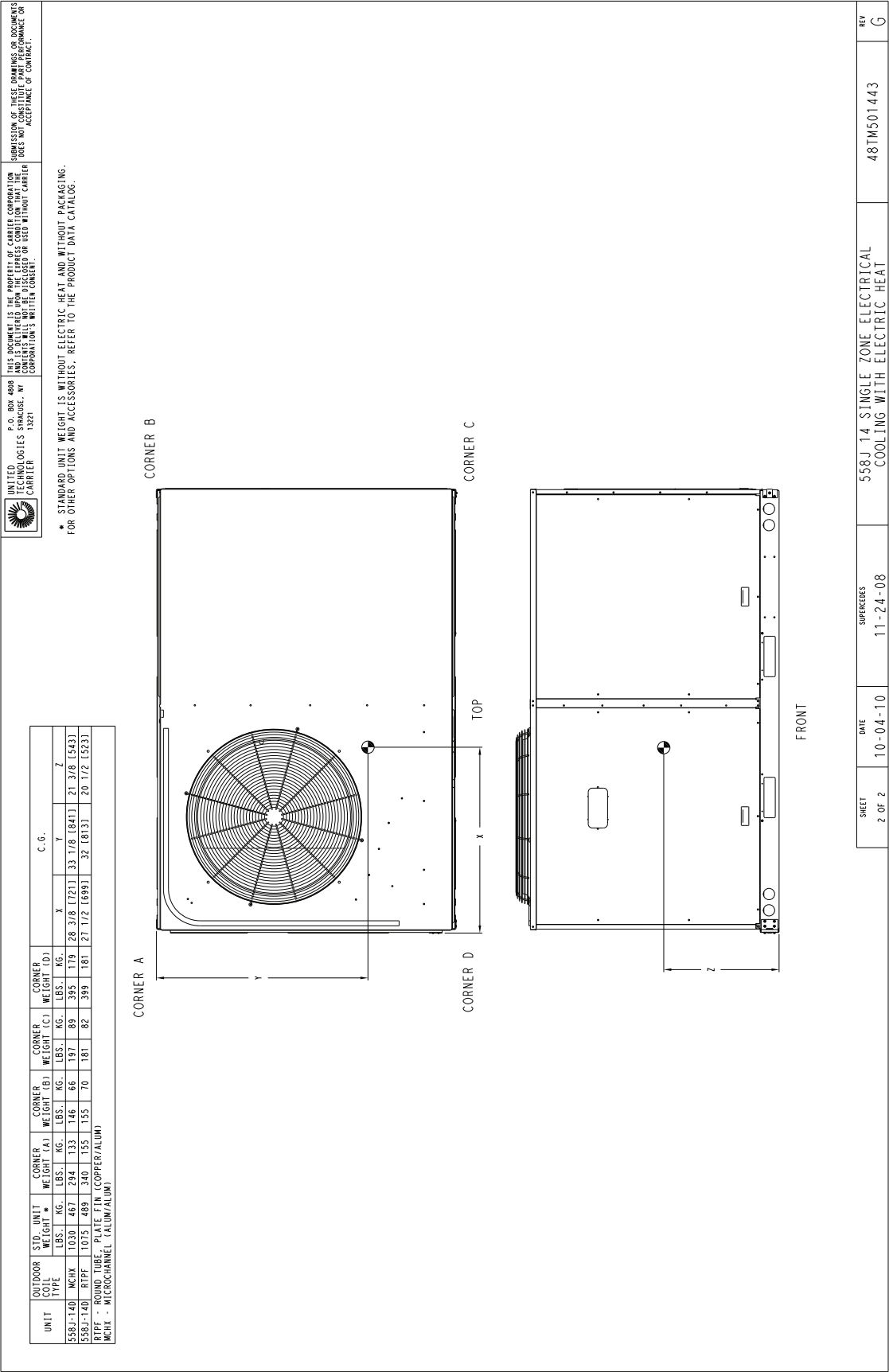


Fig. 8 - Dimensions 558J-14

CURBS, WEIGHTS & DIMENSIONS (cont.)



CURBS, WEIGHTS & DIMENSIONS (cont.)

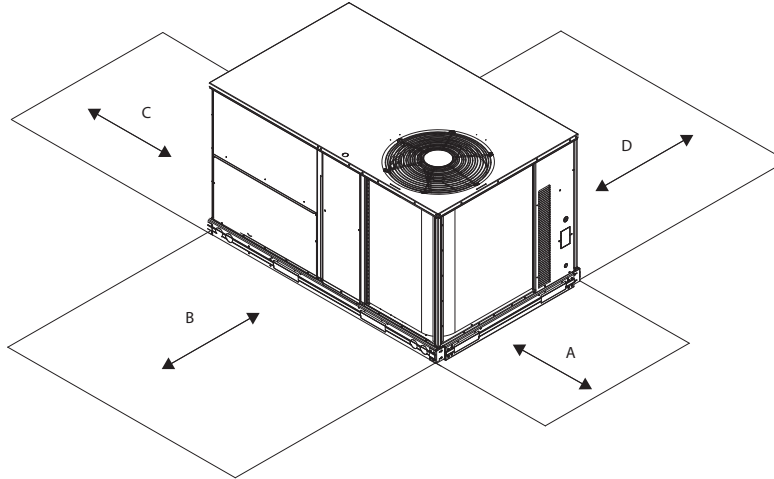


Fig. 10 - Service Clearance

C08337

LOC	DIMENSION	CONDITION
A	48-in (1219 mm)	Unit disconnect is mounted on panel
	18-in (457 mm)	No disconnect, convenience outlet option
	18-in (457 mm)	Recommended service clearance
	12-in (305 mm)	Minimum clearance
B	42-in (1067 mm)	Surface behind servicer is grounded (e.g., metal, masonry wall)
	36-in (914 mm)	Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass)
	Special	Check for sources of flue products within 10-ft of unit fresh air intake hood
C	36-in (914 mm)	Side condensate drain is used
	18-in (457 mm)	Minimum clearance
D	42-in (1067 mm)	Surface behind servicer is grounded (e.g., metal, masonry wall, another unit)
	36-in (914 mm)	Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass)

NOTE: Unit not designed to have overhead obstruction. Contact Application Engineering for guidance on any application planning overhead obstruction or vertical clearances.

CURBS, WEIGHTS & DIMENSIONS (cont.)

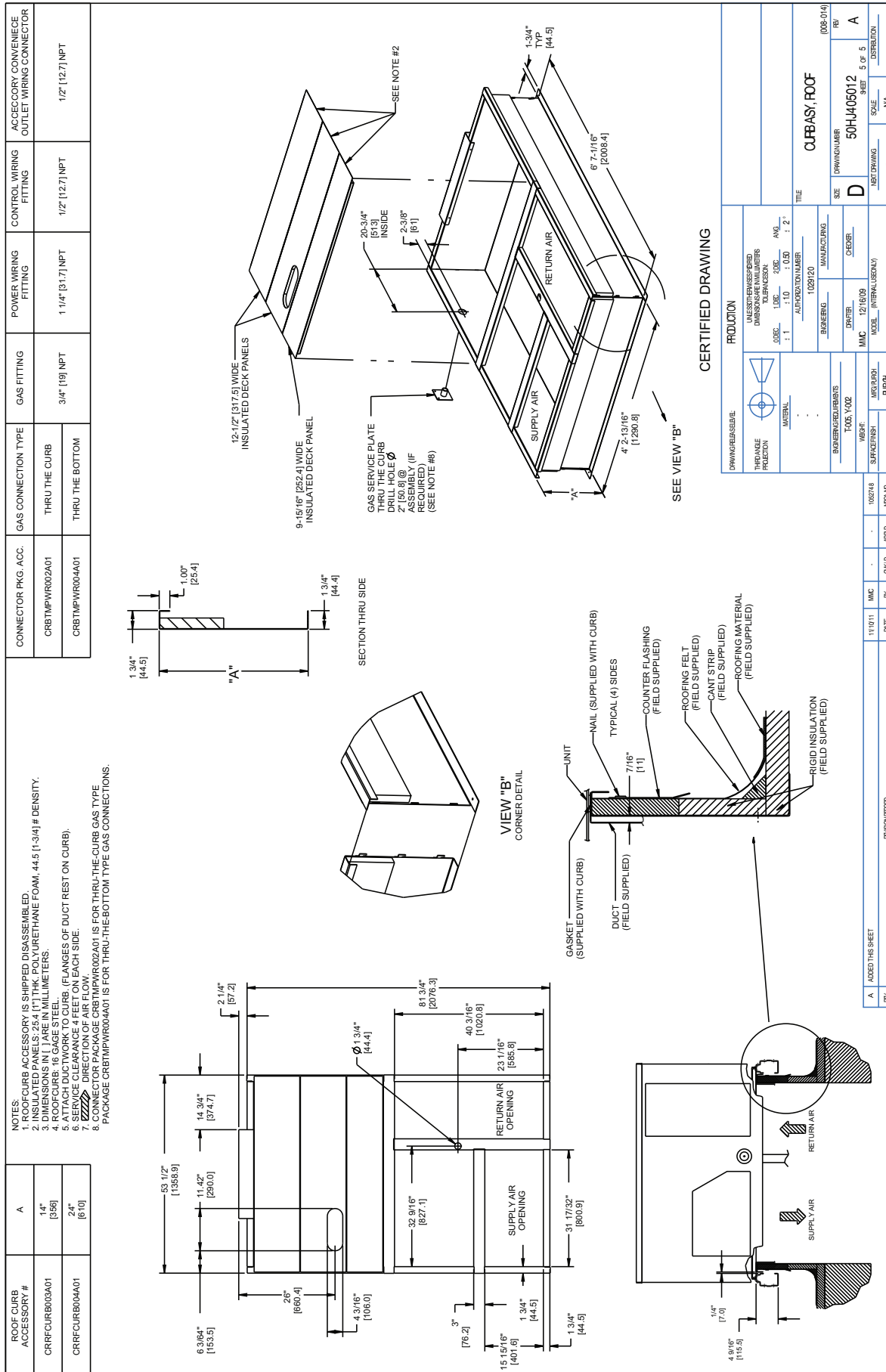


Fig. 11 - Roof Curb Details 558J 08-14

CURBS, WEIGHTS & DIMENSIONS (cont.)

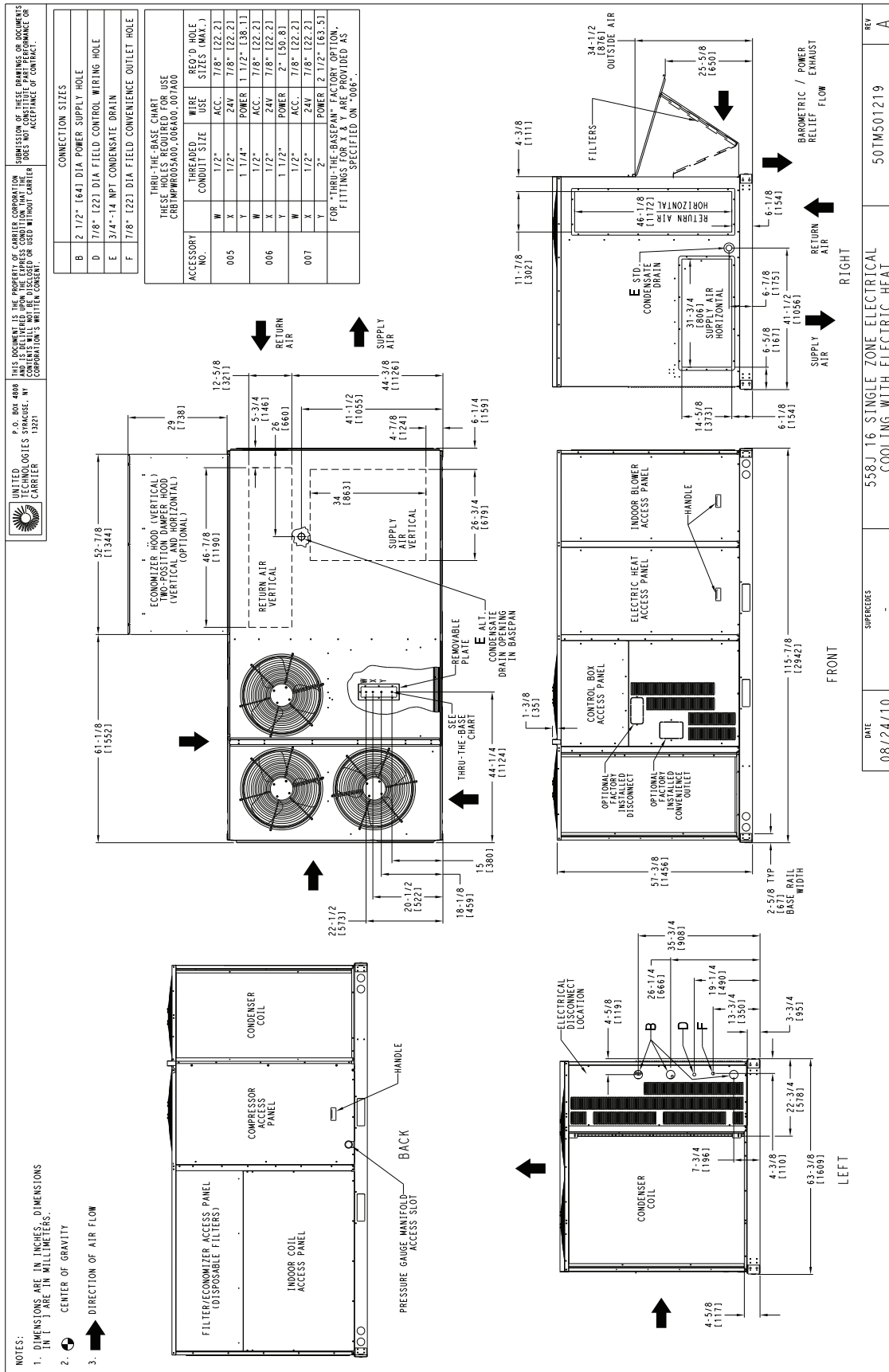
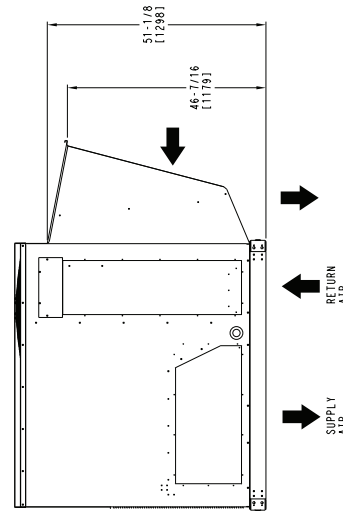
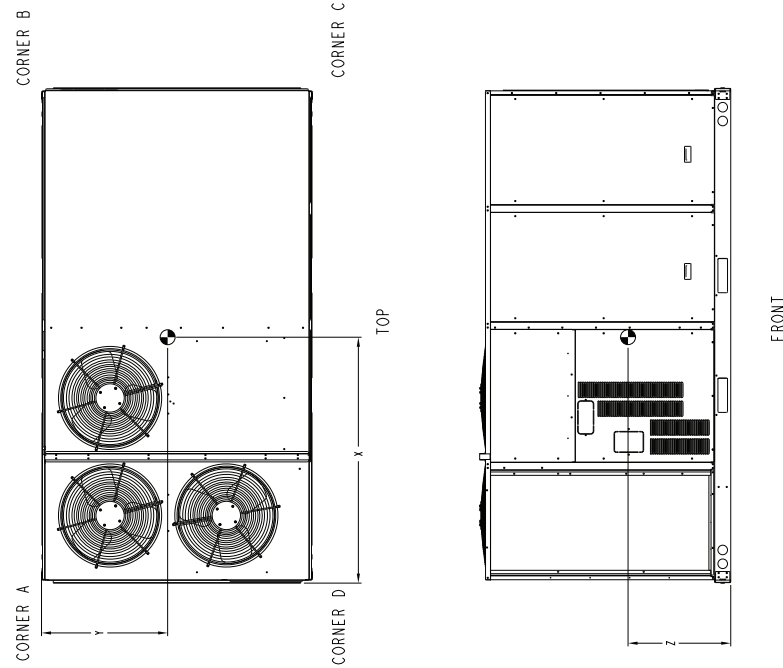


Fig. 12 - Dimensions 558J 16

CURBS, WEIGHTS & DIMENSIONS (cont.)

UNIT	STD UNIT WEIGHT		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.			
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z	
588J 16	1305	593	268	122	325	148	389	177	322	146	58 1/2	114861	32 [813]	211533]

STANDARD UNIT WEIGHT IS WITHOUT ELECTRIC HEAT & WITHOUT PACKAGING.
FOR OPTIONS & ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.



HORIZONTAL ECONOMIZER

DATE	SUPERSEDES		REV
08/24/10	-	558J 16 SINGLE ZONE ELECTRICAL COOLING WITH ELECTRIC HEAT	A
			50TW501219

Fig. 13 - Dimensions 558J 16

CURBS, WEIGHTS & DIMENSIONS (cont.)

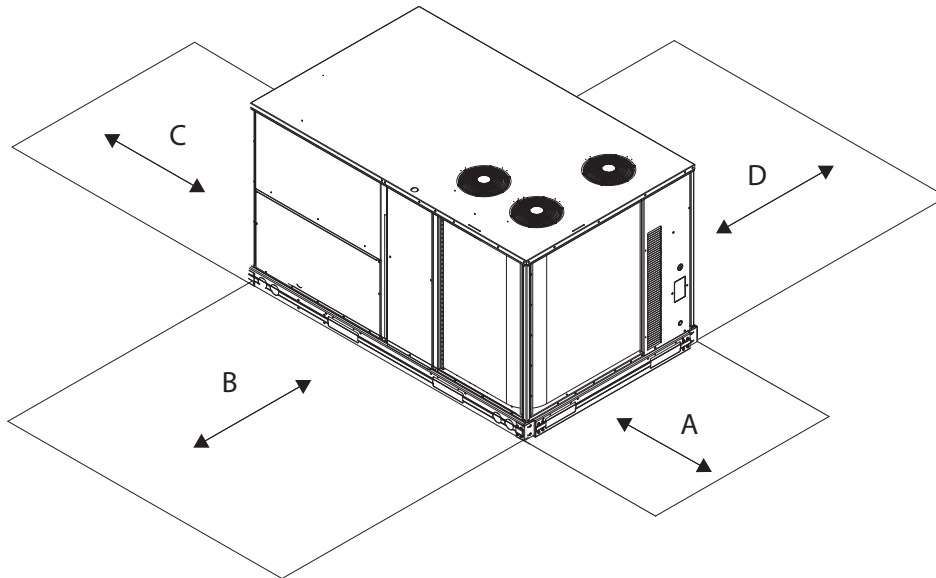


Fig. 14 - Service Clearance

C10578B

LOC	DIMENSION	CONDITION
A	48-in (1219 mm) 18-in (457 mm) 18-in (457 mm) 12-in (305 mm)	Unit disconnect is mounted on panel No disconnect, convenience outlet option Recommended service clearance Minimum clearance
B	42-in (1067 mm) 36-in (914 mm) Special	Surface behind servicer is grounded (e.g., metal, masonry wall) Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass) Check for sources of flue products within 10-ft of unit fresh air intake hood
C	36-in (914 mm) 18-in (457 mm)	Side condensate drain is used Minimum clearance
D	48-in (1219 mm) 42-in (1067 mm) 36-in (914 mm) Special	No flue discharge accessory installed, surface is combustible material Surface behind servicer is grounded (e.g., metal, masonry wall, another unit) Surface behind servicer is electrically non-conductive (e.g., wood, fiberglass) Check for adjacent units or building fresh air intakes within 10-ft of this unit's flue outlet

NOTE: Unit not designed to have overhead obstruction. Contact Application Engineering for guidance on any application planning overhead obstruction or vertical clearances.

CURBS, WEIGHTS & DIMENSIONS (cont.)

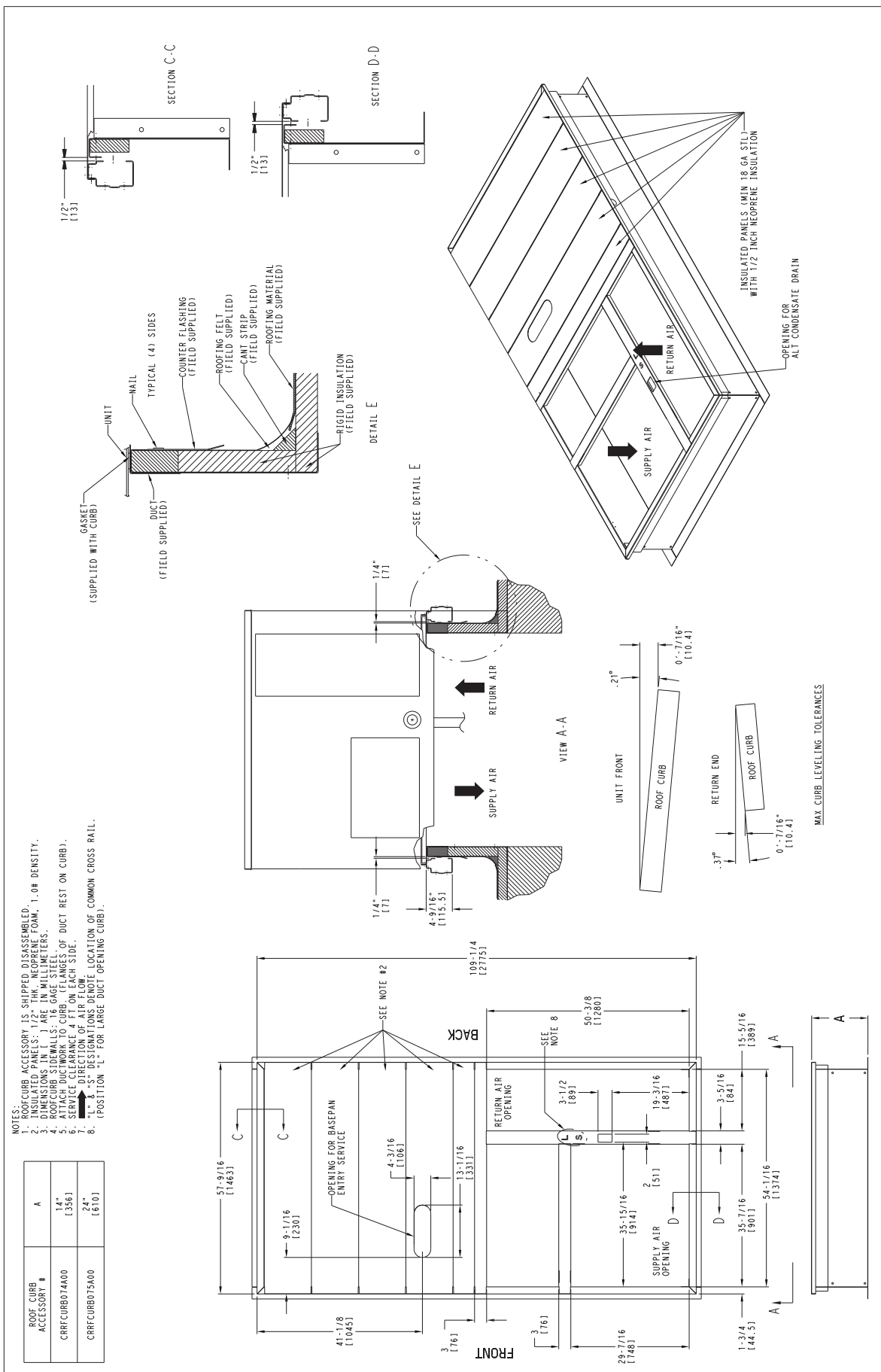


Fig. 15 - Roof Curb Details 558J 16

OPTION / ACCESSORY WEIGHTS

OPTION / ACCESSORY	OPTION / ACCESSORY WEIGHTS																	
	04		05		06		07		08		09		12		14		16	
	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
Perfect Humidity ¹	15	7	23	10	25	11	29	13	38	17	47	21	57	21	47	21	57	26
Power Exhaust – vertical	50	23	50	23	50	23	50	23	75	34	75	34	75	34	75	34	85	39
Power Exhaust – horizontal	30	14	30	14	30	14	30	14	30	14	30	14	30	14	30	14	75	34
EconoMi\$er (IV, X or 2)	50	23	50	23	50	23	50	23	75	34	75	34	75	34	75	34	115	52
Two Position damper	39	18	39	18	39	18	39	18	58	26	58	26	58	26	58	26	65	29
Manual Dampers	12	5	12	5	12	5	12	5	18	8	18	8	18	8	18	8	25	11
Hail Guard (louvered)	16	7	16	7	16	7	16	7	34	15	34	15	34	15	34	15	45	20
Cu/Cu Condenser Coil ²	6	3	13	6	13	6	15	7	12	5	23	10	23	10	23	10	190	86
Cu/Cu Cond. & Evaporator Coils ²	12	5	19	9	21	10	26	12	25	11	49	22	49	22	49	22	280	127
Roof Curb (14–in. curb)	115	52	115	52	115	52	115	52	143	65	143	65	143	65	143	65	180	82
Roof Curb (24–in. curb)	197	89	197	89	197	89	197	89	245	111	245	111	245	111	245	111	255	116
CO ₂ sensor	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
Electric Heater	30	14	30	14	30	14	30	14	45	20	45	20	45	20	45	20	25	11
Single Point Kit	10	5	10	5	10	5	10	5	12	5	12	5	12	5	15	7	25	11
Optional Indoor Motor / Drive	10	5	10	5	10	5	10	5	15	7	15	7	15	7	15	7	45	20
Motor Master Controller	35	16	35	16	35	16	35	16	35	16	35	16	35	16	40	18	35	16
Return Smoke Detector	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
Supply Smoke Detector	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
Non–Fused Disconnect	15	7	15	7	15	7	15	7	15	7	15	7	15	7	15	7	15	7
Powered Convenience outlet	35	16	35	16	35	16	35	16	35	16	35	16	35	16	35	16	35	16
Non–Powered Convenience outlet	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
Enthalpy Sensor	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
Differential Enthalpy Sensor	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
2–Speed Indoor Fan Motor System w/ VFD	–	–	–	–	–	–	–	–	20	9	20	9	20	9	20	9	20	9

NOTE: Where multiple variations are available, the heaviest combination is listed.

– Not Available

¹ For Perfect Humidity add MotorMaster Controller.

² Where available.

APPLICATION DATA

Min operating ambient temp (cooling):

In mechanical cooling mode, your Bryant rooftop can safely operate down to an outdoor ambient temperature of 40°F (4°C) and 25°F (-4°C), with an accessory winter start kit. It is possible to provide cooling at lower outdoor ambient temperatures by using less outside air, economizers, and/or accessory low ambient kits.

Max operating ambient temp (cooling):

The maximum operating ambient temperature for cooling mode is 115°F (46°C). While cooling operation above 115°F (46°C) may be possible, it could cause either a reduction in performance, reliability, or a protective action by the unit's internal safety devices.

Min and max airflow (cooling mode):

To maintain safe and reliable operation of your rooftop, operate within the cooling airflow limits. Operating above the max may cause blow-off, undesired airflow noise, or airflow related problems with the rooftop unit. Operating below the min may cause problems with coil freeze-up.

Airflow:

All units are draw-through in cooling mode.

Outdoor air application strategies:

Economizers reduce operating expenses and compressor run time by providing a free source of cooling and a means of ventilation to match application changing needs. In fact, they should be considered for most applications. Also, consider the various economizer control methods and their benefits, as well as sensors required to accomplish your application goals. Please contact your local Bryant representative for assistance.

Motor limits, Brake horsepower (BHP):

Due to Bryant's internal unit design, air path, and specially designed motors, the full horsepower (maximum continuous BHP) band, as listed in the Physical Data tables, can be used with the utmost confidence. There is no need for extra safety factors, as Bryant's motors are designed and rigorously tested to use the entire, listed BHP range without either nuisance tripping or premature motor failure.

Sizing a rooftop

Bigger isn't necessarily better. While an air conditioner needs to have enough capacity to meet the load, it doesn't need excess capacity. In fact, having excess capacity typically results in very poor part load performance and humidity control.

Using higher design temperatures than ASHRAE recommends for your location, adding "safety factors" to the calculated load, and rounding up to the next largest unit, are all signs of oversizing air conditioners. Oversizing can cause short-cycling, and short cycling leads to poor humidity control, reduced efficiency, higher utility bills, drastic indoor temperature swings, excessive noise, and increased wear and tear on the air conditioner.

Rather than oversizing an air conditioner, wise contractors and engineers "right-size" or even slightly undersize air conditioners. Correctly sizing an air conditioner controls humidity better; promotes efficiency; reduces utility bills; extends equipment life, and maintains even, comfortable temperatures.

Low ambient applications

When equipped with a Bryant economizer, your rooftop unit can cool your space by bringing in fresh, cool outside air. In fact, when so equipped, accessory low ambient kit may not be necessary. In low ambient conditions, unless the outdoor air is excessively humid or contaminated, economizer-based "free cooling" is the preferred less costly and energy conscious method.

In low ambient applications where outside air might not be desired (such as contaminated or excessively humid outdoor environments), your Bryant rooftop can operate at ambient temperatures down to -20°F (-29°C) using the recommended accessory Motormaster low ambient controller.

Winter start

Bryant's winter start kit extends the low ambient limit of your rooftop to 25°F (-4°C). The kit bypasses the low pressure switch, preventing nuisance tripping of the low pressure switch. Other low ambient precautions may still be prudent.

APPLICATION DATA (cont.)

2-speed indoor fan motor with Variable Frequency Drive (VFD)

Bryant's 2-Speed Indoor Fan Motor System utilizes a Variable Frequency Drive (VFD) to automatically adjust the indoor fan motor speed in sequence with the units cooling operation. Per ASHRAE 90.1 2010 standard section 6.4.3.10.b, during the first stage of cooling operation the VFD will adjust the fan motor to provide 2/3rd of the total cfm established for the unit. When a call for the second stage of cooling is required, the VFD will allow the total cfm for the unit established (100%). During the heating mode, the VFD will allow total design cfm (100%) operation and during the ventilation mode the VFD will allow operation to 2/3rd of total cfm.

The VFD used in Bryant's 2-Speed Indoor Fan Motor System has soft start capabilities to slowly ramp up the speeds, thus eliminating any high inrush air volume during initial start-up. It also has internal over current protection for the fan motor and a field installed display kit that allows adjustment and in depth diagnostics of the VFD.

This 2-Speed Indoor Fan Motor System is available on models with 2-stage cooling operation with electrical mechanical or RTU Open (multi Protocol) controls. Both space sensor and conventional thermostats/controls can be used to provide accurate control in any application.

The 2-Speed Indoor Fan Motor System is very flexible for initial fan performance set up and adjustment. The standard factory shipped VFD is pre programmed to automatically stage the fan speed between the first and second stage of cooling. The unit fan performance static pressure and cfm can be easily adjusted using the traditional means of pulley adjustments. The other means to adjust the unit static and cfm performance is to utilize the field installed display module and adjust the frequency and voltage in the VFD to required performance requirements. In either case, once set up the VFD will automatically adjust the speed between the cooling stage operation.

SELECTION PROCEDURE (WITH 558J 07 EXAMPLE)

I. Determine cooling and heating loads.

Given:

Mixed Air Drybulb	80°F (27°C)
Mixed Air Wetbulb	67°F (19°C)
Ambient Drybulb	95°F (35°C)
TC _{Load}	69.0 MBH
SHC _{Load}	51.0 MBH
Vertical Supply Air	2100 CFM
External Static Pressure	0.66 in.wg
Electrical Characteristics	230-3-60

II. Make an initial guess at cooling tons.

Refrig. tons = TC_{Load} / 12 MBH per ton

Refrig. tons = 69.0 / 12 = 5.75 tons

In this case, start by looking at the 558J 07.

III. Look up the rooftop's TC and SHC.

Table 6 shows that, at the application's supply air CFM, mixed air and ambient temperatures, the 558J 07 supplies:

TC_{Load} = 73.7 MBH

SHC_{Load} = 54.4 MBH.

IV. Calculate the building Latent Heat Load.

LC_{Load} = TC_{Load} - SHC_{Load}

LC_{Load} = 69.0 MBH - 51.0 MBH = 18.0 MBH

V. Calculate RTU Latent Heat Capacity

LC = TC - SHC

LC = 73.7 MBH - 54.4 MBH = 19.3 MBH

VI. Compare RTU capacities to loads. ^{2,3}

Compare the rooftop's SHC and LC to the building's Sensible and Latent Heat Loads.

VII. Select factory options (FIOP)

Local code requires an economizer for any unit with TC larger than 65.0 MBH.

VIII. Calculate the total static pressure.

External static pressure	0.66 in. wg
Sum of FIOP/Accessory static	<u>+0.14 in. wg</u>
Total Static Pressure	0.80 in. wg

IX. Look up the Indoor Fan RPM & BHP.

Table 8 shows, at 2100 CFM & ESP= 0.8, RPM = 1268 & BHP = 1.52

X. Determine electrical requirements

MCA and MOCP tables show 558J 07 (without convenience outlet) as:

MCA = 30.5 amps & MOCP = 45 amps

Min. Disconnect Size: FLA = 30 & LRA = 157.

LEGEND

BHP	—	Brake horsepower
FLA	—	Full load amps
LC	—	Latent capacity
LRA	—	Lock rotor amp
MBH	—	(1,000) BTUH
MCA	—	Min. circuit ampacity
MOCP	—	Max. over-current protection
RPM	—	Revolutions per minute
RTU	—	Rooftop unit
SHC	—	Sensible heat capacity
TC	—	Total capacity

NOTES:

1. Selection software by Bryant saves time by performing many of the steps above. Contact your Bryant sales representative for assistance.
2. Selecting a unit with a SHC slightly lower than the SHC_{Load} is often better than oversizing. Slightly lower SHC's will help control indoor humidity, and prevent temperature swings.
3. If the rooftop's capacity meets the Sensible Heat Load, but not the Latent Heat Load.
4. Indoor Fan Motor efficiency is available in Table 14. Use the decimal form in the equation eg. 80% = .8.

Table 6 – COOLING CAPACITIES

1-STAGE COOLING

3 TONS

558J 04 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
900 Cfm	EAT (wb)	58	TC	28.1	28.1	31.7	26.3	26.3	29.8	24.5	24.5	27.7	22.6	22.6	25.5
			SHC	24.4	28.1	31.7	22.9	26.3	29.8	21.3	24.5	27.7	19.6	22.6	25.5
		62	TC	30.3	30.3	31.0	27.8	27.8	29.8	25.1	25.1	28.4	22.6	22.6	26.5
			SHC	22.6	26.8	31.0	21.5	25.7	29.8	20.2	24.3	28.4	18.7	22.6	26.5
		67	TC	35.5	35.5	35.5	33.1	33.1	33.1	30.5	30.5	30.5	27.5	27.5	27.5
			SHC	19.5	23.7	27.9	18.5	22.7	26.9	17.4	21.6	25.8	16.2	20.4	24.6
		72	TC	39.0	39.0	39.0	37.1	37.1	37.1	35.1	35.1	35.1	32.7	32.7	32.7
			SHC	15.3	19.5	23.7	14.5	18.8	23.0	13.7	17.9	22.2	12.9	17.1	21.3
76	TC	–	41.4	41.4	–	39.6	39.6	–	37.6	37.6	–	35.4	35.4		
	SHC	–	16.0	21.0	–	15.4	20.2	–	14.6	19.3	–	13.8	18.3		
1050 Cfm	EAT (wb)	58	TC	30.2	30.2	34.2	28.4	28.4	32.2	26.5	26.5	30.0	24.5	24.5	27.7
			SHC	26.3	30.2	34.2	24.7	28.4	32.2	23.1	26.5	30.0	21.3	24.5	27.7
		62	TC	31.9	31.9	34.2	29.4	29.4	32.8	26.7	26.7	31.2	24.5	24.5	28.8
			SHC	24.6	29.4	34.2	23.4	28.1	32.8	22.0	26.6	31.2	20.3	24.5	28.8
		67	TC	36.7	36.7	36.7	34.8	34.8	34.8	32.2	32.2	32.2	29.1	29.1	29.1
			SHC	20.6	25.4	30.2	19.8	24.6	29.4	18.8	23.6	28.4	17.6	22.4	27.2
		72	TC	40.1	40.1	40.1	38.2	38.2	38.2	36.1	36.1	36.1	33.7	33.7	33.7
			SHC	15.7	20.5	25.3	15.0	19.8	24.6	14.2	19.0	23.8	13.4	18.2	23.0
		76	TC	–	42.4	42.4	–	40.6	40.6	–	38.5	38.5	–	36.2	36.2
			SHC	–	16.6	22.2	–	15.9	21.3	–	15.2	20.4	–	14.4	19.5
1200 Cfm	EAT (wb)	58	TC	32.2	32.2	36.4	30.4	30.4	34.3	28.4	28.4	32.1	26.3	26.3	29.7
			SHC	28.0	32.2	36.4	26.4	30.4	34.3	24.7	28.4	32.1	22.8	26.3	29.7
		62	TC	33.3	33.3	37.0	30.8	30.8	35.5	28.4	28.4	33.4	26.3	26.3	30.9
			SHC	26.4	31.7	37.0	25.1	30.3	35.5	23.4	28.4	33.4	21.7	26.3	30.9
		67	TC	37.7	37.7	37.7	35.6	35.6	35.6	33.4	33.4	33.4	30.4	30.4	30.4
			SHC	21.7	27.0	32.4	20.9	26.3	31.6	20.0	25.4	30.8	18.8	24.2	29.6
		72	TC	40.9	40.9	40.9	39.0	39.0	39.0	36.9	36.9	36.9	34.4	34.4	34.4
			SHC	16.1	21.5	26.8	15.4	20.8	26.1	14.7	20.0	25.4	13.8	19.2	24.5
		76	TC	–	43.1	43.1	–	41.3	41.3	–	39.1	39.1	–	36.8	36.8
			SHC	–	17.1	23.1	–	16.4	22.3	–	15.7	21.4	–	14.9	20.5
1350 Cfm	EAT (wb)	58	TC	–	–	–	32.1	32.1	36.3	30.0	30.0	34.0	27.9	27.9	31.5
			SHC	–	–	–	27.9	32.1	36.3	26.1	30.0	34.0	24.2	27.9	31.5
		62	TC	28.4	28.4	30.5	32.2	32.2	37.8	30.1	30.1	35.3	27.9	27.9	32.8
			SHC	17.6	24.1	30.5	26.6	32.2	37.8	24.8	30.1	35.3	23.0	27.9	32.8
		67	TC	33.2	33.2	33.2	36.4	36.4	36.4	34.1	34.1	34.1	31.5	31.5	32.0
			SHC	15.0	21.4	27.9	21.9	27.8	33.7	21.0	26.9	32.9	20.0	26.0	32.0
		72	TC	37.5	37.5	37.5	39.7	39.7	39.7	37.5	37.5	37.5	35.0	35.0	35.0
			SHC	11.8	18.3	24.8	15.8	21.7	27.5	15.0	20.9	26.8	14.2	20.1	26.0
		76	TC	–	40.1	40.1	–	41.8	41.8	–	39.6	39.6	–	37.3	37.3
			SHC	–	15.3	22.7	–	16.8	23.2	–	16.1	22.3	–	15.3	21.5
1500 Cfm	EAT (wb)	58	TC	28.1	28.1	34.2	33.7	33.7	38.1	31.6	31.6	35.7	29.3	29.3	33.2
			SHC	21.9	28.1	34.2	29.3	33.7	38.1	27.4	31.6	35.7	25.5	29.3	33.2
		62	TC	30.3	30.3	33.8	33.7	33.7	39.6	31.6	31.6	37.1	29.4	29.4	34.5
			SHC	19.8	26.8	33.8	27.8	33.7	39.6	26.1	31.6	37.1	24.2	29.4	34.5
		67	TC	35.5	35.5	35.5	36.9	36.9	36.9	34.6	34.6	34.9	32.0	32.0	34.0
			SHC	16.7	23.7	30.7	22.8	29.2	35.7	21.9	28.4	34.9	21.0	27.5	34.0
		72	TC	39.0	39.0	39.0	40.2	40.2	40.2	38.0	38.0	38.0	35.5	35.5	35.5
			SHC	12.4	19.5	26.6	16.1	22.5	28.8	15.4	21.7	28.1	14.6	21.0	27.4
		76	TC	–	41.4	41.4	–	42.2	42.2	–	40.0	40.0	–	–	–
			SHC	–	16.0	24.3	–	17.2	24.0	–	16.5	23.2	–	–	–

LEGEND:

–	– Do not operate
Cfm	– Cubic feet per minute (supply air)
EAT(db)	– Entering air temperature (dry bulb)
EAT(wb)	– Entering air temperature (wet bulb)
SHC	– Sensible heat capacity
TC	– Total capacity

558J04 (3 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		80 dry bulb			80 dry bulb			80 dry bulb		
		72 wet bulb			67 wet bulb			62 wet bulb		
		900	1200	1500	900	1200	1500	900	1200	1500
75	TC	40.6	43.2	45.3	37.0	39.4	41.3	33.4	35.6	37.4
	SHC	21.6	23.9	25.6	25.6	27.7	29.3	29.6	31.6	33.1
	kW	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85	TC	37.0	39.6	41.7	33.6	36.0	37.9	30.2	32.3	34.1
	SHC	17.7	20.2	22.2	22.7	25.0	26.9	27.7	29.9	31.6
	kW	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
95	TC	33.5	36.0	38.1	30.2	32.5	34.4	26.9	29.1	30.8
	SHC	13.7	16.6	18.8	19.7	22.4	24.4	25.7	28.2	30.1
	kW	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5
105	TC	29.9	32.4	34.5	26.8	29.1	31.0	23.6	25.8	27.5
	SHC	9.8	12.9	15.3	16.8	19.7	22.0	23.8	26.5	28.6
	kW	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8
115	TC	26.3	28.8	30.9	23.3	25.7	27.5	20.4	22.5	24.2
	SHC	5.8	9.2	11.9	13.8	17.0	19.5	21.9	24.8	27.1
	kW	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1

558J04 (3 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		75 dry bulb			75 dry bulb			75 dry bulb		
		62.5 wet bulb (50% relative)			64 wet bulb (55% relative)			65.3 wet bulb (60% relative)		
		1050	1200	1350	1050	1200	1350	1050	1200	1350
80	TC	14.7	15.5	16.2	15.9	16.7	17.4	16.9	17.7	18.4
	SHC	6.7	7.6	8.5	4.8	5.7	6.6	3.2	4.1	5.0
	kW	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75	TC	15.1	15.8	16.4	16.2	17.0	17.6	17.2	18.0	18.6
	SHC	7.5	8.4	9.2	5.8	6.7	7.5	4.4	5.2	6.0
	kW	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
70	TC	15.5	16.1	16.7	16.6	17.3	17.9	17.5	18.2	18.8
	SHC	8.4	9.3	10.0	6.9	7.7	8.5	5.5	6.4	7.1
	kW	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
60	TC	16.2	16.8	17.3	17.2	17.8	18.3	18.1	18.7	19.2
	SHC	10.2	10.9	11.6	8.9	9.7	10.4	7.8	8.6	9.3
	kW	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
50	TC	17.0	17.5	17.9	17.9	18.4	18.8	18.7	19.2	19.6
	SHC	11.9	12.6	13.2	11.0	11.6	12.2	10.1	10.8	11.4
	kW	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
40	TC	17.7	18.1	18.5	18.6	19.0	19.3	19.3	19.7	20.1
	SHC	13.7	14.3	14.8	13.0	13.6	14.1	12.4	13.0	13.5
	kW	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

t_{lwb} = Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil (h_{lwb})

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

1-STAGE COOLING

4 TONS

558J 05 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
1200 Cfm	EAT (wb)	58	TC	—	—	—	—	—	—	36.1	36.1	40.7	34.3	34.3	38.6
			SHC	—	—	—	—	—	—	31.5	36.1	40.7	29.9	34.3	38.6
		62	TC	43.1	43.1	43.1	40.8	40.8	40.8	38.4	38.4	39.4	35.9	35.9	38.2
			SHC	31.2	36.4	41.7	30.1	35.3	40.6	28.9	34.1	39.4	27.8	33.0	38.2
		67	TC	47.4	47.4	47.4	45.2	45.2	45.2	42.9	42.9	42.9	40.3	40.3	40.3
			SHC	25.9	31.2	36.4	25.0	30.2	35.5	23.9	29.2	34.4	22.9	28.2	33.4
		72	TC	51.1	51.1	51.1	49.1	49.1	49.1	46.8	46.8	46.8	43.9	43.9	43.9
			SHC	20.1	25.5	30.9	19.4	24.7	30.1	18.4	23.7	29.0	17.4	22.7	28.0
		76	TC	—	53.3	53.3	—	51.5	51.5	—	49.2	49.2	—	45.9	45.9
			SHC	—	20.8	27.4	—	20.2	26.8	—	19.3	25.7	—	18.3	24.6
1400 cfm	EAT (wb)	58	TC	41.9	41.9	47.3	40.1	40.1	45.3	38.2	38.2	43.2	36.3	36.3	41.0
			SHC	36.6	41.9	47.3	35.0	40.1	45.3	33.3	38.2	43.2	31.7	36.3	41.0
		62	TC	44.6	44.6	45.4	42.3	42.3	44.2	39.8	39.8	42.9	37.3	37.3	41.6
			SHC	33.4	39.4	45.4	32.3	38.3	44.2	31.0	37.0	42.9	29.8	35.7	41.6
		67	TC	48.7	48.7	48.7	46.6	46.6	46.6	44.2	44.2	44.2	41.4	41.4	41.4
			SHC	27.3	33.2	39.2	26.4	32.3	38.3	25.3	31.3	37.3	24.2	30.2	36.2
		72	TC	52.2	52.2	52.2	50.3	50.3	50.3	47.8	47.8	47.8	44.8	44.8	44.8
			SHC	20.6	26.7	32.7	19.9	25.9	32.0	18.9	24.9	30.9	17.9	23.8	29.7
		76	TC	—	54.1	54.1	—	52.3	52.3	—	49.9	49.9	—	46.4	46.4
			SHC	—	21.5	29.0	—	20.8	28.0	—	19.9	26.9	—	18.8	25.7
1600 Cfm	EAT (wb)	58	TC	44.0	44.0	49.6	42.1	42.1	47.4	40.1	40.1	45.2	38.1	38.1	43.0
			SHC	38.3	44.0	49.6	36.7	42.1	47.4	34.9	40.1	45.2	33.2	38.1	43.0
		62	TC	45.7	45.7	48.6	43.5	43.5	47.5	41.0	41.0	46.0	38.5	38.5	44.4
			SHC	35.3	42.0	48.6	34.2	40.8	47.5	32.9	39.4	46.0	31.6	38.0	44.4
		67	TC	49.8	49.8	49.8	47.6	47.6	47.6	45.1	45.1	45.1	42.3	42.3	42.3
			SHC	28.4	35.0	41.6	27.6	34.2	40.9	26.5	33.2	39.9	25.4	32.1	38.7
		72	TC	53.0	53.0	53.0	51.1	51.1	51.1	48.6	48.6	48.6	45.4	45.4	45.4
			SHC	21.0	27.6	34.3	20.3	27.0	33.6	19.4	26.0	32.6	18.3	24.8	31.3
		76	TC	—	54.6	54.6	—	52.8	52.8	—	50.4	50.4	—	46.8	46.8
			SHC	—	22.0	29.9	—	21.3	29.0	—	20.3	27.9	—	19.2	26.6
1800 Cfm	EAT (wb)	58	TC	44.0	44.0	50.3	42.1	42.1	48.1	40.1	40.1	45.9	38.0	38.0	43.5
			SHC	37.6	44.0	50.3	36.0	42.1	48.1	34.3	40.1	45.9	32.6	38.0	43.5
		62	TC	45.7	45.7	49.5	43.5	43.5	48.3	41.0	41.0	46.8	38.4	38.4	45.2
			SHC	34.5	42.0	49.5	33.4	40.8	48.3	32.1	39.4	46.8	30.8	38.0	45.2
		67	TC	49.8	49.8	49.8	47.6	47.6	47.6	45.1	45.1	45.1	42.3	42.3	42.3
			SHC	27.6	35.0	42.5	26.8	34.2	41.7	25.7	33.2	40.7	24.6	32.1	39.5
		72	TC	53.0	53.0	53.0	51.1	51.1	51.1	48.6	48.6	48.6	45.4	45.4	45.4
			SHC	20.2	27.6	35.1	19.5	27.0	34.4	18.5	26.0	33.4	17.5	24.8	32.1
		76	TC	—	54.6	54.6	—	52.8	52.8	—	50.4	50.4	—	46.8	46.8
			SHC	—	22.0	30.9	—	21.3	30.0	—	20.3	28.9	—	19.2	27.5
2000 Cfm	EAT (wb)	58	TC	46.9	46.9	52.9	45.0	45.0	50.8	42.9	42.9	48.4	40.7	40.7	45.9
			SHC	40.9	46.9	52.9	39.3	45.0	50.8	37.4	42.9	48.4	35.5	40.7	45.9
		62	TC	47.5	47.5	54.0	45.3	45.3	52.5	43.0	43.0	50.3	40.7	40.7	47.7
			SHC	38.5	46.3	54.0	37.3	44.9	52.5	35.6	43.0	50.3	33.8	40.7	47.7
		67	TC	51.2	51.2	51.2	49.1	49.1	49.1	46.5	46.5	46.5	43.5	43.5	43.5
			SHC	30.5	38.3	46.0	29.8	37.6	45.5	28.7	36.6	44.5	27.5	35.4	43.2
		72	TC	54.0	54.0	54.0	52.1	52.1	52.1	49.7	49.7	49.7	46.2	46.2	46.2
			SHC	21.7	29.2	36.8	21.1	28.7	36.4	20.1	27.8	35.4	18.9	26.4	33.9
		76	TC	—	55.2	55.2	—	53.5	53.5	—	51.0	51.0	—	47.3	47.3
			SHC	—	22.7	31.4	—	22.0	30.6	—	21.1	29.6	—	19.9	28.1

LEGEND:

—	Do not operate
Cfm	Cubic feet per minute (supply air)
EAT(db)	Entering air temperature (dry bulb)
EAT(wb)	Entering air temperature (wet bulb)
SHC	Sensible heat capacity
TC	Total capacity

558J05 (4 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		80 dry bulb			80 dry bulb			80 dry bulb		
		72 wet bulb			67 wet bulb			62 wet bulb		
		1200	1600	2000	1200	1600	2000	1200	1600	2000
75	TC	52.5	55.9	58.6	47.1	50.2	52.7	41.7	44.5	46.8
	SHC	22.6	25.5	27.8	27.1	29.9	32.0	31.6	34.2	36.2
	kW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85	TC	48.7	52.2	54.9	43.4	46.5	49.0	38.0	40.8	43.1
	SHC	18.0	21.3	23.9	23.6	26.8	29.2	29.3	32.2	34.4
	kW	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
95	TC	44.9	48.4	51.2	39.6	42.8	45.3	34.3	37.1	39.4
	SHC	13.4	17.2	20.0	20.2	23.7	26.4	27.0	30.2	32.7
	kW	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3
105	TC	41.1	44.7	47.5	35.9	39.1	41.7	30.6	33.5	35.8
	SHC	8.8	13.0	16.1	16.7	20.6	23.6	24.6	28.2	31.0
	kW	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7
115	TC	37.4	41.0	43.9	32.1	35.4	38.0	26.8	29.8	32.1
	SHC	4.3	8.8	12.2	13.3	17.5	20.7	22.3	26.2	29.2
	kW	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1

558J05 (4 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		75 dry bulb			75 dry bulb			75 dry bulb		
		62.5 wet bulb (50% relative)			64 wet bulb (55% relative)			65.3 wet bulb (60% relative)		
		1200	1600	2000	1200	1600	2000	1200	1600	2000
80	TC	11.6	13.8	15.5	13.5	15.8	17.6	15.2	17.5	19.3
	SHC	-1.0	1.2	3.0	-3.1	-0.8	0.9	-4.8	-2.6	-0.9
	kW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75	TC	12.5	14.6	16.2	14.3	16.4	18.1	15.9	18.1	19.8
	SHC	-0.7	1.4	3.0	-2.7	-0.6	1.1	-4.3	-2.2	-0.6
	kW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70	TC	13.4	15.3	16.8	15.1	17.1	18.7	16.6	18.7	20.3
	SHC	-0.5	1.5	3.0	-2.3	-0.3	1.2	-3.8	-1.9	-0.3
	kW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
60	TC	15.1	16.8	18.1	16.7	18.4	19.8	18.1	19.9	21.2
	SHC	0.0	1.7	3.1	-1.5	0.2	1.5	-2.8	-1.1	0.2
	kW	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
50	TC	16.9	18.3	19.4	18.3	19.8	20.9	19.6	21.0	22.2
	SHC	0.6	2.0	3.1	-0.7	0.7	1.8	-1.8	-0.4	0.7
	kW	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
40	TC	18.7	19.8	20.7	19.9	21.1	22.0	21.0	22.2	23.2
	SHC	1.1	2.2	3.1	0.1	1.2	2.1	-0.8	0.4	1.3
	kW	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

t_{lwb} = Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil (h_{lwb})

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

1-STAGE COOLING

5 TONS

558J 06 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
1500 Cfm	EAT (wb)	58	TC	52.9	52.9	60.0	49.9	49.9	56.6	46.6	46.6	52.9	43.1	43.1	48.9
			SHC	45.8	52.9	60.0	43.2	49.9	56.6	40.4	46.6	52.9	37.3	43.1	48.9
		62	TC	56.2	56.2	57.6	52.2	52.2	55.7	47.8	47.8	53.5	43.2	43.2	51.0
			SHC	41.8	49.7	57.6	39.9	47.8	55.7	37.8	45.6	53.5	35.5	43.2	51.0
		67	TC	62.4	62.4	62.4	58.8	58.8	58.8	54.4	54.4	54.4	49.5	49.5	49.5
			SHC	34.8	42.8	50.7	33.2	41.2	49.1	31.4	39.3	47.3	29.4	37.3	45.3
		72	TC	68.2	68.2	68.2	64.8	64.8	64.8	60.8	60.8	60.8	56.2	56.2	56.2
			SHC	27.2	35.2	43.2	25.9	33.9	41.9	24.4	32.4	40.4	22.6	30.6	38.6
		76	TC	–	71.1	71.1	–	69.0	69.0	–	65.4	65.4	–	60.9	60.9
			SHC	–	28.4	36.6	–	27.6	35.9	–	26.3	34.6	–	24.8	33.0
1750 Cfm	EAT (wb)	58	TC	56.5	56.5	64.0	53.3	53.3	60.4	49.8	49.8	56.5	46.1	46.1	52.3
			SHC	48.9	56.5	64.0	46.1	53.3	60.4	43.1	49.8	56.5	39.9	46.1	52.3
		62	TC	58.5	58.5	63.4	54.4	54.4	61.3	49.9	49.9	58.9	46.1	46.1	54.4
			SHC	45.2	54.3	63.4	43.2	52.2	61.3	41.0	49.9	58.9	37.9	46.1	54.4
		67	TC	64.3	64.3	64.3	60.5	60.5	60.5	56.2	56.2	56.2	51.3	51.3	51.3
			SHC	36.9	46.1	55.2	35.3	44.5	53.7	33.6	42.8	51.9	31.6	40.8	49.9
		72	TC	69.5	69.5	69.5	66.5	66.5	66.5	62.4	62.4	62.4	57.7	57.7	57.7
			SHC	27.8	36.9	45.9	26.7	35.9	45.1	25.2	34.5	43.7	23.5	32.8	42.0
		76	TC	–	72.2	72.2	–	70.1	70.1	–	66.6	66.6	–	–	–
			SHC	–	29.3	38.9	–	28.6	38.2	–	27.4	36.8	–	–	–
2000 Cfm	EAT (wb)	58	TC	59.3	59.3	67.3	56.1	56.1	63.6	52.5	52.5	59.5	48.6	48.6	55.1
			SHC	51.4	59.3	67.3	48.6	56.1	63.6	45.4	52.5	59.5	42.1	48.6	55.1
		62	TC	60.1	60.1	68.5	56.2	56.2	66.3	52.5	52.5	62.0	48.7	48.7	57.4
			SHC	48.1	58.3	68.5	46.2	56.2	66.3	43.1	52.5	62.0	39.9	48.7	57.4
		67	TC	65.7	65.7	65.7	61.9	61.9	61.9	57.5	57.5	57.5	52.6	52.6	54.4
			SHC	38.8	49.1	59.5	37.3	47.7	58.1	35.6	46.0	56.4	33.6	44.0	54.4
		72	TC	70.1	70.1	70.1	67.6	67.6	67.6	63.6	63.6	63.6	58.9	58.9	58.9
			SHC	28.3	38.1	48.0	27.4	37.7	48.0	26.0	36.4	46.7	24.3	34.7	45.2
		76	TC	–	72.9	72.9	–	70.8	70.8	–	67.4	67.4	–	–	–
			SHC	–	30.1	40.7	–	29.3	39.9	–	28.2	38.7	–	–	–
2250 Cfm	EAT (wb)	58	TC	61.5	61.5	69.8	58.4	58.4	66.2	54.8	54.8	62.1	50.8	50.8	57.6
			SHC	53.2	61.5	69.8	50.5	58.4	66.2	47.4	54.8	62.1	43.9	50.8	57.6
		62	TC	61.6	61.6	72.6	58.4	58.4	68.9	54.8	54.8	64.6	50.8	50.8	59.9
			SHC	50.6	61.6	72.6	47.9	58.4	68.9	45.0	54.8	64.6	41.7	50.8	59.9
		67	TC	66.8	66.8	66.8	63.0	63.0	63.0	58.5	58.5	60.6	53.6	53.6	58.6
			SHC	40.5	52.0	63.4	39.1	50.7	62.3	37.4	49.0	60.6	35.5	47.0	58.6
		72	TC	70.8	70.8	70.8	68.5	68.5	68.5	64.5	64.5	64.5	59.8	59.8	59.8
			SHC	28.7	39.5	50.2	28.0	39.3	50.5	26.7	38.1	49.6	25.0	36.6	48.1
		76	TC	–	73.4	73.4	–	71.2	71.2	–	67.9	67.9	–	–	–
			SHC	–	30.7	42.1	–	30.0	41.4	–	28.9	40.4	–	–	–
2500 Cfm	EAT (wb)	58	TC	63.3	63.3	71.8	60.1	60.1	68.2	56.5	56.5	64.1	52.6	52.6	59.6
			SHC	54.8	63.3	71.8	52.1	60.1	68.2	49.0	56.5	64.1	45.5	52.6	59.6
		62	TC	63.4	63.4	74.7	60.2	60.2	71.0	56.6	56.6	66.7	52.6	52.6	62.1
			SHC	52.0	63.4	74.7	49.4	60.2	71.0	46.5	56.6	66.7	43.2	52.6	62.1
		67	TC	67.6	67.6	67.6	63.8	63.8	66.2	59.3	59.3	64.6	54.4	54.4	62.5
			SHC	42.1	54.6	67.1	40.9	53.5	66.2	39.2	51.9	64.6	37.2	49.8	62.5
		72	TC	71.3	71.3	71.3	69.0	69.0	69.0	65.1	65.1	65.1	60.4	60.4	60.4
			SHC	29.1	40.7	52.2	28.5	40.7	52.9	27.3	39.7	52.2	25.7	38.3	50.9
		76	TC	–	73.8	73.8	–	71.4	71.4	–	68.3	68.3	–	–	–
			SHC	–	31.2	43.3	–	30.5	42.6	–	29.6	41.9	–	–	–

LEGEND:

–	– Do not operate
Cfm	– Cubic feet per minute (supply air)
EAT(db)	– Entering air temperature (dry bulb)
EAT(wb)	– Entering air temperature (wet bulb)
SHC	– Sensible heat capacity
TC	– Total capacity

558J06 (5 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		80 dry bulb			80 dry bulb			80 dry bulb		
		72 wet bulb			67 wet bulb			62 wet bulb		
		1750	2000	2250	1750	2000	2250	1750	2000	2250
75	TC	73.1	78.7	84.5	63.2	66.9	70.8	53.2	55.1	57.1
	SHC	35.3	37.2	38.8	42.0	43.7	45.3	48.7	50.3	51.8
	kW	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85	TC	67.6	71.2	75.0	59.1	61.2	63.3	50.6	51.1	51.5
	SHC	27.9	30.0	31.9	36.3	38.3	40.1	44.8	46.6	48.2
	kW	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
95	TC	62.1	63.8	65.5	55.1	55.4	55.8	48.0	47.0	46.0
	SHC	20.5	22.9	24.9	30.7	32.9	34.8	40.9	42.9	44.7
	kW	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
105	TC	56.6	56.3	56.0	51.0	49.6	48.3	45.4	43.0	40.5
	SHC	13.1	15.7	18.0	25.0	27.5	29.6	36.9	39.2	41.2
	kW	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7
115	TC	51.1	48.8	46.5	46.9	43.9	40.7	42.8	39.0	35.0
	SHC	5.8	8.6	11.0	19.4	22.0	24.4	33.0	35.5	37.7
	kW	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2

558J06 (5 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		75 dry bulb			75 dry bulb			75 dry bulb		
		62.5 wet bulb (50% relative)			64 wet bulb (55% relative)			65.3 wet bulb (60% relative)		
		1750	2000	2250	1750	2000	2250	1750	2000	2250
80	TC	23.0	24.4	25.6	24.7	26.2	27.4	26.3	27.7	29.0
	SHC	5.3	6.1	6.8	3.2	4.0	4.7	1.4	2.2	2.9
	kW	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75	TC	23.3	24.6	25.7	25.0	26.3	27.5	26.4	27.8	29.0
	SHC	5.1	5.8	6.5	3.1	3.9	4.5	1.4	2.2	2.8
	kW	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70	TC	23.5	24.8	25.9	25.2	26.4	27.5	26.6	27.9	29.0
	SHC	4.8	5.5	6.2	3.0	3.7	4.3	1.4	2.1	2.8
	kW	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
60	TC	24.1	25.2	26.1	25.6	26.7	27.7	26.9	28.0	29.0
	SHC	4.3	5.0	5.5	2.8	3.4	3.9	1.4	2.0	2.6
	kW	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
50	TC	24.7	25.6	26.4	26.1	27.0	27.8	27.2	28.2	29.0
	SHC	3.8	4.4	4.8	2.5	3.1	3.5	1.4	2.0	2.4
	kW	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
40	TC	25.3	26.0	26.7	26.5	27.3	27.9	27.6	28.3	29.0
	SHC	3.3	3.8	4.2	2.3	2.8	3.1	1.4	1.9	2.3
	kW	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

t_{lwb} = Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil (h_{lwb})

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

1-STAGE COOLING

6 TONS

558J 07 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
1800 Cfm	EAT (wb)	58	TC	64.9	64.9	73.3	62.1	62.1	70.0	58.9	58.9	66.4	55.6	55.6	62.7
			SHC	56.6	64.9	73.3	54.1	62.1	70.0	51.4	58.9	66.4	48.5	55.6	62.7
		62	TC	68.7	68.7	70.3	64.9	64.9	68.5	60.8	60.8	66.4	56.4	56.4	64.0
			SHC	51.7	61.0	70.3	49.9	59.2	68.5	47.9	57.2	66.4	45.7	54.9	64.0
		67	TC	75.6	75.6	75.6	71.7	71.7	71.7	67.4	67.4	67.4	62.5	62.5	62.5
			SHC	42.8	52.2	61.5	41.2	50.5	59.8	39.3	48.6	58.0	37.2	46.5	55.8
		72	TC	82.6	82.6	82.6	78.5	78.5	78.5	73.7	73.7	73.7	67.8	67.8	67.8
			SHC	33.5	42.8	52.2	31.9	41.3	50.6	30.0	39.3	48.6	27.8	36.9	45.9
		76	TC	–	87.5	87.5	–	83.3	83.3	–	77.7	77.7	–	70.9	70.9
			SHC	–	35.0	44.9	–	33.5	43.4	–	31.6	41.5	–	29.3	39.1
2100 Cfm	EAT (wb)	58	TC	68.9	68.9	77.7	65.9	65.9	74.3	62.5	62.5	70.5	58.7	58.7	66.2
			SHC	60.1	68.9	77.7	57.4	65.9	74.3	54.5	62.5	70.5	51.2	58.7	66.2
		62	TC	70.9	70.9	76.9	67.1	67.1	75.0	63.0	63.0	72.5	58.7	58.7	68.7
			SHC	55.6	66.3	76.9	53.8	64.4	75.0	51.6	62.1	72.5	48.7	58.7	68.7
		67	TC	77.8	77.8	77.8	73.7	73.7	73.7	69.2	69.2	69.2	64.0	64.0	64.0
			SHC	45.4	56.1	66.8	43.7	54.4	65.2	41.8	52.5	63.2	39.6	50.2	60.7
		72	TC	84.5	84.5	84.5	80.3	80.3	80.3	75.1	75.1	75.1	68.8	68.8	68.8
			SHC	34.5	45.2	55.9	32.9	43.5	54.2	30.9	41.4	52.0	28.5	38.7	48.9
		76	TC	–	89.2	89.2	–	84.7	84.7	–	78.8	78.8	–	71.6	71.6
			SHC	–	36.3	47.8	–	34.7	46.0	–	32.6	43.7	–	30.1	40.9
2400 Cfm	EAT (wb)	58	TC	72.0	72.0	81.2	68.7	68.7	77.5	65.2	65.2	73.5	61.1	61.1	68.9
			SHC	62.8	72.0	81.2	60.0	68.7	77.5	56.9	65.2	73.5	53.3	61.1	68.9
		62	TC	72.8	72.8	82.8	68.9	68.9	80.7	65.2	65.2	76.4	61.2	61.2	71.6
			SHC	59.1	71.0	82.8	57.2	68.9	80.7	54.1	65.2	76.4	50.7	61.2	71.6
		67	TC	79.4	79.4	79.4	75.2	75.2	75.2	70.5	70.5	70.5	65.1	65.1	65.3
			SHC	47.7	59.8	71.8	46.0	58.1	70.2	44.0	56.0	68.1	41.6	53.5	65.3
		72	TC	86.0	86.0	86.0	81.6	81.6	81.6	76.1	76.1	76.1	69.6	69.6	69.6
			SHC	35.3	47.2	59.2	33.7	45.6	57.5	31.7	43.3	55.0	29.1	40.3	51.4
		76	TC	–	90.3	90.3	–	85.7	85.7	–	79.6	79.6	–	72.1	72.1
			SHC	–	37.3	49.8	–	35.6	48.0	–	33.5	45.6	–	30.8	42.5
2700 Cfm	EAT (wb)	58	TC	60.3	60.3	74.1	71.1	71.1	80.2	67.4	67.4	76.0	63.0	63.0	71.1
			SHC	46.4	60.3	74.1	62.0	71.1	80.2	58.8	67.4	76.0	55.0	63.0	71.1
		62	TC	65.4	65.4	69.3	71.2	71.2	83.3	67.5	67.5	79.0	63.1	63.1	73.8
			SHC	41.0	55.1	69.3	59.0	71.2	83.3	55.9	67.5	79.0	52.3	63.1	73.8
		67	TC	72.7	72.7	72.7	76.3	76.3	76.3	71.5	71.5	72.6	65.8	65.8	69.4
			SHC	33.8	48.0	62.2	48.2	61.6	74.9	46.1	59.3	72.6	43.5	56.5	69.4
		72	TC	79.7	79.7	79.7	82.5	82.5	82.5	76.9	76.9	76.9	70.1	70.1	70.1
			SHC	25.8	40.2	54.6	34.5	47.5	60.5	32.3	45.0	57.7	29.7	41.7	53.8
		76	TC	–	85.1	85.1	–	86.4	86.4	–	80.2	80.2	–	72.5	72.5
			SHC	–	33.5	48.4	–	36.5	49.9	–	34.3	47.3	–	31.5	44.0
3000 Cfm	EAT (wb)	58	TC	64.9	64.9	78.8	73.1	73.1	82.5	69.2	69.2	78.0	64.5	64.5	72.7
			SHC	51.1	64.9	78.8	63.8	73.1	82.5	60.3	69.2	78.0	56.2	64.5	72.7
		62	TC	68.7	68.7	76.5	73.2	73.2	85.7	69.2	69.2	81.0	64.5	64.5	75.5
			SHC	45.5	61.0	76.5	60.7	73.2	85.7	57.4	69.2	81.0	53.5	64.5	75.5
		67	TC	75.6	75.6	75.6	77.2	77.2	79.4	72.2	72.2	76.8	66.3	66.3	73.0
			SHC	36.6	52.2	67.7	50.2	64.8	79.4	48.0	62.4	76.8	45.1	59.1	73.0
		72	TC	82.6	82.6	82.6	83.3	83.3	83.3	77.5	77.5	77.5	70.5	70.5	70.5
			SHC	27.2	42.8	58.5	35.1	49.2	63.3	32.9	46.6	60.3	30.2	43.0	55.9
		76	TC	–	87.5	87.5	–	86.9	86.9	–	80.6	80.6	–	72.8	72.8
			SHC	–	35.0	51.5	–	37.3	51.6	–	35.0	48.9	–	32.1	45.3

LEGEND:

- Do not operate in this region
- Cfm – Cubic feet per minute (supply air)
- EAT(db) – Entering air temperature (dry bulb)
- EAT(wb) – Entering air temperature (wet bulb)
- SHC – Sensible heat capacity
- TC – Total capacity

558J07 (6 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		80 dry bulb			80 dry bulb			80 dry bulb		
		72 wet bulb			67 wet bulb			62 wet bulb		
		2100	2400	2700	2100	2400	2700	2100	2400	2700
75	TC	86.7	89.9	92.8	79.3	82.3	84.9	71.9	74.6	77.0
	SHC	40.1	41.8	43.3	46.9	48.5	49.9	53.7	55.2	56.5
	kW	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2
85	TC	79.5	82.6	85.4	72.5	75.3	77.9	65.4	68.0	70.3
	SHC	32.1	34.0	35.7	40.7	42.5	44.1	49.4	51.0	52.5
	kW	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9
95	TC	72.4	75.3	78.1	65.6	68.3	70.8	58.8	61.3	63.6
	SHC	24.1	26.3	28.1	34.6	36.6	38.3	45.1	46.9	48.5
	kW	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.6
105	TC	65.2	68.1	70.7	58.7	61.4	63.8	52.3	54.7	56.8
	SHC	16.2	18.5	20.5	28.5	30.6	32.6	40.7	42.8	44.6
	kW	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.3
115	TC	58.0	60.8	63.3	51.9	54.4	56.7	45.7	48.0	50.1
	SHC	8.2	10.7	13.0	22.3	24.7	26.8	36.4	38.6	40.6
	kW	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0

558J07 (6 TONS) – UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
Air Entering Evaporator – CFM										
Temp (F) Air Ent Condenser (Edb)		75 dry bulb			75 dry bulb			75 dry bulb		
		62.5 wet bulb (50% relative)			64 wet bulb (55% relative)			65.3 wet bulb (60% relative)		
		2100	2400	2700	2100	2400	2700	1750	2000	2700
80	TC	16.7	19.8	22.5	18.8	21.9	24.7	16.2	19.4	26.7
	SHC	0.6	0.6	0.6	-0.4	-0.4	-0.4	-1.3	-1.3	-1.3
	kW	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
75	TC	17.7	20.6	23.1	19.6	22.6	25.3	17.3	20.3	27.1
	SHC	0.6	0.6	0.6	-0.3	-0.3	-0.3	-1.2	-1.2	-1.2
	kW	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
70	TC	18.6	21.3	23.7	20.5	23.3	25.8	18.3	21.1	27.6
	SHC	0.7	0.7	0.7	-0.2	-0.2	-0.2	-1.0	-1.0	-1.0
	kW	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1
60	TC	20.5	22.9	25.0	22.2	24.7	26.8	20.4	22.8	28.5
	SHC	0.7	0.7	0.7	-0.0	-0.0	-0.0	-0.7	-0.7	-0.7
	kW	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
50	TC	22.4	24.4	26.2	24.0	26.0	27.9	22.4	24.5	29.3
	SHC	0.8	0.8	0.8	0.1	0.1	0.1	-0.4	-0.4	-0.4
	kW	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2
40	TC	24.3	25.9	27.4	25.7	27.4	28.9	24.5	26.3	30.2
	SHC	0.8	0.8	0.8	0.3	0.3	0.3	-0.1	-0.1	-0.1
	kW	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

t_{lwb} = Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil (h_{lwb})

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

1-STAGE COOLING

7.5 TONS

558J 08 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EA (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
2250 Cfm	EAT (wb)	58	TC	81.2	81.2	91.8	77.5	77.5	87.7	73.6	73.6	83.3	69.5	69.5	78.7
			SHC	70.5	81.2	91.8	67.3	77.5	87.7	63.9	73.6	83.3	60.4	69.5	78.7
		62	TC	86.9	86.9	86.9	82.3	82.3	84.0	77.2	77.2	81.5	71.9	71.9	78.8
			SHC	63.6	74.9	86.2	61.4	72.7	84.0	58.9	70.2	81.5	56.3	67.6	78.8
		67	TC	95.2	95.2	95.2	90.7	90.7	90.7	85.7	85.7	85.7	79.9	79.9	79.9
			SHC	52.8	64.2	75.6	50.9	62.2	73.6	48.8	60.1	71.5	46.3	57.6	68.9
		72	TC	103.5	103.5	103.5	98.9	98.9	98.9	93.8	93.8	93.8	87.3	87.3	87.3
			SHC	41.5	53.1	64.6	39.7	51.2	62.7	37.7	49.2	60.6	35.3	46.6	57.8
		76	TC	–	109.6	109.6	–	104.8	104.8	–	99.1	99.1	–	91.6	91.6
			SHC	–	43.7	56.0	–	42.0	54.3	–	40.0	52.4	–	37.4	49.8
2625 Cfm	EAT (wb)	58	TC	85.9	85.9	97.2	82.2	82.2	93.1	78.1	78.1	88.4	73.9	73.9	83.6
			SHC	74.6	85.9	97.2	71.4	82.2	93.1	67.9	78.1	88.4	64.1	73.9	83.6
		62	TC	89.6	89.6	94.1	85.1	85.1	91.7	80.1	80.1	89.1	74.6	74.6	86.0
			SHC	68.1	81.1	94.1	65.9	78.8	91.7	63.4	76.3	89.1	60.6	73.3	86.0
		67	TC	97.9	97.9	97.9	93.2	93.2	93.2	88.1	88.1	88.1	82.0	82.0	82.0
			SHC	55.7	68.7	81.7	53.7	66.7	79.8	51.6	64.6	77.6	49.0	62.0	74.9
		72	TC	106.0	106.0	106.0	101.3	101.3	101.3	95.9	95.9	95.9	89.0	89.0	89.0
			SHC	42.7	55.8	68.9	40.9	53.9	67.0	38.8	51.8	64.7	36.2	48.9	61.7
		76	TC	–	111.8	111.8	–	106.9	106.9	–	100.7	100.7	–	92.7	92.7
			SHC	–	45.3	59.8	–	43.6	58.0	–	41.4	55.6	–	38.7	52.6
3000 Cfm	EAT (wb)	58	TC	89.6	89.6	101.4	85.9	85.9	97.2	81.7	81.7	92.5	77.0	77.0	87.1
			SHC	77.9	89.6	101.4	74.6	85.9	97.2	71.0	81.7	92.5	66.9	77.0	87.1
		62	TC	91.8	91.8	101.1	87.2	87.2	98.6	82.3	82.3	95.5	77.1	77.1	90.6
			SHC	72.2	86.7	101.1	69.9	84.3	98.6	67.2	81.3	95.5	63.5	77.1	90.6
		67	TC	99.9	99.9	99.9	95.2	95.2	95.2	89.9	89.9	89.9	83.6	83.6	83.6
			SHC	58.3	72.9	87.5	56.4	71.0	85.5	54.2	68.8	83.4	51.6	66.1	80.5
		72	TC	107.9	107.9	107.9	103.0	103.0	103.0	97.3	97.3	97.3	90.1	90.1	90.1
			SHC	43.7	58.3	72.8	41.9	56.4	70.9	39.7	54.1	68.4	37.0	51.0	65.0
		76	TC	–	113.8	113.8	–	108.4	108.4	–	102.0	102.0	–	93.4	93.4
			SHC	–	46.7	62.5	–	44.8	60.4	–	42.6	57.9	–	39.6	54.7
3375 Cfm	EAT (wb)	58	TC	92.7	92.7	104.9	88.8	88.8	100.5	84.6	84.6	95.7	79.6	79.6	90.0
			SHC	80.5	92.7	104.9	77.1	88.8	100.5	73.4	84.6	95.7	69.1	79.6	90.0
		62	TC	93.7	93.7	107.3	89.1	89.1	104.7	84.6	84.6	99.5	79.6	79.6	93.6
			SHC	75.8	91.6	107.3	73.5	89.1	104.7	69.8	84.6	99.5	65.6	79.6	93.6
		67	TC	101.5	101.5	101.5	96.7	96.7	96.7	91.3	91.3	91.3	84.8	84.8	85.7
			SHC	60.8	76.9	93.0	58.8	74.9	91.0	56.7	72.8	88.9	53.9	69.8	85.7
		72	TC	109.4	109.4	109.4	104.3	104.3	104.3	98.4	98.4	98.4	90.9	90.9	90.9
			SHC	44.6	60.5	76.4	42.8	58.6	74.4	40.5	56.2	71.8	37.7	52.8	68.0
		76	TC	–	115.1	115.1	–	109.5	109.5	–	102.8	102.8	–	94.0	94.0
			SHC	–	47.8	64.9	–	45.9	62.7	–	43.5	60.1	–	40.4	56.5
3750 Cfm	EAT (wb)	58	TC	95.3	95.3	107.8	91.3	91.3	103.3	86.9	86.9	98.3	81.7	81.7	92.4
			SHC	82.7	95.3	107.8	79.3	91.3	103.3	75.5	86.9	98.3	70.9	81.7	92.4
		62	TC	95.5	95.5	112.2	91.3	91.3	107.4	87.0	87.0	102.2	81.7	81.7	96.0
			SHC	78.7	95.5	112.2	75.3	91.3	107.4	71.7	87.0	102.2	67.4	81.7	96.0
		67	TC	102.8	102.8	102.8	97.9	97.9	97.9	92.3	92.3	94.0	85.7	85.7	90.5
			SHC	63.1	80.6	98.2	61.2	78.7	96.3	59.0	76.5	94.0	56.0	73.2	90.5
		72	TC	110.6	110.6	110.6	105.4	105.4	105.4	99.2	99.2	99.2	91.5	91.5	91.5
			SHC	45.5	62.7	79.9	43.5	60.7	77.8	41.3	58.1	75.0	38.3	54.5	70.7
		76	TC	–	116.1	116.1	–	110.3	110.3	–	103.5	103.5	–	94.5	94.5
			SHC	–	48.9	67.0	–	46.8	64.8	–	44.4	62.0	–	41.1	58.1

LEGEND:

- Do not operate in this region
- Cfm Cubic feet per minute (supply air)
- EAT(db) Entering air temperature (dry bulb)
- EAT(wb) Entering air temperature (wet bulb)
- SHC Sensible heat capacity
- TC Total capacity

Table 6 - COOLING CAPACITIES (cont.)

2-STAGE COOLING

7.5 TONS

558J 08 (RTPF & Novation)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EA (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
2250 Cfm	EAT (wb)	58	TC	77.4	77.4	87.8	73.8	73.8	83.8	70.1	70.1	79.5	66.0	66.0	74.9
			SHC	66.9	77.4	87.8	63.9	73.8	83.8	60.6	70.1	79.5	57.1	66.0	74.9
		62	TC	82.2	82.2	83.9	77.5	77.5	81.7	72.6	72.6	79.2	67.3	67.3	76.4
			SHC	60.8	72.4	83.9	58.6	70.1	81.7	56.3	67.7	79.2	53.6	65.0	76.4
		67	TC	90.1	90.1	90.1	86.0	86.0	86.0	81.4	81.4	81.4	75.9	75.9	75.9
			SHC	50.2	61.8	73.3	48.5	60.1	71.6	46.5	58.1	69.7	44.2	55.8	67.4
		72	TC	98.0	98.0	98.0	94.0	94.0	94.0	89.5	89.5	89.5	84.3	84.3	84.3
			SHC	39.1	50.7	62.4	37.5	49.2	60.9	35.8	47.5	59.2	33.8	45.5	57.2
		76	TC	–	104.3	104.3	–	100.4	100.4	–	95.9	95.9	–	90.7	90.7
			SHC	–	41.7	54.0	–	40.3	52.7	–	38.7	51.0	–	36.8	49.0
2625 Cfm	EAT (wb)	58	TC	82.1	82.1	93.2	78.4	78.4	89.0	74.4	74.4	84.4	70.0	70.0	79.5
			SHC	71.0	82.1	93.2	67.8	78.4	89.0	64.3	74.4	84.4	60.6	70.0	79.5
		62	TC	84.9	84.9	91.8	80.4	80.4	89.5	75.4	75.4	86.7	70.2	70.2	82.9
			SHC	65.4	78.6	91.8	63.2	76.3	89.5	60.6	73.7	86.7	57.6	70.2	82.9
		67	TC	92.5	92.5	92.5	88.3	88.3	88.3	83.6	83.6	83.6	78.3	78.3	78.3
			SHC	53.0	66.3	79.5	51.3	64.6	78.0	49.4	62.8	76.1	47.2	60.6	73.9
		72	TC	100.4	100.4	100.4	96.4	96.4	96.4	91.7	91.7	91.7	86.4	86.4	86.4
			SHC	40.2	53.5	66.7	38.7	52.0	65.3	36.9	50.3	63.7	35.0	48.4	61.8
		76	TC	–	106.5	106.5	–	102.6	102.6	–	98.0	98.0	–	92.7	92.7
			SHC	–	43.3	57.6	–	41.8	55.9	–	40.2	54.1	–	38.4	52.2
3000 Cfm	EAT (wb)	58	TC	85.7	85.7	97.3	82.2	82.2	93.3	78.0	78.0	88.6	73.5	73.5	83.4
			SHC	74.1	85.7	97.3	71.1	82.2	93.3	67.5	78.0	88.6	63.6	73.5	83.4
		62	TC	86.9	86.9	98.7	82.8	82.8	96.4	78.2	78.2	92.3	73.6	73.6	86.9
			SHC	69.3	84.0	98.7	67.2	81.8	96.4	64.1	78.2	92.3	60.3	73.6	86.9
		67	TC	94.3	94.3	94.3	90.1	90.1	90.1	85.2	85.2	85.2	79.8	79.8	80.1
			SHC	55.6	70.5	85.4	54.0	68.9	83.9	52.1	67.1	82.2	49.9	65.0	80.1
		72	TC	102.2	102.2	102.2	98.1	98.1	98.1	93.3	93.3	93.3	87.9	87.9	87.9
			SHC	41.2	56.0	70.7	39.7	54.6	69.5	38.0	53.0	68.0	36.0	51.1	66.2
		76	TC	–	108.1	108.1	–	104.2	104.2	–	99.5	99.5	–	94.2	94.2
			SHC	–	44.5	60.2	–	43.2	58.7	–	41.6	57.0	–	39.8	55.2
3375 Cfm	EAT (wb)	58	TC	88.5	88.5	100.4	85.0	85.0	96.4	81.0	81.0	92	76.5	76.5	86.8
			SHC	76.5	88.5	100.4	73.5	85.0	96.4	70.1	81.0	92	66.1	76.5	86.8
		62	TC	88.9	88.9	103.9	85.1	85.1	100.4	81.1	81.1	95.7	76.5	76.5	90.3
			SHC	72.3	88.1	103.9	69.7	85.1	100.4	66.5	81.1	95.7	62.7	76.5	90.3
		67	TC	95.8	95.8	95.8	91.5	91.5	91.5	86.6	86.6	87.9	81.1	81.1	85.8
			SHC	58.0	74.4	90.9	56.4	73.0	89.6	54.6	71.3	87.9	52.4	69.1	85.8
		72	TC	103.6	103.6	103.6	99.4	99.4	99.4	94.6	94.6	94.6	89.1	89.1	89.1
			SHC	42.0	58.3	74.5	40.6	57.0	73.4	38.9	55.5	72.0	37.0	53.7	70.3
		76	TC	–	109.2	109.2	–	105.4	105.4	–	100.7	100.7	–	95.3	95.3
			SHC	–	45.6	62.6	–	44.4	61.3	–	42.8	59.7	–	41.0	58.0
3750 Cfm	EAT (wb)	58	TC	90.8	90.8	103.0	87.3	87.3	99.1	83.3	83.3	94.5	78.8	78.8	89.4
			SHC	78.5	90.8	103.0	75.5	87.3	99.1	72.0	83.3	94.5	68.2	78.8	89.4
		62	TC	90.9	90.9	107.2	87.4	87.4	103.1	83.3	83.3	98.4	78.9	78.9	93.1
			SHC	74.5	90.9	107.2	71.6	87.4	103.1	68.3	83.3	98.4	64.7	78.9	93.1
		67	TC	97.0	97.0	97.0	92.6	92.6	95.1	87.6	87.6	93.4	82.1	82.1	91.2
			SHC	60.3	78.2	96.2	58.8	76.9	95.1	56.9	75.2	93.4	54.8	73.0	91.2
		72	TC	104.7	104.7	104.7	100.5	100.5	100.5	95.6	95.6	95.6	90.1	90.1	90.1
			SHC	42.9	60.5	78.1	41.4	59.3	77.1	39.8	57.8	75.9	37.9	56.1	74.3
		76	TC	–	110.2	110.2	–	106.2	106.2	–	101.6	101.6	–	96.1	96.1
			SHC	–	46.7	64.8	–	45.4	63.6	–	44.0	62.3	–	42.2	60.6

* See Minimum–Maximum Airflow Ratings in Table 3. Do not operate outside these limits.

LEGEND:

- Do not operate in this region
- Cfm Cubic feet per minute (supply air)
- EAT(db) Entering air temperature (dry bulb)
- EAT(wb) Entering air temperature (wet bulb)
- SHC Sensible heat capacity
- TC Total capacity

Table 6 - COOLING CAPACITIES (cont.) 2-STAGE COOLING

7.5 TONS

558J08 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – CFM								
		2250/0.05			3000/0.07			3750/0.09		
		Air Entering Evaporator – Ewb (F)								
		72	67	62	72	67	62	72	67	62
75	TC	103.05	93.02	83.60	109.77	99.52	90.08	114.01	103.69	95.19
	SHC	43.66	55.34	67.09	50.99	66.29	81.31	57.49	76.27	92.20
	kW	4.90	4.83	4.77	4.82	4.88	4.96	4.99	4.91	4.85
85	TC	95.39	85.83	76.88	101.59	91.89	82.95	105.53	95.76	87.77
	SHC	36.42	48.47	60.60	43.24	58.99	74.40	49.44	68.68	84.90
	kW	5.49	5.42	5.36	5.40	5.47	5.54	5.58	5.50	5.44
95	TC	87.48	78.44	69.97	93.21	84.05	75.61	96.84	87.63	80.14
	SHC	28.98	41.46	53.97	35.32	51.53	67.34	41.21	60.92	77.41
	kW	6.16	6.09	6.03	6.08	6.14	6.21	6.24	6.17	6.11
105	TC	79.35	70.83	62.84	84.57	75.96	68.04	87.88	79.23	72.26
	SHC	21.34	34.26	47.18	27.17	43.86	60.08	32.73	52.95	69.70
	kW	6.93	6.86	6.81	6.85	6.91	6.97	7.00	6.93	6.88
115	TC	70.87	62.89	55.42	75.58	67.54	60.15	78.56	70.51	64.06
	SHC	13.40	26.79	40.14	18.70	35.89	52.54	23.94	44.68	61.67
	kW	7.79	7.74	7.69	7.73	7.78	7.83	7.86	7.80	7.76

558J08 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – Ewb (F)								
		75 Dry Bulb 62.5 Wet Bulb (50% Relative)			75 Dry Bulb 64 Wet Bulb (56% Relative)			75 Dry Bulb 65.3 Wet Bulb (60% Relative)		
		Air Entering Evaporator – Cfm								
		2250	3000	3750	2250	3000	3750	2250	3000	3750
80	TC	27.60	32.75	30.19	40.09	39.43	37.73	45.06	45.25	44.25
	SHC	–3.12	5.20	6.71	3.75	5.24	6.75	3.77	5.26	6.78
	kW	4.56	4.51	4.46	4.63	4.60	4.56	4.70	4.67	4.64
75	TC	35.40	33.78	31.20	41.14	40.51	38.80	46.15	46.37	45.38
	SHC	4.67	6.17	7.69	4.71	6.21	7.73	4.74	6.24	7.76
	kW	4.41	4.36	4.39	4.41	4.36	4.36	4.41	4.39	4.36
70	TC	36.36	34.71	32.18	42.10	41.47	39.77	47.08	47.31	46.32
	SHC	5.63	7.14	8.66	5.67	7.18	8.71	5.70	7.21	8.74
	kW	4.43	4.49	4.41	4.44	4.40	4.39	4.49	4.47	4.44
60	TC	38.25	36.64	34.15	43.97	43.37	41.72	48.98	49.22	48.26
	SHC	7.56	9.09	10.62	7.60	9.13	10.66	7.62	9.15	10.69
	kW	4.56	4.55	4.43	4.57	4.53	4.46	4.56	4.55	4.50
50	TC	40.15	38.60	36.14	45.95	45.37	43.73	50.57	50.97	49.56
	SHC	9.48	11.03	12.58	9.52	11.07	12.62	9.54	11.10	12.64
	kW	4.63	4.52	4.38	4.45	4.41	4.33	5.25	4.91	5.60
40	TC	42.18	40.62	38.11	47.80	47.25	45.43	52.65	52.75	51.83
	SHC	11.41	12.98	14.54	11.45	13.02	14.58	11.47	13.04	14.60
	kW	4.32	4.37	4.37	4.65	4.60	4.89	4.96	5.20	5.12

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

t_{lwb} = Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil (h_{lwb})

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

1-STAGE COOLING

8.5 TONS

558J 09 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
2550 Cfm	EAT (wb)	58	TC	88.1	88.1	99.9	84.1	84.1	95.3	79.6	79.6	90.3	74.9	74.9	84.9
			SHC	76.4	88.1	99.9	72.8	84.1	95.3	69.0	79.6	90.3	64.9	74.9	84.9
		62	TC	93.9	93.9	95.2	88.6	88.6	92.6	82.8	82.8	89.7	76.6	76.6	86.5
			SHC	69.4	82.3	95.2	66.8	79.7	92.6	64.1	76.9	89.7	61.0	73.8	86.5
		67	TC	103.8	103.8	103.8	98.7	98.7	98.7	93.0	93.0	93.0	86.7	86.7	86.7
			SHC	57.8	70.7	83.6	55.6	68.5	81.4	53.1	66.1	79.0	50.5	63.4	76.4
		72	TC	113.1	113.1	113.1	108.0	108.0	108.0	102.4	102.4	102.4	96.1	96.1	96.1
			SHC	45.2	58.3	71.3	43.2	56.3	69.3	41.1	54.1	67.1	38.7	51.7	64.7
		76	TC	–	119.9	119.9	–	114.7	114.7	–	109.0	109.0	–	102.7	102.7
			SHC	–	47.9	61.9	–	46.0	60.1	–	44.1	58.1	–	41.9	55.8
2975 Cfm	EAT (wb)	58	TC	93.6	93.6	106.1	89.3	89.3	101.2	84.6	84.6	96.0	79.6	79.6	90.3
			SHC	81.1	93.6	106.1	77.4	89.3	101.2	73.3	84.6	96.0	69.0	79.6	90.3
		62	TC	97.5	97.5	104.3	92.0	92.0	101.4	86.1	86.1	98.3	79.8	79.8	94.1
			SHC	74.7	89.5	104.3	72.0	86.7	101.4	69.1	83.7	98.3	65.6	79.8	94.1
		67	TC	106.7	106.7	106.7	101.5	101.5	101.5	95.7	95.7	95.7	89.2	89.2	89.2
			SHC	61.0	75.8	90.6	58.8	73.6	88.5	56.4	71.3	86.1	53.8	68.7	83.6
		72	TC	115.8	115.8	115.8	110.6	110.6	110.6	104.9	104.9	104.9	98.4	98.4	98.4
			SHC	46.5	61.3	76.2	44.5	59.4	74.2	42.3	57.2	72.1	40.0	54.8	69.7
		76	TC	–	122.4	122.4	–	117.0	117.0	–	111.1	111.1	–	104.5	104.5
			SHC	–	49.8	66.1	–	47.8	63.9	–	45.7	61.6	–	43.4	59.0
3400 Cfm	EAT (wb)	58	TC	98.1	98.1	111.3	93.7	93.7	106.2	88.9	88.9	100.8	83.7	83.7	94.9
			SHC	85.0	98.1	111.3	81.2	93.7	106.2	77.0	88.9	100.8	72.5	83.7	94.9
		62	TC	100.0	100.0	112.3	94.9	94.9	108.6	89.1	89.1	104.9	83.8	83.8	98.7
			SHC	79.3	95.8	112.3	76.3	92.5	108.6	73.2	89.1	104.9	68.8	83.8	98.7
		67	TC	109.0	109.0	109.0	103.6	103.6	103.6	97.6	97.6	97.6	91.0	91.0	91.0
			SHC	63.9	80.5	97.2	61.8	78.5	95.2	59.4	76.1	92.9	56.8	73.5	90.3
		72	TC	117.9	117.9	117.9	112.5	112.5	112.5	106.6	106.6	106.6	100.0	100.0	100.0
			SHC	47.6	64.1	80.6	45.6	62.1	78.7	43.4	60.0	76.6	41.1	57.6	74.2
		76	TC	–	124.2	124.2	–	118.6	118.6	–	112.5	112.5	–	105.7	105.7
			SHC	–	51.2	69.0	–	49.2	66.7	–	47.0	64.4	–	44.7	61.9
3825 Cfm	EAT (wb)	58	TC	101.6	101.6	115.1	97.2	97.2	110.1	92.3	92.3	104.6	87.0	87.0	98.6
			SHC	88.0	101.6	115.1	84.2	97.2	110.1	80.0	92.3	104.6	75.4	87.0	98.6
		62	TC	101.9	101.9	120.0	97.3	97.3	114.6	92.4	92.4	108.9	87.1	87.1	102.6
			SHC	83.7	101.8	120.0	79.9	97.3	114.6	75.9	92.4	108.9	71.6	87.1	102.6
		67	TC	110.7	110.7	110.7	105.3	105.3	105.3	99.2	99.2	99.3	92.5	92.5	96.7
			SHC	66.7	85.0	103.4	64.6	83.0	101.5	62.2	80.8	99.3	59.6	78.2	96.7
		72	TC	119.4	119.4	119.4	114.0	114.0	114.0	108.0	108.0	108.0	101.3	101.3	101.3
			SHC	48.5	66.6	84.6	46.6	64.7	82.7	44.4	62.6	80.7	42.1	60.2	78.4
		76	TC	–	125.5	125.5	–	119.8	119.8	–	113.6	113.6	–	106.7	106.7
			SHC	–	52.4	71.5	–	50.4	69.3	–	48.2	67.0	–	45.9	64.4
4250 Cfm	EAT (wb)	58	TC	104.4	104.4	118.3	99.9	99.9	113.2	95.0	95.0	107.6	89.5	89.5	101.5
			SHC	90.4	104.4	118.3	86.6	99.9	113.2	82.3	95.0	107.6	77.6	89.5	101.5
		62	TC	104.4	104.4	123.0	99.9	99.9	117.8	95.0	95.0	112.0	89.6	89.6	105.6
			SHC	85.8	104.4	123.0	82.1	99.9	117.8	78.1	95.0	112.0	73.6	89.6	105.6
		67	TC	112.1	112.1	112.1	106.6	106.6	107.5	100.4	100.4	105.3	93.6	93.6	102.7
			SHC	69.2	89.2	109.2	67.2	87.3	107.5	64.9	85.1	105.3	62.3	82.5	102.7
		72	TC	120.7	120.7	120.7	115.1	115.1	115.1	109.0	109.0	109.0	102.2	102.2	102.2
			SHC	49.4	68.9	88.4	47.4	67.0	86.5	45.3	64.9	84.6	42.9	62.6	82.3
		76	TC	–	126.6	126.6	–	120.8	120.8	–	114.5	114.5	–	107.4	107.4
			SHC	–	53.5	73.9	–	51.5	71.7	–	49.3	69.4	–	46.9	66.8

LEGEND:

- Do not operate in this region
- Cfm Cubic feet per minute (supply air)
- EAT(db) Entering air temperature (dry bulb)
- EAT(wb) Entering air temperature (wet bulb)
- SHC Sensible heat capacity
- TC Total capacity

Table 6 - COOLING CAPACITIES (cont.)

2-STAGE COOLING

8.5 TONS

558J 09 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EA (dB)			EA (dB)			EA (dB)			EA (dB)		
				75	80	85	75	80	85	75	80	85	75	80	85
2550 Cfm	EAT (wb)	58	TC	89.7	89.7	101.6	85.2	85.2	96.5	79.6	79.6	90.1	73.8	73.8	83.6
			SHC	77.8	89.7	101.6	73.9	85.2	96.5	69.0	79.6	90.1	64.0	73.8	83.6
		62	TC	94.3	94.3	97.9	88.7	88.7	95.2	81.3	81.3	91.5	74.3	74.3	86.5
			SHC	71.0	84.4	97.9	68.2	81.7	95.2	64.7	78.1	91.5	60.6	73.6	86.5
		67	TC	105.0	105.0	105.0	99.3	99.3	99.3	92.2	92.2	92.2	84.1	84.1	84.1
			SHC	59.0	72.6	86.1	56.6	70.1	83.7	53.6	67.1	80.7	50.3	63.8	77.3
		72	TC	115.9	115.9	115.9	110.4	110.4	110.4	104.2	104.2	104.2	96.0	96.0	96.0
			SHC	46.4	60.0	73.6	44.3	57.9	71.5	41.9	55.5	69.1	38.8	52.4	65.9
		76	TC	–	123.7	123.7	–	118.3	118.3	–	112.4	112.4	–	105.7	105.7
			SHC	–	49.3	63.3	–	47.3	61.4	–	45.3	59.3	–	42.9	56.7
2975 Cfm	EAT (wb)	58	TC	95.3	95.3	107.9	90.7	90.7	102.7	84.8	84.8	96.1	78.7	78.7	89.1
			SHC	82.6	95.3	107.9	78.6	90.7	102.7	73.5	84.8	96.1	68.2	78.7	89.1
		62	TC	97.9	97.9	107.8	92.1	92.1	104.7	85.4	85.4	99.4	78.8	78.8	92.8
			SHC	76.7	92.2	107.8	73.9	89.3	104.7	69.6	84.5	99.4	64.8	78.8	92.8
		67	TC	108.5	108.5	108.5	102.6	102.6	102.6	95.4	95.4	95.4	86.9	86.9	86.9
			SHC	62.8	78.4	94.1	60.4	76.0	91.7	57.4	73.1	88.8	54.0	69.7	85.3
		72	TC	119.1	119.1	119.1	113.5	113.5	113.5	107.2	107.2	107.2	99.2	99.2	99.2
			SHC	47.9	63.5	79.2	45.8	61.5	77.1	43.5	59.2	74.9	40.6	56.3	72.0
		76	TC	–	126.4	126.4	–	120.8	120.8	–	114.8	114.8	–	108.2	108.2
			SHC	–	51.1	67.4	–	49.2	65.3	–	47.0	63.0	–	44.8	60.7
3400 Cfm	EAT (wb)	58	TC	100.0	100.0	113.3	95.2	95.2	107.9	89.3	89.3	101.1	82.9	82.9	93.9
			SHC	86.7	100.0	113.3	82.6	95.2	107.9	77.4	89.3	101.1	71.8	82.9	93.9
		62	TC	101.1	101.1	115.8	95.7	95.7	111.7	89.4	89.4	105.3	83.0	83.0	97.7
			SHC	81.5	98.7	115.8	78.2	94.9	111.7	73.5	89.4	105.3	68.2	83.0	97.7
		67	TC	111.1	111.1	111.1	105.1	105.1	105.1	97.8	97.8	97.8	89.1	89.1	93.0
			SHC	66.2	83.9	101.6	63.9	81.6	99.3	61.0	78.7	96.5	57.5	75.3	93.0
		72	TC	121.3	121.3	121.3	115.6	115.6	115.6	109.4	109.4	109.4	101.5	101.5	101.5
			SHC	49.2	66.7	84.3	47.1	64.7	82.3	44.9	62.5	80.2	42.1	59.9	77.7
		76	TC	–	128.3	128.3	–	122.6	122.6	–	116.3	116.3	–	109.7	109.7
			SHC	–	52.7	70.7	–	50.7	68.6	–	48.6	66.4	–	46.4	64.2
3825 Cfm	EAT (wb)	58	TC	104.0	104.0	117.8	99.1	99.1	112.3	93.2	93.2	105.5	86.5	86.5	97.9
			SHC	90.2	104.0	117.8	86.0	99.1	112.3	80.8	93.2	105.5	75.0	86.5	97.9
		62	TC	104.2	104.2	122.7	99.3	99.3	116.9	93.3	93.3	109.8	86.6	86.6	101.9
			SHC	85.7	104.2	122.7	81.7	99.3	116.9	76.7	93.3	109.8	71.2	86.6	101.9
		67	TC	113.1	113.1	113.1	107.1	107.1	107.1	99.9	99.9	103.8	91.0	91.0	100.3
			SHC	69.4	89.1	108.8	67.1	86.8	106.5	64.3	84.1	103.8	60.9	80.6	100.3
		72	TC	123.0	123.0	123.0	117.2	117.2	117.2	110.9	110.9	110.9	103.3	103.3	103.3
			SHC	50.3	69.7	89.0	48.3	67.7	87.1	46.1	65.6	85.2	43.5	63.3	83.0
		76	TC	–	129.7	129.7	–	124.0	124.0	–	117.5	117.5	–	110.8	110.8
			SHC	–	54.0	73.7	–	52.1	71.7	–	50.0	69.5	–	47.8	67.4
4250 Cfm	EAT (wb)	58	TC	107.4	107.4	121.7	102.5	102.5	116.1	96.5	96.5	109.3	89.5	89.5	101.4
			SHC	93.1	107.4	121.7	88.9	102.5	116.1	83.7	96.5	109.3	77.6	89.5	101.4
		62	TC	107.5	107.5	126.6	102.6	102.6	120.8	96.6	96.6	113.7	89.6	89.6	105.5
			SHC	88.4	107.5	126.6	84.4	102.6	120.8	79.5	96.6	113.7	73.7	89.6	105.5
		67	TC	114.7	114.7	115.6	108.7	108.7	113.5	101.7	101.7	110.8	92.6	92.6	107.2
			SHC	72.5	94.0	115.6	70.2	91.8	113.5	67.5	89.2	110.8	64.0	85.6	107.2
		72	TC	124.3	124.3	124.3	118.5	118.5	118.5	112.1	112.1	112.1	104.7	104.7	104.7
			SHC	51.3	72.4	93.4	49.3	70.5	91.7	47.2	68.5	89.9	44.7	66.4	88.1
		76	TC	–	130.7	130.7	–	125.0	125.0	–	118.5	118.5	–	111.6	111.6
			SHC	–	55.3	76.5	–	53.5	74.6	–	51.3	72.4	–	49.2	70.3

* See Minimum–Maximum Airflow Ratings in Table 3. Do not operate outside these limits.

LEGEND:

- Do not operate in this region
- Cfm – Cubic feet per minute (supply air)
- EAT(db) – Entering air temperature (dry bulb)
- EAT(wb) – Entering air temperature (wet bulb)
- SHC – Sensible heat capacity
- TC – Total capacity

Table 6 - COOLING CAPACITIES (cont.) 2-STAGE COOLING

8.5 TONS

558J09 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – CFM								
		2550/0.04			3400/0.05			4250/0.07		
		Air Entering Evaporator – Ewb (F)								
		72	67	62	72	67	62	72	67	62
75	TC	119.20	107.44	96.41	126.95	114.98	103.92	131.87	119.81	109.54
	SHC	50.63	63.94	77.40	59.17	76.72	94.21	66.80	88.44	108.22
	kW	5.67	5.57	5.47	5.54	5.63	5.74	5.79	5.68	5.59
85	TC	110.40	99.22	88.76	117.63	106.26	95.77	122.21	110.77	101.07
	SHC	42.39	56.16	70.07	50.42	68.45	86.38	57.71	79.86	99.95
	kW	6.33	6.23	6.14	6.20	6.30	6.40	6.45	6.34	6.25
95	TC	101.37	90.79	80.86	108.07	97.31	87.39	112.29	101.47	92.38
	SHC	33.97	48.22	62.56	41.46	60.01	78.39	48.40	71.09	91.47
	kW	7.08	6.99	6.90	6.96	7.05	7.16	7.20	7.09	7.01
105	TC	92.04	82.06	72.71	98.19	88.05	78.72	102.07	91.86	83.40
	SHC	25.31	40.06	54.88	32.24	51.33	70.17	38.85	62.06	82.67
	kW	7.94	7.85	7.77	7.83	7.91	8.01	8.06	7.95	7.87
115	TC	82.37	73.01	64.24	87.95	78.45	69.73	91.46	81.90	74.09
	SHC	16.38	31.65	46.95	22.71	42.37	61.69	28.94	52.74	73.52
	kW	8.92	8.84	8.77	8.82	8.89	8.98	9.02	8.93	8.86

558J09 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – Ewb (F)								
		75 Dry Bulb 62.5 Wet Bulb (50% Relative)			75 Dry Bulb 64 Wet Bulb (56% Relative)			75 Dry Bulb 65.3 Wet Bulb (60% Relative)		
		Air Entering Evaporator – Cfm								
		2550	3400	4250	2550	3400	4250	2550	3400	4250
80	TC	37.61	33.13	26.77	44.74	41.60	36.46	50.96	48.99	44.93
	SHC	–0.52	–0.63	–0.73	–0.46	–0.57	–0.67	–0.42	–0.53	–0.62
	kW	5.88	5.68	5.44	6.13	5.97	5.76	6.35	6.24	6.06
75	TC	38.71	34.24	27.86	45.84	42.73	37.59	52.05	50.11	46.06
	SHC	0.45	0.34	0.25	0.50	0.40	0.31	0.54	0.44	0.36
	kW	5.68	5.47	5.22	5.94	5.78	5.56	6.18	6.07	5.88
70	TC	39.70	35.25	28.83	46.80	43.70	38.59	52.97	51.04	47.02
	SHC	1.41	1.32	1.23	1.47	1.37	1.29	1.50	1.41	1.34
	kW	5.65	5.42	5.24	5.97	5.79	5.53	6.26	6.13	5.91
60	TC	41.77	37.33	30.76	48.86	45.80	40.71	55.00	53.10	49.12
	SHC	3.34	3.26	3.18	3.40	3.32	3.25	3.43	3.36	3.29
	kW	5.42	5.15	5.17	5.80	5.59	5.30	6.16	6.01	5.75
50	TC	43.83	39.27	32.61	50.92	47.89	42.70	57.04	55.16	51.22
	SHC	5.27	5.21	5.14	5.32	5.27	5.21	5.36	5.31	5.25
	kW	5.18	5.15	5.17	5.62	5.39	5.05	6.04	5.87	5.59
40	TC	45.75	41.13	34.50	53.08	50.00	44.64	59.24	57.40	53.44
	SHC	7.20	7.15	6.95	7.26	7.21	7.16	7.29	7.25	7.21
	kW	4.79	4.98	4.80	5.25	5.01	5.23	5.68	5.51	5.21

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

t_{lwb} = Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil (h_{lwb})

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

1-STAGE COOLING

10 TONS

558J 12 (RTPF)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
3000 Cfm	EAT (wb)	58	TC	106.3	106.3	120.5	101.7	101.7	115.2	96.6	96.6	109.4	91.0	91.0	103.1
			SHC	92.2	106.3	120.5	88.2	101.7	115.2	83.8	96.6	109.4	78.9	91.0	103.1
		62	TC	112.5	112.5	115.2	106.5	106.5	112.3	99.9	99.9	109.0	92.7	92.7	105.2
			SHC	83.8	99.5	115.2	81.0	96.6	112.3	77.8	93.4	109.0	74.2	89.7	105.2
		67	TC	123.5	123.5	123.5	117.8	117.8	117.8	111.3	111.3	111.3	104.0	104.0	104.0
			SHC	69.2	85.0	100.7	66.8	82.5	98.3	64.1	79.8	95.5	61.0	76.8	92.5
		72	TC	134.3	134.3	134.3	128.5	128.5	128.5	122.0	122.0	122.0	114.7	114.7	114.7
			SHC	53.8	69.6	85.5	51.6	67.4	83.2	49.1	64.9	80.7	46.3	62.1	77.9
		76	TC	–	142.4	142.4	–	136.3	136.3	–	129.5	129.5	–	121.8	121.8
			SHC	–	56.8	73.3	–	54.7	71.2	–	52.3	68.8	–	49.7	66.2
3500 Cfm	EAT (wb)	58	TC	112.9	112.9	127.8	108.0	108.0	122.3	102.7	102.7	116.3	96.8	96.8	109.7
			SHC	97.9	112.9	127.8	93.6	108.0	122.3	89.0	102.7	116.3	83.9	96.8	109.7
		62	TC	116.3	116.3	126.2	110.5	110.5	123.3	103.8	103.8	119.5	97.1	97.1	114.3
			SHC	90.2	108.2	126.2	87.4	105.3	123.3	84.0	101.8	119.5	79.8	97.1	114.3
		67	TC	126.9	126.9	126.9	120.9	120.9	120.9	114.3	114.3	114.3	106.8	106.8	106.8
			SHC	73.2	91.3	109.4	70.8	88.9	107.1	68.1	86.2	104.4	65.0	83.2	101.3
		72	TC	137.5	137.5	137.5	131.4	131.4	131.4	124.7	124.7	124.7	117.2	117.2	117.2
			SHC	55.3	73.4	91.5	53.1	71.1	89.2	50.6	68.7	86.7	47.8	65.9	83.9
		76	TC	–	145.1	145.1	–	138.8	138.8	–	131.7	131.7	–	123.6	123.6
			SHC	–	59.0	78.2	–	56.7	75.8	–	54.3	73.1	–	51.5	70.0
4000 Cfm	EAT (wb)	58	TC	117.8	117.8	133.5	113.0	113.0	128.0	107.5	107.5	121.8	101.5	101.5	115.0
			SHC	102.2	117.8	133.5	98.0	113.0	128.0	93.3	107.5	121.8	88.0	101.5	115.0
		62	TC	119.1	119.1	136.0	113.5	113.5	132.5	107.7	107.7	126.7	101.6	101.6	119.6
			SHC	95.8	115.9	136.0	92.8	112.6	132.5	88.6	107.7	126.7	83.6	101.6	119.6
		67	TC	129.4	129.4	129.4	123.3	123.3	123.3	116.5	116.5	116.5	108.9	108.9	109.8
			SHC	76.9	97.3	117.7	74.5	95.0	115.4	71.8	92.3	112.8	68.8	89.3	109.8
		72	TC	139.7	139.7	139.7	133.5	133.5	133.5	126.6	126.6	126.6	118.8	118.8	118.8
			SHC	56.7	76.8	97.0	54.4	74.6	94.7	51.9	72.1	92.3	49.1	69.3	89.5
		76	TC	–	147.0	147.0	–	140.5	140.5	–	133.2	133.2	–	124.9	124.9
			SHC	–	60.6	81.7	–	58.4	79.3	–	55.8	76.5	–	53.0	73.5
4500 Cfm	EAT (wb)	58	TC	121.7	121.7	137.9	116.8	116.8	132.3	111.2	111.2	126.0	105.0	105.0	118.9
			SHC	105.6	121.7	137.9	101.3	116.8	132.3	96.4	111.2	126.0	91.0	105.0	118.9
		62	TC	121.8	121.8	143.4	116.9	116.9	137.6	111.3	111.3	131.0	105.1	105.1	123.7
			SHC	100.2	121.8	143.4	96.1	116.9	137.6	91.6	111.3	131.0	86.5	105.1	123.7
		67	TC	131.3	131.3	131.3	125.1	125.1	125.1	118.2	118.2	120.8	110.5	110.5	117.7
			SHC	80.3	102.9	125.5	78.0	100.7	123.3	75.3	98.0	120.8	72.3	95.0	117.7
		72	TC	141.5	141.5	141.5	135.1	135.1	135.1	128.0	128.0	128.0	120.1	120.1	120.1
			SHC	57.9	80.0	102.1	55.6	77.7	99.9	53.1	75.2	97.4	50.3	72.4	94.6
		76	TC	–	148.3	148.3	–	141.8	141.8	–	134.3	134.3	–	125.8	125.8
			SHC	–	62.1	84.9	–	59.8	82.5	–	57.3	79.7	–	54.4	76.6
5000 Cfm	EAT (wb)	58	TC	125.0	125.0	141.6	120.0	120.0	135.9	114.3	114.3	129.5	107.9	107.9	122.3
			SHC	108.4	125.0	141.6	104.0	120.0	135.9	99.1	114.3	129.5	93.6	107.9	122.3
		62	TC	125.1	125.1	147.2	120.1	120.1	141.4	114.4	114.4	134.7	108.0	108.0	127.2
			SHC	102.9	125.1	147.2	98.8	120.1	141.4	94.1	114.4	134.7	88.9	108.0	127.2
		67	TC	132.8	132.8	133.0	126.5	126.5	130.8	119.6	119.6	128.2	111.8	111.8	125.1
			SHC	83.6	108.3	133.0	81.2	106.0	130.8	78.6	103.4	128.2	75.6	100.3	125.1
		72	TC	142.8	142.8	142.8	136.3	136.3	136.3	129.1	129.1	129.1	121.1	121.1	121.1
			SHC	59.0	82.9	106.9	56.7	80.7	104.7	54.1	78.2	102.2	51.3	75.4	99.4
		76	TC	–	149.4	149.4	–	142.8	142.8	–	135.1	135.1	–	126.5	126.5
			SHC	–	63.4	87.9	–	61.2	85.5	–	58.6	82.7	–	55.6	79.4

LEGEND:

- Do not operate in this region
- Cfm Cubic feet per minute (supply air)
- EAT(db) Entering air temperature (dry bulb)
- EAT(wb) Entering air temperature (wet bulb)
- SHC Sensible heat capacity
- TC Total capacity

Table 6 - COOLING CAPACITIES (cont.)

2-STAGE COOLING

10 TONS

558J 12 (RTPF & Novation)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
3000 Cfm	EAT (wb)	58	TC	107.6	107.6	121.9	102.5	102.5	116.2	96.8	96.8	109.7	90.5	90.5	102.6
			SHC	93.2	107.6	121.9	88.8	102.5	116.2	83.9	96.8	109.7	78.4	90.5	102.6
		62	TC	113.6	113.6	116.5	107.1	107.1	113.4	99.7	99.7	109.8	91.8	91.8	104.9
			SHC	84.6	100.6	116.5	81.5	97.4	113.4	78.0	93.9	109.8	73.7	89.3	104.9
		67	TC	124.4	124.4	124.4	118.4	118.4	118.4	111.5	111.5	111.5	103.3	103.3	103.3
			SHC	69.7	85.7	101.7	67.1	83.2	99.2	64.3	80.3	96.3	60.8	76.8	92.8
		72	TC	135.8	135.8	135.8	129.7	129.7	129.7	122.8	122.8	122.8	115	115	115
			SHC	54.3	70.4	86.6	52.0	68.1	84.2	49.3	65.4	81.6	46.4	62.5	78.6
		76	TC	–	145.3	145.3	–	139	139	–	131.9	131.9	–	124.1	124.1
			SHC	–	57.8	74.3	–	55.6	72.1	–	53.1	69.6	–	50.4	66.9
3500 Cfm	EAT (wb)	58	TC	114.2	114.2	129.4	108.9	108.9	123.4	102.9	102.9	116.6	96.3	96.3	109.1
			SHC	98.9	114.2	129.4	94.3	108.9	123.4	89.1	102.9	116.6	83.4	96.3	109.1
		62	TC	117.2	117.2	127.9	111.0	111.0	124.7	104.0	104.0	119.5	96.5	96.5	113.7
			SHC	91.1	109.5	127.9	88.1	106.4	124.7	83.9	101.7	119.5	79.3	96.5	113.7
		67	TC	127.8	127.8	127.8	121.7	121.7	121.7	114.5	114.5	114.5	106.6	106.6	106.6
			SHC	73.8	92.3	110.8	71.3	89.8	108.3	68.4	87.0	105.5	65.2	83.8	102.3
		72	TC	139.4	139.4	139.4	133.0	133.0	133	125.8	125.8	125.8	117.9	117.9	117.9
			SHC	56.0	74.6	93.1	53.7	72.2	90.8	51.0	69.6	88.2	48.1	66.7	85.4
		76	TC	–	148.8	148.8	–	142.2	142.2	–	134.9	134.9	–	126.8	126.8
			SHC	–	60.2	79.5	–	58.0	77.1	–	55.4	74.5	–	52.7	71.6
4000 Cfm	EAT (wb)	58	TC	119.0	119.0	134.9	114.0	114.0	129.2	108.0	108.0	122.4	101.1	101.1	114.6
			SHC	103.1	119.0	134.9	98.7	114.0	129.2	93.6	108.0	122.4	87.6	101.1	114.6
		62	TC	120.3	120.3	137.1	114.7	114.7	132.8	108.2	108.2	127.5	101.3	101.3	119.3
			SHC	96.5	116.8	137.1	93.0	112.9	132.8	88.9	108.2	127.5	83.2	101.3	119.3
		67	TC	130.5	130.5	130.5	124.1	124.1	124.1	116.8	116.8	116.8	108.7	108.7	111.1
			SHC	77.7	98.6	119.5	75.2	96.2	117.2	72.3	93.3	114.4	69.1	90.1	111.1
		72	TC	142.1	142.1	142.1	135.5	135.5	135.5	128.2	128.2	128.2	120.0	120.0	120.0
			SHC	57.6	78.4	99.3	55.2	76.1	97.1	52.5	73.6	94.6	49.7	70.7	91.8
		76	TC	–	151.4	151.4	–	144.7	144.7	–	137.1	137.1	–	–	–
			SHC	–	62.3	83.8	–	60.0	81.4	–	57.5	78.8	–	–	–
4500 Cfm	EAT (wb)	58	TC	123.0	123.0	139.5	117.8	117.8	133.6	111.9	111.9	126.9	105.3	105.3	119.3
			SHC	106.6	123.0	139.5	102.1	117.8	133.6	97.0	111.9	126.9	91.2	105.3	119.3
		62	TC	123.4	123.4	144.4	117.9	117.9	139.0	112.0	112.0	132.0	105.4	105.4	124.2
			SHC	100.9	122.7	144.4	96.9	117.9	139	92.1	112.0	132	86.6	105.4	124.2
		67	TC	132.6	132.6	132.6	126.0	126	126.0	118.7	118.7	122.9	110.4	110.4	119.6
			SHC	81.4	104.6	127.9	78.9	102.3	125.7	76.1	99.5	122.9	72.9	96.2	119.6
		72	TC	144.2	144.2	144.2	137.4	137.4	137.4	129.9	129.9	129.9	121.6	121.6	121.6
			SHC	59.0	82.1	105.2	56.6	79.8	103.1	54.0	77.3	100.7	51.1	74.5	98
		76	TC	–	153.4	153.4	–	146.6	146.6	–	138.9	138.9	–	–	–
			SHC	–	64.1	87.8	–	61.9	85.6	–	59.4	83	–	–	–
5000 Cfm	EAT (wb)	58	TC	126.5	126.5	143.3	121.2	121.2	137.4	115.1	115.1	130.5	108.4	108.4	122.8
			SHC	109.6	126.5	143.3	105.0	121.2	137.4	99.8	115.1	130.5	93.9	108.4	122.8
		62	TC	126.5	126.5	149.1	121.3	121.3	142.9	115.2	115.2	135.8	108.5	108.5	127.8
			SHC	104.0	126.5	149.1	99.7	121.3	142.9	94.7	115.2	135.8	89.1	108.5	127.8
		67	TC	134.2	134.2	135.9	127.5	127.5	133.8	120.1	120.1	131.0	111.9	111.9	127.6
			SHC	84.9	110.4	135.9	82.4	108.1	133.8	79.6	105.3	131	76.4	102.0	127.6
		72	TC	145.8	145.8	145.8	139.0	139.0	139.0	131.3	131.3	131.3	122.9	122.9	122.9
			SHC	60.3	85.6	110.8	57.9	83.4	108.9	55.3	81.0	106.6	52.5	78.2	104
		76	TC	–	155.1	155.1	–	148.2	148.2	–	–	–	–	–	–
			SHC	–	65.9	91.5	–	63.7	89.5	–	–	–	–	–	–

* See Minimum–Maximum Airflow Ratings in Table 3. Do not operate outside these limits.

LEGEND:

- Do not operate in this region
- Cfm Cubic feet per minute (supply air)
- EAT(db) Entering air temperature (dry bulb)
- EAT(wb) Entering air temperature (wet bulb)
- SHC Sensible heat capacity
- TC Total capacity

558J12 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – CFM								
		3000/0.04			4000/0.06			5000/0.07		
		Air Entering Evaporator – Ewb (F)								
		72	67	62	72	67	62	72	67	62
75	TC	142.85	129.44	116.93	152.09	138.44	125.76	157.99	144.23	132.06
	SHC	58.38	74.88	91.58	67.96	89.45	111.02	76.63	102.94	127.93
	kW	7.19	6.97	6.79	6.92	7.12	7.35	7.45	7.22	7.02
85	TC	132.33	119.68	107.86	140.92	128.03	116.10	146.41	133.41	121.98
	SHC	48.44	65.56	82.83	57.37	79.50	101.68	65.65	92.58	118.12
	kW	7.98	7.77	7.58	7.72	7.92	8.14	8.25	8.01	7.82
95	TC	121.41	109.52	98.43	129.35	117.22	106.04	134.43	122.20	111.50
	SHC	38.19	55.92	73.78	46.47	69.22	92.01	54.34	81.92	107.96
	kW	8.87	8.66	8.48	8.61	8.80	9.03	9.14	8.90	8.71
105	TC	110.04	98.92	88.56	117.27	105.94	95.53	121.88	110.46	100.54
	SHC	27.59	45.94	64.39	35.16	58.57	81.98	42.56	70.82	97.40
	kW	9.86	9.66	9.48	9.61	9.79	10.02	10.12	9.89	9.70
115	TC	98.09	87.74	78.13	104.62	94.08	84.45	108.76	98.13	89.01
	SHC	16.52	35.47	54.53	23.37	47.44	71.46	30.32	59.25	86.31
	kW	10.95	10.76	10.60	10.72	10.89	11.10	11.19	10.98	10.81

558J12 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – Ewb (F)								
		75 Dry Bulb 62.5 Wet Bulb (50% Relative)			75 Dry Bulb 64 Wet Bulb (56% Relative)			75 Dry Bulb 65.3 Wet Bulb (60% Relative)		
		Air Entering Evaporator – Cfm								
		3000	4000	5000	3000	4000	5000	3000	4000	5000
80	TC	44.78	39.41	31.89	53.22	49.44	43.38	60.56	58.12	53.32
	SHC	−0.44	−0.57	−0.69	−0.37	−0.51	−0.61	−0.33	−0.46	−0.56
	kW	6.96	6.77	6.52	7.26	7.13	6.91	7.54	7.45	7.27
75	TC	45.84	40.46	32.86	54.28	50.51	44.45	61.61	59.19	54.40
	SHC	0.53	0.40	0.29	0.60	0.47	0.37	0.64	0.52	0.42
	kW	6.77	6.56	6.29	7.11	6.95	6.72	7.41	7.31	7.12
70	TC	46.91	41.48	33.50	55.36	51.59	45.50	62.69	60.28	55.49
	SHC	1.51	1.38	1.27	1.57	1.45	1.35	1.61	1.50	1.40
	kW	6.54	6.32	6.02	6.90	6.74	6.49	7.23	7.13	6.92
60	TC	48.88	43.42	35.76	57.29	53.56	47.48	64.56	62.16	57.42
	SHC	3.44	3.34	3.24	3.51	3.40	3.31	3.55	3.45	3.37
	kW	6.45	6.16	6.70	6.93	6.72	6.39	7.38	7.24	6.96
50	TC	50.83	45.28	37.67	59.22	55.52	49.43	66.05	64.03	59.34
	SHC	5.38	5.29	5.20	5.45	5.36	5.28	5.48	5.40	5.33
	kW	6.46	6.01	6.34	6.98	6.71	6.29	8.15	7.38	7.02
40	TC	52.82	47.29	39.50	61.14	57.48	51.39	68.23	65.88	61.25
	SHC	7.32	7.24	7.20	7.38	7.31	7.24	7.43	7.36	7.29
	kW	6.29	6.09	6.12	7.05	6.72	6.29	7.78	7.55	7.10

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The following formulas may be used:

$$t_{ldb} = t_{edb} - \frac{\text{sensible capacity (Btuh)}}{1.10 \times \text{cfm}}$$

$$t_{lwb} = \text{Wet–bulb temperature corresponding to enthalpy of air leaving evaporator coil } (h_{lwb})$$

$$h_{lwb} = h_{ewb} - \frac{\text{total capacity (Btuh)}}{4.5 \times \text{cfm}}$$

Where: h_{ewb} = Enthalpy of air entering evaporator coil

Table 6 - COOLING CAPACITIES (cont.)

2-STAGE COOLING

12.5 TONS

558J 14 (RTPF & Novation)				AMBIENT TEMPERATURE											
				85			95			105			115		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85
3600 Cfm	EAT (wb)	58	TC	127.6	127.6	142.9	121.7	121.7	137.6	115.0	115.0	130	108.3	108.3	122.6
			SHC	110.3	126.6	142.9	105.8	121.7	137.6	99.9	115.0	130	94.1	108.3	122.6
		62	TC	136.1	136.1	136.1	131.1	131.1	131.1	123.8	123.8	124.5	114.9	114.9	120.3
			SHC	96.6	112.8	129.0	94.7	111.2	127.7	91.4	108.0	124.5	87.3	103.8	120.3
		67	TC	146.2	146.2	146.2	142.0	142.0	142.0	136.2	136.2	136.2	128.8	128.8	128.8
			SHC	78.5	94.4	110.3	76.9	93.1	109.2	74.7	91.0	107.3	71.7	88.1	104.6
		72	TC	155.9	155.9	155.9	152.4	152.4	152.4	147.2	147.2	147.2	140.1	140.1	140.1
			SHC	60.1	76.6	93.2	58.7	75.2	91.7	56.8	73.3	89.7	54.2	70.6	87.0
		76	TC	–	163.0	163	–	160.0	160	–	155.1	155.1	–	148.2	148.2
			SHC	–	62.0	81.8	–	61.1	80.9	–	59.5	79.3	–	57.0	76.3
4200 Cfm	EAT (wb)	58	TC	132.2	132.2	149.5	128.2	128.2	144.9	121.9	121.9	137.8	115.0	115.0	130.1
			SHC	115.0	132.2	149.5	111.5	128.2	144.9	106.0	121.9	137.8	99.9	115.0	130.1
		62	TC	139.6	139.6	139.6	134.7	134.7	138	128.0	128.0	135.6	119.1	119.1	131.2
			SHC	102.5	120.8	139	100.8	119.4	138	98.1	116.8	135.6	93.9	112.6	131.2
		67	TC	149.5	149.5	149.5	145.4	145.4	145.4	139.6	139.6	139.6	132.1	132.1	132.1
			SHC	81.8	99.6	117.4	80.6	98.7	116.8	78.5	96.9	115.2	75.7	94.3	112.8
		72	TC	159.0	159.0	159.0	155.5	155.5	155.5	150.3	150.3	150.3	143.1	143.1	143.1
			SHC	61.4	79.6	97.8	60.2	78.5	96.8	58.3	76.7	95	55.8	74.2	92.5
		76	TC	–	165.7	165.7	–	162.8	162.8	–	157.8	157.8	–	150.8	150.8
			SHC	–	64.6	87.7	–	63.5	86.3	–	61.5	83.3	–	58.9	79.9
4800 Cfm	EAT (wb)	58	TC	136.7	136.7	154.5	133.0	133.0	150.3	127.7	127.7	144.3	120.6	120.6	136.4
			SHC	118.9	136.7	154.5	115.7	133.0	150.3	111.0	127.7	144.3	104.9	120.6	136.4
		62	TC	142.2	142.2	147.8	137.4	137.4	147.1	131.0	131.0	144.7	122.8	122.8	140.3
			SHC	107.7	127.8	147.8	106.2	126.7	147.1	103.6	124.2	144.7	99.3	119.8	140.3
		67	TC	152.1	152.1	152.1	148.0	148	148	142.2	142.2	142.2	134.6	134.6	134.6
			SHC	84.8	104.3	123.7	83.8	103.8	123.7	82.0	102.3	122.6	79.4	99.9	120.4
		72	TC	161.3	161.3	161.3	157.8	157.8	157.8	152.5	152.5	152.5	145.4	145.4	145.4
			SHC	62.6	82.2	101.9	61.4	81.4	101.3	59.7	79.7	99.8	57.2	77.3	97.5
		76	TC	–	167.7	167.7	–	164.9	164.9	–	159.9	159.9	–	152.8	152.8
			SHC	–	66.4	91.4	–	65	89.2	–	63.1	86.4	–	60.5	83.1
5400 Cfm	EAT (wb)	58	TC	140.5	140.5	158.8	136.9	136.9	154.7	131.8	131.8	149	125.2	125.2	141.6
			SHC	122.2	140.5	158.8	119	136.9	154.7	114.7	131.8	149	108.9	125.2	141.6
		62	TC	144.3	144.3	155.7	139.6	139.6	155	133.5	133.5	152.4	125.8	125.8	147.8
			SHC	112.2	133.9	155.7	110.9	132.9	155	108.1	130.2	152.4	103.9	125.8	147.8
		67	TC	154.2	154.2	154.2	150.0	150.0	150.0	144.2	144.2	144.2	136.7	136.7	136.7
			SHC	87.6	108.6	129.6	86.8	108.5	130.1	85.2	107.3	129.4	82.8	105.1	127.4
		72	TC	163.1	163.1	163.1	159.7	159.7	159.7	154.3	154.3	154.3	147.1	147.1	147.1
			SHC	63.6	84.6	105.6	62.5	83.9	105.4	60.8	82.5	104.2	58.4	80.2	102
		76	TC	–	169.3	169.3	–	166.5	166.5	–	161.5	161.5	–	154.2	154.2
			SHC	–	67.6	93.7	–	66.4	91.7	–	64.5	89.2	–	61.9	86.1
6000 Cfm	EAT (wb)	58	TC	143.6	143.6	162.3	140.1	140.1	158.3	135.1	135.1	152.7	128.7	128.7	145.5
			SHC	124.9	143.6	162.3	121.8	140.1	158.3	117.5	135.1	152.7	111.9	128.7	145.5
		62	TC	146.1	146.1	162.4	141.7	141.7	161.5	135.6	135.6	159.2	128.8	128.8	151.2
			SHC	116.1	139.3	162.4	114.7	138.1	161.5	112.1	135.6	159.2	106.4	128.8	151.2
		67	TC	155.8	155.8	155.8	151.6	151.6	151.6	145.9	145.9	145.9	138.3	138.3	138.3
			SHC	90.1	112.6	135	89.6	112.8	136	88.3	112.0	135.8	85.9	110.0	134.1
		72	TC	164.5	164.5	164.5	161.2	161.2	161.2	155.8	155.8	155.8	148.5	148.5	148.5
			SHC	64.5	86.7	108.9	63.5	86.3	109.1	61.9	85.1	108.2	59.6	82.9	106.3
		76	TC	–	170.6	170.6	–	167.8	167.8	–	162.8	162.8	–	155.5	155.5
			SHC	–	68.7	95.8	–	67.5	94.1	–	65.7	91.8	–	63.3	88.8

* See Minimum–Maximum Airflow Ratings in Table 3. Do not operate outside these limits.

LEGEND:

- Do not operate in this region
- Cfm – Cubic feet per minute (supply air)
- EAT(db) – Entering air temperature (dry bulb)
- EAT(wb) – Entering air temperature (wet bulb)
- SHC – Sensible heat capacity
- TC – Total capacity

558J14 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN SUBCOOLING MODE										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – CFM								
		3750/0.02			5000/0.06			6250/0.05		
		Air Entering Evaporator – Ewb (F)								
		72	67	62	72	67	62	72	67	62
75	TC	183.66	166.86	151.43	194.90	177.83	162.05	201.97	184.84	170.53
	SHC	79.39	100.52	121.91	91.70	119.42	147.05	102.94	137.00	166.71
	kW	9.82	9.63	9.46	9.58	9.76	9.96	10.04	9.84	9.67
85	TC	172.71	156.78	142.09	183.32	167.13	152.17	189.98	173.73	160.25
	SHC	69.03	90.92	112.95	80.69	109.17	137.51	91.49	126.33	156.65
	kW	10.82	10.63	10.45	10.57	10.76	10.96	11.04	10.84	10.67
95	TC	161.37	146.24	132.38	171.36	156.04	141.86	177.62	162.22	149.50
	SHC	58.44	81.04	103.77	69.42	98.67	127.71	79.83	115.45	146.15
	kW	11.92	11.73	11.56	11.68	11.86	12.05	12.14	11.93	11.77
105	TC	149.57	135.32	122.21	158.89	144.45	131.10	164.74	150.27	138.35
	SHC	47.57	70.92	94.32	57.85	87.91	117.61	67.79	104.26	135.30
	kW	13.12	12.94	12.77	12.89	13.06	13.24	13.32	13.13	12.97
115	TC	137.22	123.88	111.55	145.85	132.33	119.84	151.27	137.71	126.67
	SHC	36.31	60.47	84.57	45.87	76.77	107.19	55.34	92.66	123.98
	kW	14.41	14.25	14.10	14.20	14.35	14.53	14.59	14.42	14.28

50 TC14 COOLING CAPACITIES, UNIT WITH PERFECT HUMIDITY SYSTEM IN HOT GAS REHEAT MODE										
TEMP (F)AIR ENT CONDENSER(Edb)		AIR ENTERING EVAPORATOR – Ewb (F)								
		75 Dry Bulb 62.5 Wet Bulb (50% Relative)			75 Dry Bulb 64 Wet Bulb (56% Relative)			75 Dry Bulb 65.3 Wet Bulb (60% Relative)		
		Air Entering Evaporator – Cfm								
		3750	5000	6250	3750	5000	6250	3750	5000	6250
80	TC	52.42	45.88	36.99	62.64	58.07	51.07	71.56	68.64	63.23
	SHC	–0.39	–0.54	–0.67	–0.31	–0.46	–0.58	–0.26	–0.40	–0.52
	kW	9.65	9.39	9.07	9.97	9.77	9.50	10.25	10.11	9.89
75	TC	53.45	46.63	36.10	63.77	59.11	51.87	72.76	69.80	64.31
	SHC	0.59	0.44	0.30	0.67	0.52	0.40	0.72	0.58	0.47
	kW	9.09	8.83	8.49	9.39	9.20	8.94	9.67	9.53	9.32
70	TC	54.33	46.91	37.58	64.77	60.01	52.30	73.80	70.80	65.24
	SHC	1.56	1.41	1.29	1.64	1.50	1.38	1.70	1.56	1.45
	kW	8.81	8.53	8.62	9.15	8.94	8.65	9.46	9.31	9.08
60	TC	55.47	49.48	40.48	66.62	62.07	54.88	75.68	72.76	67.28
	SHC	3.50	3.38	3.27	3.59	3.47	3.36	3.65	3.52	3.42
	kW	8.36	8.84	8.98	9.88	9.56	9.10	9.83	9.64	9.31
50	TC	58.33	51.72	42.81	68.72	63.93	55.84	77.74	74.77	69.24
	SHC	5.47	5.35	5.24	5.54	5.43	5.32	5.60	5.49	5.39
	kW	8.98	9.25	9.43	9.33	8.97	8.73	9.55	9.33	9.70
40	TC	60.33	53.69	46.89	70.67	65.93	49.83	79.46	76.62	71.24
	SHC	7.42	7.31	7.22	7.49	7.39	7.23	7.55	7.45	7.37
	kW	9.16	9.88	9.06	9.50	9.05	9.47	10.31	10.00	9.48

LEGEND**Edb** – Entering Dry–Bulb**Ewb** – Entering Wet–Bulb**kW** – Compressor Motor Power Input**ldb** – Leaving Dry–Bulb**lwb** – Leaving Wet–Bulb**SHC** – Sensible Heat Capacity (1000 Btuh) Gross**TC** – Total Capacity (1000 Btuh) Gross

Table 6 - COOLING CAPACITIES (cont.)

2-STAGE COOLING

15 TONS

558J 16 (RTPF)				Ambient Temperature											
				85			95			105			115		
				EA (dB)			EA (dB)			EA (dB)			EA (dB)		
				75	80	85	75	80	85	75	80	85	75	80	85
4500 Cfm	EAT (wb)	58	THC	156.6	156.6	175.2	149.4	149.4	169.1	141.6	141.6	160.2	133.3	133.3	150.9
			SHC	134.7	154.9	175.2	129.8	149.4	169.1	123.0	141.6	160.2	115.7	133.3	150.9
		62	THC	166.7	166.7	166.9	158.0	158.0	162.6	147.6	147.6	157.2	136.8	136.8	150.3
			SHC	122.8	144.9	166.9	118.6	140.6	162.6	113.5	135.3	157.2	107.4	128.8	150.3
		67	THC	184.1	184.1	184.1	175.6	175.6	175.6	165.6	165.6	165.6	154.5	154.5	154.5
			SHC	101.6	123.7	145.7	98.1	120.2	142.3	94.0	116.1	138.2	89.4	111.5	133.6
		72	THC	200.3	200.3	200.3	192.0	192.0	192.0	182.9	182.9	182.9	172.2	172.2	172.2
			SHC	78.7	101.1	123.5	75.5	97.9	120.2	72.1	94.4	116.7	68.2	90.5	112.7
		76	THC	-	211.4	211.4	-	203.1	203.1	-	193.8	193.8	-	183.9	183.9
			SHC	-	82.2	107.0	-	79.3	103.8	-	76.0	100.2	-	72.6	96.5
5250 Cfm	EAT (wb)	58	THC	165.2	165.2	186.9	158.2	158.2	179.0	150.0	150.0	169.7	141.3	141.3	160.0
			SHC	143.5	165.2	186.9	137.4	158.2	179.0	130.2	150.0	169.7	122.7	141.3	160.0
		62	THC	172.3	172.3	181.7	163.4	163.4	176.9	153.1	153.1	169.3	143.4	143.4	161.4
			SHC	131.6	156.6	181.7	127.1	152.0	176.9	120.5	144.9	169.3	114.1	137.8	161.4
		67	THC	189.5	189.5	189.5	180.9	180.9	180.9	170.7	170.7	170.7	159.1	159.1	159.1
			SHC	107.2	132.4	157.5	103.8	129.0	154.1	99.9	125.1	150.4	95.3	120.6	145.8
		72	THC	205.0	205.0	205.0	196.5	196.5	196.5	187.1	187.1	187.1	176.4	176.4	176.4
			SHC	80.9	106.1	131.3	77.7	102.9	128.1	74.4	99.5	124.7	70.6	95.8	121.0
		76	THC	-	215.4	215.4	-	206.8	206.8	-	197.1	197.1	-	186.9	186.9
			SHC	-	85.0	113.0	-	82.0	109.8	-	78.8	106.4	-	75.4	102.8
6000 Cfm	EAT (wb)	58	THC	172.7	172.7	195.4	165.5	165.5	187.3	157.1	157.1	177.8	148.1	148.1	167.7
			SHC	150.0	172.7	195.4	143.8	165.5	187.3	136.4	157.1	177.8	128.6	148.1	167.7
		62	THC	176.6	176.6	195.7	168.1	168.1	187.6	158.9	158.9	180.2	148.9	148.9	172.1
			SHC	139.6	167.7	195.7	133.2	160.4	187.6	127.1	153.7	180.2	120.7	146.4	172.1
		67	THC	193.6	193.6	193.6	184.8	184.8	184.8	174.7	174.7	174.7	162.7	162.7	162.7
			SHC	112.3	140.3	168.3	108.9	137.0	165.2	105.2	133.5	161.7	100.7	129.0	157.3
		72	THC	208.4	208.4	208.4	199.6	199.6	199.6	190.2	190.2	190.2	179.5	179.5	179.5
			SHC	82.7	110.5	138.3	79.6	107.3	135.1	76.2	104.0	131.8	72.6	100.6	128.5
		76	THC	-	218.2	218.2	-	209.5	209.5	-	199.5	199.5	-	189.0	189.0
			SHC	-	87.5	118.6	-	84.5	115.2	-	81.1	111.3	-	77.5	107.3
6750 Cfm	EAT (wb)	58	THC	178.8	178.8	202.4	171.6	171.6	194.2	163.1	163.1	184.6	153.8	153.8	174.1
			SHC	155.3	178.8	202.4	149.0	171.6	194.2	141.6	163.1	184.6	133.5	153.8	174.1
		62	THC	181.0	181.0	203.6	173.0	173.0	197.5	163.8	163.8	190.1	153.9	153.9	181.1
			SHC	144.1	173.9	203.6	139.1	168.3	197.5	133.3	161.7	190.1	126.7	153.9	181.1
		67	THC	196.8	196.8	196.8	187.9	187.9	187.9	177.7	177.7	177.7	165.5	165.5	167.9
			SHC	117.0	147.7	178.4	113.7	144.5	175.4	110.1	141.1	172.2	105.6	136.8	167.9
		72	THC	211.0	211.0	211.0	202.2	202.2	202.2	192.5	192.5	192.5	181.8	181.8	181.8
			SHC	84.3	114.5	144.7	81.2	111.5	141.7	77.9	108.1	138.4	74.4	104.9	135.4
		76	THC	-	220.2	220.2	-	211.5	211.5	-	201.3	201.3	-	190.6	190.6
			SHC	-	89.5	122.8	-	86.4	119.4	-	83.0	115.4	-	79.4	111.5
7500 Cfm	EAT (wb)	58	THC	183.9	183.9	208.2	176.6	176.6	199.8	168.2	168.2	190.3	158.6	158.6	179.5
			SHC	159.7	183.9	208.2	153.3	176.6	199.8	146.0	168.2	190.3	137.7	158.6	179.5
		62	THC	185.1	185.1	212.5	177.1	177.1	206.2	168.3	168.3	197.9	158.7	158.7	186.7
			SHC	149.5	181.0	212.5	144.5	175.4	206.2	138.7	168.3	197.9	130.8	158.7	186.7
		67	THC	199.3	199.3	199.3	190.3	190.3	190.3	180.0	180.0	181.7	167.8	167.8	177.8
			SHC	121.3	154.6	187.9	118.1	151.6	185.1	114.4	148.1	181.7	110.1	144.0	177.8
		72	THC	213.0	213.0	213.0	204.1	204.1	204.1	194.2	194.2	194.2	183.5	183.5	183.5
			SHC	85.8	118.2	150.5	82.7	115.2	147.7	79.4	111.9	144.4	76.0	108.8	141.6
		76	THC	-	221.9	221.9	-	213.0	213.0	-	202.7	202.7	-	191.8	191.8
			SHC	-	91.2	126.5	-	88.2	123.1	-	84.7	119.2	-	81.2	115.3

* See Minimum–Maximum Airflow Ratings in Table 3. Do not operate outside these limits.

LEGEND:

- Do not operate in this region
- Cfm - Cubic feet per minute (supply air)
- EAT(db) - Entering air temperature (dry bulb)
- EAT(wb) - Entering air temperature (wet bulb)
- SHC - Sensible heat capacity
- TC - Total capacity

Table 6 - COOLING CAPACITIES (cont.) 2-STAGE COOLING

15 TONS

558J16 Cooling Capacities, Subcooling Mode										
TEMP (F) AIR ENT CONDENSER (Edb)		AIR ENTERING EVAPORATOR – CFM								
		4500/0.02			6000/0.06			7500/0.05		
		Air Entering Evaporator – Ewb (F)								
		72	67	62	72	67	62	72	67	62
75	TC	204.4	186.3	168.2	218.4	199.6	180.9	229.6	210.4	191.2
	SHC	98.9	118.1	137.2	114.8	133.7	152.6	127.6	146.2	164.9
	kW	11.57	11.22	10.77	11.78	11.45	11.00	12.06	11.64	11.35
85	TC	189.2	171.7	154.1	203.0	184.8	166.7	214.1	195.5	176.9
	SHC	79.5	103.4	127.3	96.5	120.2	144.0	110.2	133.7	157.3
	kW	12.59	12.24	11.81	12.81	12.50	12.03	13.05	12.66	12.47
95	TC	174.0	157.0	140.0	187.6	170.1	152.5	198.6	180.6	162.7
	SHC	60.0	88.7	117.5	78.2	106.8	135.3	92.9	121.3	149.7
	kW	13.68	13.35	12.86	13.91	13.57	13.05	14.15	13.75	13.47
105	TC	158.8	142.3	125.8	172.2	155.3	138.3	183.1	165.7	148.4
	SHC	40.5	74.1	107.7	59.9	93.3	126.7	75.5	108.8	142.0
	kW	14.67	14.41	13.88	14.90	14.55	14.10	15.15	14.73	14.53
115	TC	143.6	127.6	111.7	156.8	140.5	124.1	167.6	150.9	134.2
	SHC	21.0	59.4	97.8	41.6	79.9	118.1	58.1	96.3	134.2
	kW	15.77	15.38	14.88	15.88	15.65	15.10	16.12	15.84	15.54

558J16Cooling Capacities, Hot Gas Reheat Mode										
TEMP (F) AIR ENT CONDENSER Edb)		AIR ENTERING EVAPORATOR – Ewb (F)								
		75 Dry Bulb 62.5 Wet Bulb (50% Relative)			75 Dry Bulb 64 Wet Bulb (56% Relative)			75 Dry Bulb 65.3 Wet Bulb (60% Relative)		
		Air Entering Evaporator – Cfm								
		4500	6000	7500	4500	6000	7500	4500	6000	7500
80	TC	83.75	84.85	88.95	86.65	91.90	92.90	87.90	91.75	96.30
	SHC	37.50	42.80	55.10	30.90	40.40	44.50	24.80	29.30	34.10
	kW	10.50	11.49	11.60	10.56	10.65	11.70	11.60	11.72	11.77
75	TC	85.00	86.00	90.50	88.05	93.60	94.65	89.20	93.45	97.85
	SHC	40.00	45.00	57.30	33.20	42.30	46.90	26.90	31.50	36.30
	kW	10.16	11.15	11.25	10.21	10.31	11.33	11.26	11.35	11.42
70	TC	86.15	87.35	91.50	89.20	94.30	96.10	90.40	94.10	98.95
	SHC	42.10	47.50	59.80	35.50	45.30	49.50	29.50	33.90	38.70
	kW	9.84	10.83	10.94	10.02	10.13	11.03	10.95	11.05	11.12
60	TC	88.90	90.10	94.25	92.00	97.10	98.20	93.20	96.90	101.75
	SHC	46.80	52.30	64.60	40.20	50.10	54.10	34.10	38.60	43.40
	kW	9.37	10.36	10.44	9.42	9.52	10.55	10.45	10.57	10.64
50	TC	91.70	92.80	97.00	94.80	99.90	101.00	96.10	99.70	104.20
	SHC	51.50	57.10	69.40	44.80	54.80	58.90	38.70	43.20	49.00
	kW	9.12	10.09	10.16	9.17	9.28	10.26	10.17	10.26	10.32
40	TC	94.45	95.60	99.80	97.45	102.55	103.70	98.65	102.35	107.00
	SHC	56.30	61.40	73.70	49.70	59.20	63.30	43.60	48.10	52.90
	kW	9.05	10.02	10.10	9.10	9.21	10.18	10.11	10.20	10.26

LEGEND

Edb – Entering Dry–Bulb
Ewb – Entering Wet–Bulb
kW – Compressor Motor Power Input
ldb – Leaving Dry–Bulb
lwb – Leaving Wet–Bulb
SHC – Sensible Heat Capacity (1000 Btuh) Gross
TC – Total Capacity (1000 Btuh) Gross

Table 7 – STATIC PRESSURE ADDERS (IN. WG) (FACTORY OPTIONS AND/OR ACCESSORIES)

Electric Heaters

3–6 TONS										
CFM	600	900	1200	1400	1600	1800	2000	2200	2400	2600
1 Electric Heater Module	0.03	0.05	0.07	0.09	0.09	0.10	0.11	0.11	0.12	0.13
2 Electric Heater Modules	0.13	0.15	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18

7.5 – 12.5 TONS																
CFM	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
1 Electric Heater Module	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18
2 Electric Heater Modules	0.04	0.05	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.20

15 TON													
CFM	2813	3125	3438	3750	4063	4375	4688	5000	5313	5625	5938	6250	
Vertical - 1 Electric Heater Module	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	
Vertical - 2 Electric Heater Modules	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.08	
Horizontal - 1 Electric Heater Module	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09	
Horizontal - 2 Electric Heater Modules	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.08	

Perfect Humidity

3–6 TONS									
CFM	1000	1250	1500	1750	2000	2250	2500	2750	3000
3 Tons	0.04	0.052	0.07	–	–	–	–	–	–
4 Tons	–	0.106	0.138	0.172	0.21	–	–	–	–
5 Tons	–	–	0.138	0.172	0.21	0.252	0.30	–	–
6 Tons	–	–	–	0.112	0.125	0.161	0.19	0.22	0.25

7.5–12.5 TONS																
CFM	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
7.5 Tons	0.12	0.14	0.16	0.19	0.21	0.23	0.26	–	–	–	–	–	–	–	–	–
8.5 Tons	–	0.11	0.12	0.13	0.15	0.17	0.18	0.20	0.22	–	–	–	–	–	–	–
10 Tons	–	–	–	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	–	–	–	–
12.5 Tons	–	–	–	–	–	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.36	0.39

15 TONS														
CFM	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	7250
15 Tons	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15

ECONOMIZER, BAROMETRIC RELIEF AND PE PERFORMANCE

Vertical Application

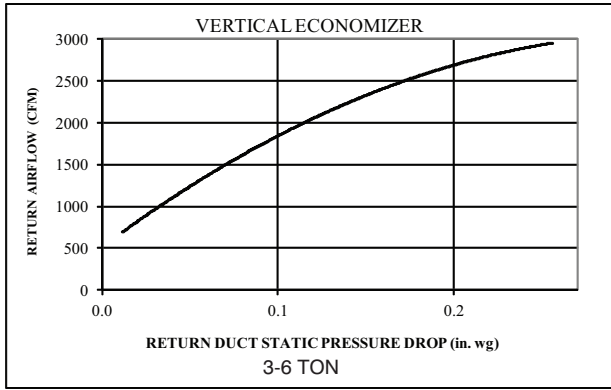


Fig. 16 - Return Air Pressure Drop

C11238

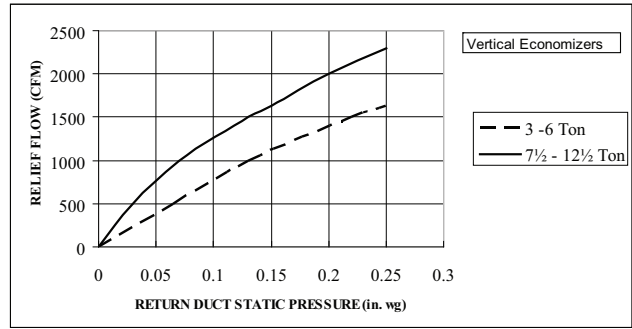


Fig. 19 - Barometric Relief Flow Capacity

C08073

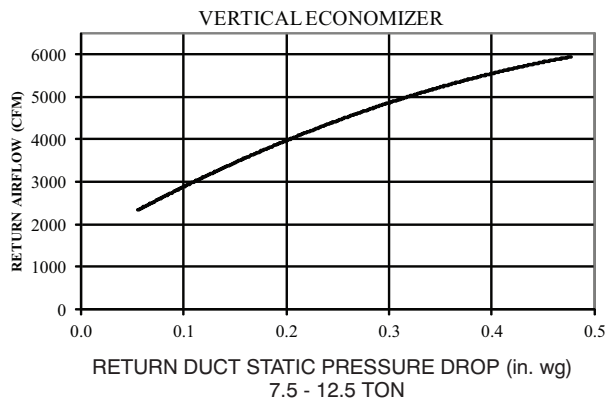


Fig. 17 - Return Air Pressure Drop

C11240

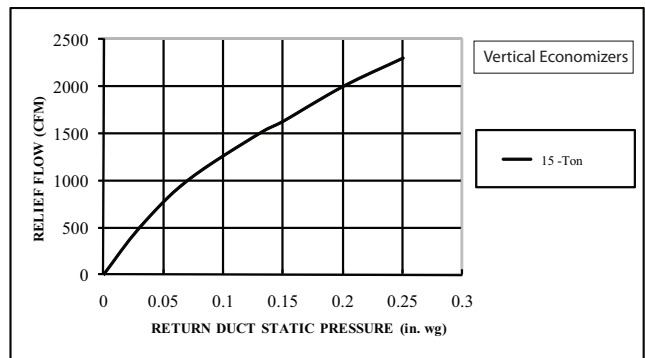


Fig. 20 - Barometric Relief Flow-Vertical 15 Ton

C101122

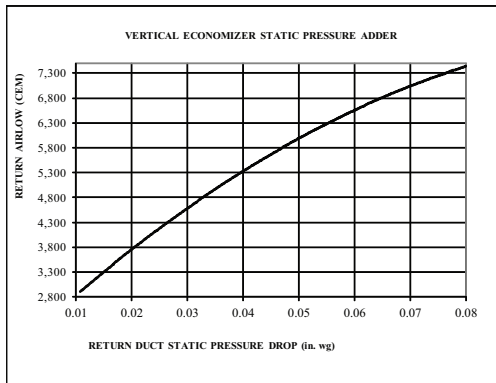


Fig. 18 - Return Air Pressure Drop-Vertical 15 Tons

C11257

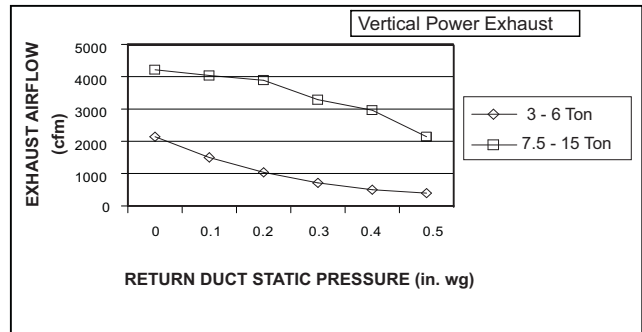


Fig. 21 - Vertical Power Exhaust Performance

C11248

ECONOMIZER, BAROMETRIC RELIEF AND PE PERFORMANCE (cont.)

Horizontal Application

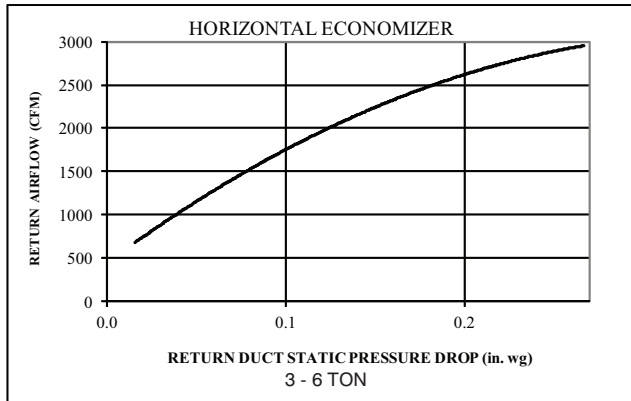


Fig. 22 - Return Air Pressure Drop

C11239

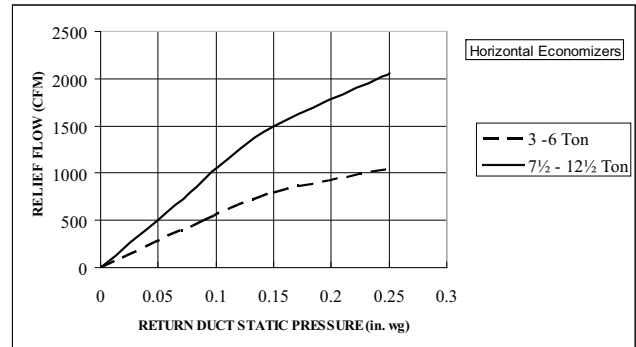


Fig. 25 - Barometric Relief Flow Capacity

C08070

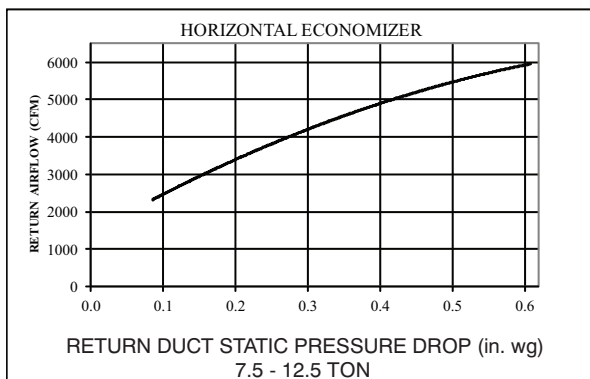


Fig. 23 - Return Air Pressure Drop

C11241

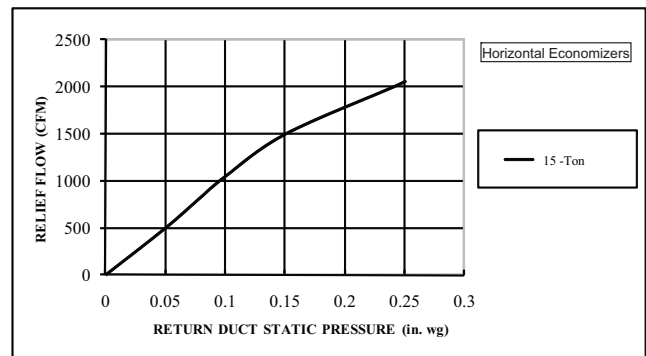


Fig. 26 - Barometric Relief Flow-Horizontal 15 Ton

C101120

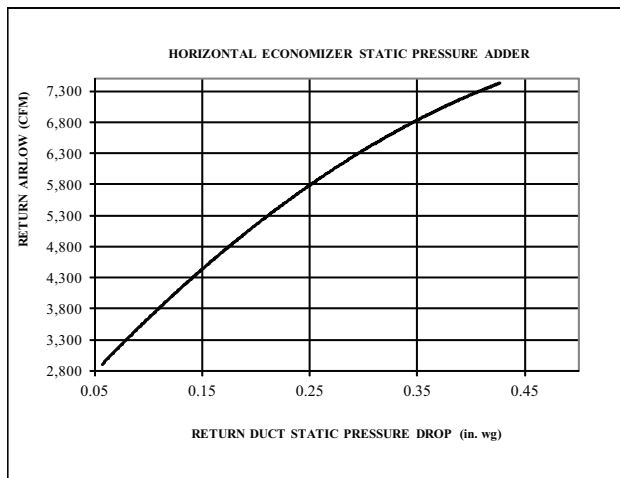


Fig. 24 - Return Air Pressure Drop-Horizontal 15 Ton

C11258

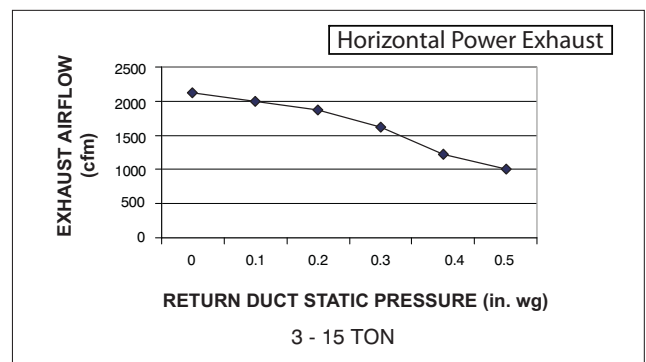


Fig. 27 - Horizontal Power Exhaust Performance

C08012

GENERAL FAN PERFORMANCE NOTES

1. Interpolation is permissible. Do not extrapolate.
2. External static pressure is the static pressure difference between the return duct and the supply duct plus the static pressure caused by any FIOPs or accessories.
3. Tabular data accounts for pressure loss due to clean filters, unit casing, and wet coils. Factory options and accessories may add static pressure losses. Selection software is available, through your salesperson, to help you select the best motor/drive combination for your application.
4. The Fan Performance tables offer motor/drive recommendations. In cases when two motor/drive combinations would work, Bryant recommended the lower horsepower option.
5. For information on the electrical properties of Bryant motors, please see the Electrical information section of this book.
6. For more information on the performance limits of Bryant motors, see the application data section of this book.
7. The EPACT (Energy Policy Act of 1992) regulates energy requirements for specific types of indoor fan motors. Motors regulated by EPACT include any general purpose, T-frame (three-digit, 143 and larger), single-speed, foot mounted, polyphase, squirrel cage induction motors of NEMA (National Electrical Manufacturers Association) design A and B, manufactured for use in the United States. Ranging from 1 to 200 Hp, these continuous-duty motors operate on 230 and 460 volt, 60 Hz power. If a motor does not fit into these specifications, the motor does not have to be replaced by an EPACT compliant energy-efficient motor. Variable-speed motors are exempt from EPACT compliance requirements. Therefore, the indoor fan motors for Bryant 558J04-16 units are exempt from these requirements.

FAN PERFORMANCE

Table 8 – 558J*04

1 PHASE

3 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option				Medium Static Option			
900	554	0.14	681	0.22	783	0.32	870	0.42	947	0.53
975	575	0.16	701	0.25	801	0.35	888	0.45	965	0.57
1050	597	0.18	721	0.28	821	0.38	906	0.49	983	0.61
1125	620	0.21	741	0.31	840	0.42	925	0.54	1001	0.66
1200	643	0.23	762	0.35	860	0.46	944	0.58	1020	0.71
1275	666	0.27	784	0.38	880	0.50	964	0.63	1039	0.76
1350	690	0.30	805	0.42	900	0.55	983	0.68	1058	0.82
1425	714	0.34	827	0.47	921	0.60	1003	0.74	1077	0.88
1500	738	0.38	849	0.52	942	0.66	1024	0.80	1097	0.95

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option					Field Supplied Drive ²				
900	1017	0.64	1082	0.76	1143	0.88	1200	1.01	1254	1.14
975	1035	0.68	1100	0.81	1160	0.93	1217	1.07	1271	1.20
1050	1053	0.73	1117	0.86	1177	0.99	1234	1.13	–	–
1125	1071	0.78	1135	0.92	1195	1.05	1251	1.19	–	–
1200	1089	0.84	1153	0.98	1212	1.12	–	–	–	–
1275	1107	0.90	1171	1.04	1230	1.19	–	–	–	–
1350	1126	0.96	1189	1.11	–	–	–	–	–	–
1425	1145	1.03	1208	1.18	–	–	–	–	–	–
1500	1164	1.10	–	–	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AG006) and belt (part no. KR30AE039).
2. Recommend using field-supplied motor pulley (part no. KR11HY161) and belt (part no. KR30AE035).

Table 8 (cont.) 558J*04

1 PHASE

3 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option				Medium Static Option			
900	566	0.14	690	0.23	791	0.32	879	0.42	957	0.52
975	590	0.17	711	0.26	811	0.36	897	0.46	975	0.57
1050	615	0.19	733	0.29	831	0.39	916	0.50	993	0.62
1125	640	0.22	755	0.33	851	0.43	936	0.55	1012	0.67
1200	666	0.25	778	0.36	873	0.48	956	0.60	1031	0.72
1275	692	0.29	802	0.41	894	0.53	976	0.65	1051	0.78
1350	719	0.33	825	0.45	916	0.58	997	0.71	1071	0.84
1425	746	0.37	850	0.50	939	0.63	1019	0.77	1091	0.91
1500	774	0.42	875	0.55	962	0.69	1041	0.83	1112	0.98

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option					Field Supplied Drive ²				
900	1029	0.63	1095	0.75	1157	0.86	1216	0.99	1272	1.11
975	1046	0.68	1112	0.80	1174	0.92	1232	1.05	1287	1.18
1050	1064	0.73	1129	0.86	1190	0.98	1248	1.11	–	–
1125	1082	0.79	1147	0.92	1208	1.05	1265	1.18	–	–
1200	1100	0.85	1165	0.98	1225	1.12	–	–	–	–
1275	1119	0.91	1183	1.05	1243	1.19	–	–	–	–
1350	1139	0.98	1202	1.12	–	–	–	–	–	–
1425	1159	1.05	1221	1.20	–	–	–	–	–	–
1500	1179	1.13	–	–	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AG006) and belt (part no. KR30AE039).
2. Recommend using field-supplied motor pulley (part no. KR11HY161) and belt (part no. KR30AE035).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*04

3 PHASE

3 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option				Medium Static Option			
900	554	0.14	681	0.22	783	0.32	870	0.42	947	0.53
975	575	0.16	701	0.25	801	0.35	888	0.45	965	0.57
1050	597	0.18	721	0.28	821	0.38	906	0.49	983	0.61
1125	620	0.21	741	0.31	840	0.42	925	0.54	1001	0.66
1200	643	0.23	762	0.35	860	0.46	944	0.58	1020	0.71
1275	666	0.27	784	0.38	880	0.50	964	0.63	1039	0.76
1350	690	0.30	805	0.42	900	0.55	983	0.68	1058	0.82
1425	714	0.34	827	0.47	921	0.60	1003	0.74	1077	0.88
1500	738	0.38	849	0.52	942	0.66	1024	0.80	1097	0.95

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option					High Static Option				
900	1017	0.64	1082	0.76	1143	0.88	1200	1.01	1254	1.14
975	1035	0.68	1100	0.81	1160	0.93	1217	1.07	1271	1.20
1050	1053	0.73	1117	0.86	1177	0.99	1234	1.13	1288	1.27
1125	1071	0.78	1135	0.92	1195	1.05	1251	1.19	1305	1.34
1200	1089	0.84	1153	0.98	1212	1.12	1269	1.26	1322	1.41
1275	1107	0.90	1171	1.04	1230	1.19	1286	1.33	1340	1.49
1350	1126	0.96	1189	1.11	1249	1.26	1304	1.41	1357	1.57
1425	1145	1.03	1208	1.18	1267	1.33	1323	1.49	1375	1.66
1500	1164	1.10	1227	1.25	1285	1.41	1341	1.58	1394	1.75

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AG006) and belt (part no. KR30AE039).

Table 8 (cont.) 558J*04

3 PHASE

3 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option				Medium Static Option			
900	566	0.14	690	0.23	791	0.32	879	0.42	957	0.52
975	590	0.17	711	0.26	811	0.36	897	0.46	975	0.57
1050	615	0.19	733	0.29	831	0.39	916	0.50	993	0.62
1125	640	0.22	755	0.33	851	0.43	936	0.55	1012	0.67
1200	666	0.25	778	0.36	873	0.48	956	0.60	1031	0.72
1275	692	0.29	802	0.41	894	0.53	976	0.65	1051	0.78
1350	719	0.33	825	0.45	916	0.58	997	0.71	1071	0.84
1425	746	0.37	850	0.50	939	0.63	1019	0.77	1091	0.91
1500	774	0.42	875	0.55	962	0.69	1041	0.83	1112	0.98

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option					High Static Option				
900	1029	0.63	1095	0.75	1157	0.86	1216	0.99	1272	1.11
975	1046	0.68	1112	0.80	1174	0.92	1232	1.05	1287	1.18
1050	1064	0.73	1129	0.86	1190	0.98	1248	1.11	1304	1.25
1125	1082	0.79	1147	0.92	1208	1.05	1265	1.18	1320	1.32
1200	1100	0.85	1165	0.98	1225	1.12	1282	1.26	1337	1.40
1275	1119	0.91	1183	1.05	1243	1.19	1300	1.34	1354	1.49
1350	1139	0.98	1202	1.12	1262	1.27	1318	1.42	1372	1.57
1425	1159	1.05	1221	1.20	1280	1.35	1336	1.51	1390	1.66
1500	1179	1.13	1241	1.28	1300	1.44	1355	1.60	1408	1.76

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AG006) and belt (part no. KR30AE039).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*05

1 PHASE

4 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option				Medium Static Option			
1200	643	0.23	762	0.35	860	0.46	944	0.58
1300	674	0.28	791	0.40	887	0.52	970	0.65
1400	706	0.33	820	0.45	914	0.59	997	0.72
1500	738	0.38	849	0.52	942	0.66	1024	0.80
1600	771	0.44	879	0.59	971	0.74	1051	0.89
1700	804	0.51	910	0.66	1000	0.82	1079	0.98
1800	837	0.59	941	0.75	1029	0.91	1107	1.08
1900	871	0.67	972	0.84	1059	1.02	1136	1.19
2000	906	0.76	1004	0.94	1089	1.12	–	–

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				Field Supplied Drive ¹			
1200	1089	0.84	1153	0.98	1212	1.12	–	–
1300	1114	0.92	1177	1.06	–	–	–	–
1400	1139	1.01	1202	1.15	–	–	–	–
1500	1164	1.10	–	–	–	–	–	–
1600	1190	1.20	–	–	–	–	–	–
1700	–	–	–	–	–	–	–	–
1800	–	–	–	–	–	–	–	–
1900	–	–	–	–	–	–	–	–
2000	–	–	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field – supplied drive is required.

1. Recommend using field – supplied motor pulley (part no. KR11HY161) and belt (part no. KR30AE035).

Table 8 (cont.) 558J*05

1 PHASE

4 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option				Medium Static Option			
1200	666	0.25	778	0.36	873	0.48	956	0.60
1300	701	0.30	809	0.42	902	0.54	983	0.67
1400	737	0.36	842	0.48	932	0.61	1012	0.75
1500	774	0.42	875	0.55	962	0.69	1041	0.83
1600	811	0.49	909	0.63	994	0.78	1071	0.93
1700	849	0.57	943	0.72	1026	0.87	1101	1.03
1800	887	0.65	978	0.81	1059	0.98	1133	1.14
1900	926	0.75	1014	0.92	1092	1.09	–	–
2000	965	0.86	1050	1.03	–	–	–	–

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				Field Supplied Drive ¹			
1200	1100	0.85	1165	0.98	1225	1.12	–	–
1300	1126	0.94	1189	1.07	–	–	–	–
1400	1152	1.03	1215	1.17	–	–	–	–
1500	1179	1.13	–	–	–	–	–	–
1600	1206	1.24	–	–	–	–	–	–
1700	1235	1.36	–	–	–	–	–	–
1800	1264	1.48	–	–	–	–	–	–
1900	1293	1.62	–	–	–	–	–	–
2000	1324	1.77	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field – supplied drive is required.

1. Recommend using field – supplied motor pulley (part no. KR11HY161) and belt (part no. KR30AE035).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*05

3 PHASE

4 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option				Medium Static Option			
1200	643	0.23	762	0.35	860	0.46	944	0.58
1300	674	0.28	791	0.40	887	0.52	970	0.65
1400	706	0.33	820	0.45	914	0.59	997	0.72
1500	738	0.38	849	0.52	942	0.66	1024	0.80
1600	771	0.44	879	0.59	971	0.74	1051	0.89
1700	804	0.51	910	0.66	1000	0.82	1079	0.98
1800	837	0.59	941	0.75	1029	0.91	1107	1.08
1900	871	0.67	972	0.84	1059	1.02	1136	1.19
2000	906	0.76	1004	0.94	1089	1.12	1165	1.31

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				High Static Option			
1200	1089	0.84	1153	0.98	1212	1.12	1269	1.26
1300	1114	0.92	1177	1.06	1236	1.21	1292	1.36
1400	1139	1.01	1202	1.15	1261	1.31	1316	1.47
1500	1164	1.10	1227	1.25	1285	1.41	1341	1.58
1600	1190	1.20	1252	1.36	1311	1.53	1366	1.70
1700	1217	1.31	1278	1.48	1336	1.65	1391	1.83
1800	1244	1.42	1305	1.60	1362	1.78	1416	1.97
1900	1271	1.55	1331	1.73	1388	1.92	1442	2.11
2000	1298	1.68	1358	1.87	1415	2.07	1468	2.27

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AZ506), motor pulley (part no. KR11HY181) and belt (part no. KR30AE041).

Table 8 (cont.) 558J*05

3 PHASE

4 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option				Medium Static Option			
1200	666	0.25	778	0.36	873	0.48	956	0.60
1300	701	0.30	809	0.42	902	0.54	983	0.67
1400	737	0.36	842	0.48	932	0.61	1012	0.75
1500	774	0.42	875	0.55	962	0.69	1041	0.83
1600	811	0.49	909	0.63	994	0.78	1071	0.93
1700	849	0.57	943	0.72	1026	0.87	1101	1.03
1800	887	0.65	978	0.81	1059	0.98	1133	1.14
1900	926	0.75	1014	0.92	1092	1.09	1164	1.26
2000	965	0.86	1050	1.03	1127	1.21	1197	1.39

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				High Static Option			
1200	1100	0.85	1165	0.98	1225	1.12	1282	1.26
1300	1126	0.94	1189	1.07	1249	1.22	1306	1.36
1400	1152	1.03	1215	1.17	1274	1.32	1330	1.48
1500	1179	1.13	1241	1.28	1300	1.44	1355	1.60
1600	1206	1.24	1268	1.40	1326	1.56	1381	1.73
1700	1235	1.36	1295	1.52	1352	1.69	1407	1.87
1800	1264	1.48	1323	1.66	1380	1.84	1434	2.02
1900	1293	1.62	1352	1.80	1408	1.99	1461	2.17
2000	1324	1.77	1381	1.96	1436	2.15	1489	2.34

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AZ506), motor pulley (part no. KR11HY181) and belt (part no. KR30AE041).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*06

1 PHASE

5 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option							
1500	724	0.33	837	0.45	937	0.59	1028	0.74	1111	0.91
1625	765	0.40	873	0.53	969	0.67	1056	0.83	1137	1.00
1750	806	0.48	909	0.61	1002	0.76	1087	0.92	1165	1.10
1875	849	0.57	947	0.71	1036	0.86	1118	1.03	1195	1.21
2000	892	0.67	986	0.82	1072	0.98	1151	1.15	1226	1.33
2125	935	0.79	1025	0.94	1108	1.11	1185	1.29	1258	1.47
2250	980	0.92	1066	1.08	1146	1.25	1220	1.43	–	–
2375	1024	1.06	1107	1.23	1184	1.41	–	–	–	–
2500	1069	1.22	1149	1.39	–	–	–	–	–	–

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option									
1500	1188	1.09	1261	1.29	1330	1.49	–	–	–	–
1625	1213	1.18	1284	1.38	–	–	–	–	–	–
1750	1239	1.28	1309	1.49	–	–	–	–	–	–
1875	1267	1.40	–	–	–	–	–	–	–	–
2000	–	–	–	–	–	–	–	–	–	–
2125	–	–	–	–	–	–	–	–	–	–
2250	–	–	–	–	–	–	–	–	–	–
2375	–	–	–	–	–	–	–	–	–	–
2500	–	–	–	–	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field–supplied drive is required.

1. Recommend using field–supplied fan pulley (part no. KR11AZ606) and belt (part no. KR30AE037).

Table 8 (cont.) 558J*06

1 PHASE

5 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option									
1500	790	0.40	897	0.53	991	0.68	1075	0.83	1152	1.00
1625	837	0.48	940	0.62	1030	0.77	1112	0.94	1187	1.11
1750	885	0.58	983	0.73	1070	0.89	1150	1.06	1223	1.24
1875	934	0.69	1027	0.85	1112	1.01	1189	1.19	1260	1.38
2000	983	0.81	1073	0.98	1154	1.16	1229	1.34	–	–
2125	1033	0.95	1119	1.13	1198	1.31	1270	1.50	–	–
2250	1084	1.11	1166	1.29	1242	1.49	–	–	–	–
2375	1134	1.28	1214	1.48	–	–	–	–	–	–
2500	1185	1.48	–	–	–	–	–	–	–	–

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option									
1500	1224	1.18	1291	1.36	–	–	–	–	–	–
1625	1257	1.30	1323	1.49	–	–	–	–	–	–
1750	1292	1.43	–	–	–	–	–	–	–	–
1875	–	–	–	–	–	–	–	–	–	–
2000	–	–	–	–	–	–	–	–	–	–
2125	–	–	–	–	–	–	–	–	–	–
2250	–	–	–	–	–	–	–	–	–	–
2375	–	–	–	–	–	–	–	–	–	–
2500	–	–	–	–	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field–supplied drive is required.

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*06

3 PHASE

5 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive¹		Standard Static Option					
1500	724	0.33	837	0.45	937	0.59	1028	0.74
1625	765	0.40	873	0.53	969	0.67	1056	0.83
1750	806	0.48	909	0.61	1002	0.76	1087	0.92
1875	849	0.57	947	0.71	1036	0.86	1118	1.03
2000	892	0.67	986	0.82	1072	0.98	1151	1.15
2125	935	0.79	1025	0.94	1108	1.11	1185	1.29
2250	980	0.92	1066	1.08	1146	1.25	1220	1.43
2375	1024	1.06	1107	1.23	1184	1.41	1256	1.60
2500	1069	1.22	1149	1.39	1223	1.58	1293	1.77

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				High Static Option			
1500	1188	1.09	1261	1.29	1330	1.49	1395	1.71
1625	1213	1.18	1284	1.38	1352	1.59	1416	1.81
1750	1239	1.28	1309	1.49	1375	1.70	1439	1.92
1875	1267	1.40	1335	1.60	1400	1.82	1462	2.04
2000	1296	1.53	1363	1.74	1427	1.95	1488	2.18
2125	1326	1.67	1392	1.88	1454	2.11	1514	2.34
2250	1358	1.83	1421	2.05	1483	2.27	1541	2.51
2375	1390	2.00	1452	2.22	1512	2.45	1570	2.69
2500	1424	2.19	1484	2.42	1543	2.65	1599	2.89

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AZ606) and belt (part no. KR30AE037).

Table 8 (cont.) 558J*06

3 PHASE

5 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option							
1500	790	0.40	897	0.53	991	0.68	1075	0.83
1625	837	0.48	940	0.62	1030	0.77	1112	0.94
1750	885	0.58	983	0.73	1070	0.89	1150	1.06
1875	934	0.69	1027	0.85	1112	1.01	1189	1.19
2000	983	0.81	1073	0.98	1154	1.16	1229	1.34
2125	1033	0.95	1119	1.13	1198	1.31	1270	1.50
2250	1084	1.11	1166	1.29	1242	1.49	1312	1.69
2375	1134	1.28	1214	1.48	1287	1.68	1355	1.89
2500	1185	1.48	1262	1.68	1333	1.89	1399	2.10

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				High Static Option			
1500	1224	1.18	1291	1.36	1354	1.56	1414	1.77
1625	1257	1.30	1323	1.49	1385	1.69	1445	1.90
1750	1292	1.43	1356	1.63	1418	1.83	1476	2.05
1875	1327	1.57	1391	1.78	1451	1.99	1509	2.21
2000	1364	1.74	1427	1.95	1486	2.17	1542	2.39
2125	1402	1.92	1463	2.13	1521	2.36	1577	2.59
2250	1441	2.11	1501	2.34	1558	2.57	1612	2.81
2375	1481	2.33	1539	2.56	1595	2.80	—	—
2500	1522	2.56	1579	2.80	—	—	—	—

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*07

3 PHASE

6 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹					Standard Static Option				
1800	822	0.51	927	0.66	1018	0.82	1100	0.98	1174	1.15
1950	872	0.62	973	0.79	1061	0.95	1140	1.13	1213	1.31
2100	923	0.75	1019	0.92	1104	1.10	1182	1.29	1253	1.48
2250	974	0.90	1067	1.08	1149	1.27	1224	1.46	1294	1.66
2400	1026	1.06	1115	1.26	1195	1.46	1268	1.66	1336	1.87
2550	1079	1.25	1164	1.46	1241	1.67	1312	1.88	1379	2.10
2700	1132	1.46	1214	1.67	1289	1.90	1358	2.12	1422	2.35
2850	1186	1.69	1264	1.92	1336	2.15	1404	2.39	1467	2.63
3000	1240	1.94	1315	2.18	1385	2.43	1451	2.68	1512	2.93

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option								Medium Static Option	
1800	1244	1.33	1308	1.51	1369	1.70	1427	1.90	1483	2.10
1950	1281	1.49	1345	1.68	1405	1.88	1462	2.09	1517	2.30
2100	1320	1.67	1382	1.87	1441	2.08	1498	2.29	1552	2.51
2250	1359	1.87	1420	2.08	1479	2.29	1534	2.51	1587	2.74
2400	1400	2.09	1460	2.31	1517	2.53	1572	2.76	1624	2.99
2550	1441	2.33	1500	2.55	1557	2.79	1610	3.03	1662	3.27
2700	1483	2.59	1541	2.83	1597	3.07	1650	3.32	1701	3.57
2850	1527	2.87	1583	3.12	1638	3.37	1690	3.63	–	–
3000	1571	3.18	1626	3.44	1680	3.70	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field – supplied drive is required.

1. Recommend using field – supplied fan pulley (part no. KR11AZ406), motor pulley (part no. KR11HY151) and belt (part no. KR30AE035).

Table 8 (cont.) 558J*07

3 PHASE

6 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹					Standard Static Option				
1800	907	0.63	1006	0.80	1092	0.97	1169	1.14	1239	1.32
1950	965	0.77	1060	0.95	1143	1.13	1218	1.32	1287	1.51
2100	1024	0.93	1115	1.12	1195	1.32	1268	1.52	1335	1.72
2250	1083	1.11	1170	1.32	1248	1.53	1319	1.74	1385	1.96
2400	1143	1.32	1227	1.54	1302	1.76	1371	1.99	1435	2.22
2550	1203	1.55	1284	1.78	1357	2.02	1424	2.26	1487	2.50
2700	1264	1.81	1342	2.06	1412	2.31	1478	2.56	1539	2.82
2850	1326	2.09	1400	2.36	1469	2.62	1532	2.89	1592	3.16
3000	1387	2.41	1459	2.69	1525	2.97	1587	3.25	1646	3.53

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option					Medium Static Option		High Static Option		
1800	1304	1.51	1365	1.69	1422	1.88	1477	2.08	1528	2.28
1950	1350	1.71	1410	1.91	1467	2.11	1520	2.31	1572	2.52
2100	1398	1.93	1457	2.14	1512	2.35	1565	2.57	1616	2.79
2250	1446	2.18	1504	2.40	1559	2.62	1611	2.85	1661	3.09
2400	1496	2.45	1552	2.68	1606	2.92	1658	3.16	1707	3.40
2550	1546	2.75	1601	2.99	1654	3.24	1705	3.50	–	–
2700	1597	3.07	1651	3.33	1703	3.59	–	–	–	–
2850	1648	3.43	1702	3.70	–	–	–	–	–	–
3000	–	–	–	–	–	–	–	–	–	–

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field – supplied drive is required.

1. Recommend using field – supplied fan pulley (part no. KR11AZ406), motor pulley (part no. KR11HY151) and belt (part no. KR30AE035).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*08

3 PHASE

7.5 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option				Medium Static Option	
2250	465	0.43	555	0.64	629	0.86	694	1.10
2438	488	0.51	575	0.73	648	0.97	712	1.21
2625	510	0.60	595	0.84	666	1.09	729	1.34
2813	533	0.70	616	0.95	686	1.22	748	1.49
3000	557	0.82	637	1.08	705	1.36	766	1.64
3188	581	0.94	659	1.23	726	1.51	785	1.81
3375	606	1.08	681	1.38	746	1.68	805	2.00
3563	630	1.24	703	1.55	767	1.87	825	2.20
3750	655	1.41	726	1.74	789	2.07	845	2.41

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				High Static Option			
2250	806	1.60	856	1.87	903	2.15	947	2.45
2438	822	1.74	872	2.03	918	2.32	961	2.62
2625	839	1.90	887	2.19	933	2.49	977	2.81
2813	856	2.06	904	2.37	949	2.68	992	3.01
3000	873	2.24	921	2.56	966	2.89	1008	3.22
3188	891	2.44	938	2.77	982	3.10	1025	3.45
3375	909	2.65	955	2.99	1000	3.34	1041	3.70
3563	927	2.88	973	3.23	1017	3.59	1059	3.96
3750	946	3.12	992	3.48	1035	3.86	1076	4.24

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AK012), motor pulley (part no. KR11HY161) and belt (part no. KR30AE035).
2. Recommend using field-supplied fan pulley (part no. KR11AZ002) and belt (part no. KR29AF054).

Table 8 (cont.) 558J*08

3 PHASE

7.5 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Option						Medium Static Option	
2250	511	0.53	591	0.73	660	0.95	722	1.19
2438	540	0.64	616	0.85	683	1.08	743	1.33
2625	569	0.76	642	0.99	706	1.23	765	1.49
2813	599	0.90	669	1.14	731	1.39	788	1.66
3000	630	1.06	696	1.31	756	1.58	811	1.86
3188	661	1.23	724	1.50	782	1.78	836	2.07
3375	692	1.43	753	1.71	809	2.00	861	2.31
3563	723	1.65	782	1.94	836	2.25	887	2.56
3750	755	1.89	811	2.20	864	2.52	913	2.84

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option				High Static Option			
2250	832	1.71	882	1.99	928	2.29	973	2.59
2438	851	1.87	899	2.16	945	2.46	989	2.78
2625	870	2.04	918	2.34	963	2.66	1006	2.98
2813	890	2.24	937	2.55	982	2.87	1024	3.21
3000	912	2.46	958	2.78	1001	3.11	1043	3.45
3188	934	2.69	979	3.02	1022	3.36	1063	3.72
3375	956	2.95	1000	3.29	1042	3.64	1083	4.00
3563	980	3.23	1023	3.58	1064	3.94	1104	4.32
3750	1004	3.54	1046	3.90	1086	4.27	1125	4.65

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AZ002) and belt (part no. KR29AF054).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*09

3 PHASE

8.5 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option					
2550	438	0.39	523	0.50	595	0.64	658	0.78
2763	459	0.47	541	0.60	611	0.73	673	0.88
2975	481	0.56	560	0.70	628	0.84	689	1.00
3188	504	0.67	580	0.82	646	0.97	705	1.13
3400	526	0.80	600	0.95	664	1.11	722	1.27
3613	550	0.94	620	1.10	683	1.26	740	1.43
3825	573	1.09	641	1.26	702	1.43	758	1.61
4038	597	1.26	663	1.44	722	1.62	777	1.81
4250	621	1.45	685	1.64	743	1.83	796	2.02

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option						High Static Option	
2550	769	1.11	819	1.30	865	1.49	909	1.70
2763	782	1.22	831	1.41	877	1.60	921	1.81
2975	796	1.34	845	1.53	890	1.73	933	1.94
3188	811	1.48	858	1.67	903	1.88	946	2.09
3400	826	1.63	873	1.83	917	2.04	959	2.25
3613	842	1.81	888	2.01	932	2.22	973	2.44
3825	858	2.00	903	2.20	946	2.42	988	2.64
4038	875	2.20	919	2.41	962	2.63	1002	2.86
4250	892	2.43	936	2.65	978	2.87	1018	3.10

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field – supplied drive is required.

1. Recommend using field – supplied fan pulley (part no. KR11AK012) and belt (part no. KR30AE055).

Table 8 (cont.) 558J*09

3 PHASE

8.5 VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option					
2550	477	0.43	556	0.57	624	0.71	685	0.85
2763	503	0.52	578	0.67	644	0.82	704	0.97
2975	529	0.62	601	0.79	665	0.95	724	1.11
3188	556	0.74	625	0.92	687	1.09	744	1.26
3400	583	0.88	650	1.06	710	1.24	765	1.43
3613	611	1.03	675	1.22	733	1.42	787	1.61
3825	639	1.19	701	1.40	757	1.61	809	1.81
4038	668	1.38	727	1.60	781	1.81	832	2.03
4250	696	1.58	753	1.81	806	2.04	855	2.27

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option						High Static Option	
2550	794	1.14	842	1.29	888	1.44	932	1.59
2763	810	1.28	858	1.44	903	1.60	946	1.77
2975	827	1.44	874	1.61	919	1.78	961	1.95
3188	845	1.62	891	1.79	935	1.98	977	2.16
3400	864	1.80	909	1.99	952	2.18	993	2.38
3613	883	2.01	928	2.21	970	2.41	1010	2.61
3825	903	2.23	947	2.44	988	2.65	1028	2.87
4038	924	2.47	967	2.70	1008	2.92	1047	3.14
4250	945	2.73	987	2.97	1027	3.20	1066	3.43

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field – supplied drive is required.

1. Recommend using field – supplied fan pulley (part no. KR11AK012) and belt (part no. KR29AE055).

2. Recommend using field – supplied fan pulley (part no. KR11AZ002), motor pulley (part no. KR11HY310) and belt (part no. KR29AF054).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*12

3 PHASE

10 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive¹		Standard Static Option					
3000	523	0.58	592	0.73	657	0.88	718	1.05
3250	555	0.71	620	0.87	681	1.04	739	1.21
3500	588	0.86	649	1.03	707	1.21	762	1.39
3750	621	1.03	679	1.21	734	1.40	786	1.59
4000	655	1.23	709	1.42	761	1.61	812	1.82
4250	689	1.45	741	1.65	790	1.86	838	2.07
4500	723	1.69	773	1.90	820	2.12	866	2.35
4750	758	1.96	805	2.19	850	2.42	894	2.65
5000	793	2.26	838	2.50	881	2.74	923	2.98

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Static Opt.		Medium Static Option					
3000	830	1.39	883	1.57	934	1.76	982	1.95
3250	847	1.57	897	1.76	946	1.96	993	2.16
3500	865	1.77	914	1.97	961	2.18	1007	2.38
3750	885	1.99	932	2.20	978	2.42	1022	2.64
4000	907	2.24	952	2.46	996	2.68	1038	2.91
4250	930	2.51	973	2.74	1015	2.97	1057	3.21
4500	954	2.81	996	3.05	1037	3.29	1076	3.54
4750	979	3.13	1019	3.38	1059	3.63	1097	3.89
5000	1005	3.49	1044	3.74	1082	4.01	1119	4.27

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AD912) and belt (part no. KR29AF051).

Table 8 (cont.) 558J*12

3 PHASE

10 VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	0.2		0.4		0.6		0.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive¹		Standard Static Option					
3000	556	0.65	623	0.80	684	0.95	738	1.11
3250	590	0.79	655	0.96	713	1.13	766	1.29
3500	625	0.96	687	1.14	742	1.32	794	1.50
3750	661	1.16	719	1.35	773	1.54	822	1.73
4000	697	1.37	753	1.58	804	1.79	852	1.99
4250	733	1.62	787	1.84	836	2.06	883	2.28
4500	770	1.89	821	2.13	869	2.36	914	2.59
4750	807	2.20	856	2.45	902	2.69	945	2.94
5000	844	2.54	891	2.80	936	3.06	978	3.31

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)							
	1.2		1.4		1.6		1.8	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option							
3000	836	1.42	881	1.57	923	1.73	963	1.89
3250	861	1.63	904	1.79	945	1.96	985	2.13
3500	886	1.86	929	2.04	969	2.22	1008	2.40
3750	912	2.12	954	2.31	994	2.50	1031	2.70
4000	940	2.40	980	2.61	1019	2.81	1056	3.02
4250	968	2.71	1007	2.93	1045	3.15	1081	3.36
4500	996	3.05	1035	3.28	1072	3.51	1108	3.74
4750	1026	3.42	1063	3.66	1100	3.91	1135	4.15
5000	1056	3.82	1093	4.08	1128	4.34	1162	4.59

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field-supplied drive is required.

1. Recommend using field-supplied fan pulley (part no. KR11AD912) and belt (part no. KR29AF051).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*14

3 PHASE

12.5 TON HORIZONTAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option							
3438	580	0.82	642	0.99	700	1.16	756	1.34	809	1.53
3750	621	1.03	679	1.21	734	1.40	786	1.59	837	1.79
4063	663	1.28	717	1.47	769	1.67	818	1.88	866	2.09
4375	706	1.56	757	1.77	805	1.98	852	2.20	897	2.43
4688	749	1.89	797	2.11	843	2.34	887	2.57	930	2.81
5000	793	2.26	838	2.50	881	2.74	923	2.98	965	3.23
5313	837	2.69	880	2.93	921	3.19	961	3.44	1000	3.71
5625	882	3.16	922	3.42	961	3.68	999	3.95	1037	4.23
5938	926	3.68	964	3.96	1001	4.23	1038	4.52	—	—
6250	971	4.26	1007	4.55	—	—	—	—	—	—

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option									
3438	860	1.72	910	1.92	957	2.12	1003	2.32	1048	2.54
3750	885	1.99	932	2.20	978	2.42	1022	2.64	1065	2.86
4063	912	2.31	957	2.53	1001	2.75	1043	2.98	1084	3.22
4375	941	2.66	984	2.89	1026	3.13	1066	3.37	1106	3.62
4688	972	3.05	1013	3.29	1053	3.54	1092	3.80	1130	4.06
5000	1005	3.49	1044	3.74	1082	4.01	1119	4.27	1156	4.55
5313	1038	3.97	1076	4.24	1113	4.52	—	—	—	—
5625	1073	4.51	—	—	—	—	—	—	—	—
5938	—	—	—	—	—	—	—	—	—	—
6250	—	—	—	—	—	—	—	—	—	—

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field–supplied drive is required.

1. Recommend using field–supplied fan pulley (part no. KR11AK012) and belt (part no. KR29AE055).
2. Recommend using field–supplied fan pulley (part no. KR11AZ002), motor pulley (part no. KR11HY310) and belt (part no. KR29AF054).

Table 8 (cont.) 558J*14

3 PHASE

12.5 TON VERTICAL SUPPLY

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Field Supplied Drive ¹		Standard Static Option							
3438	616	0.92	679	1.10	735	1.27	786	1.45	835	1.62
3750	661	1.16	719	1.35	773	1.54	822	1.73	869	1.93
4063	706	1.43	761	1.64	812	1.85	860	2.06	904	2.27
4375	752	1.75	804	1.98	852	2.20	898	2.43	941	2.65
4688	798	2.12	847	2.36	894	2.60	937	2.85	979	3.09
5000	844	2.54	891	2.80	936	3.06	978	3.31	1018	3.57
5313	891	3.01	936	3.28	978	3.56	1019	3.83	1057	4.11
5625	938	3.53	981	3.83	1022	4.12	1060	4.41	1097	4.70
5938	986	4.12	1026	4.43						
6250	—	—	—	—	—	—	—	—	—	—

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (IN. WG)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Medium Static Option									
3438	880	1.80	922	1.98	963	2.15	1002	2.33	1039	2.51
3750	912	2.12	954	2.31	994	2.50	1031	2.70	1068	2.89
4063	947	2.48	987	2.68	1025	2.89	1062	3.10	1098	3.31
4375	982	2.88	1021	3.10	1058	3.32	1094	3.55	1129	3.77
4688	1018	3.33	1056	3.57	1093	3.81	1128	4.04	1162	4.29
5000	1056	3.82	1093	4.08	1128	4.34	1162	4.59	—	—
5313	1094	4.38	1130	4.65	—	—	—	—	—	—
5625	—	—	—	—	—	—	—	—	—	—
5938	—	—	—	—	—	—	—	—	—	—
6250	—	—	—	—	—	—	—	—	—	—

NOTE: For more information, see General Fan Performance Notes.

Boldface indicates field–supplied drive is required.

1. Recommend using field–supplied fan pulley (part no. KR11AK012) and belt (part no. KR29AE055).
2. Recommend using field–supplied fan pulley (part no. KR11AZ002), motor pulley (part no. KR11HY310) and belt (part no. KR29AF054).

FAN PERFORMANCE (cont.)

Table 8 (cont.) 558J*16

3 PHASE

15 TON VERTICAL SUPPLY

CFM	Available External Static Pressure (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4500	425	0.76	490	1.02	550	1.30	607	1.61	664	1.96
4875	448	0.92	510	1.20	566	1.49	621	1.81	674	2.15
5250	472	1.10	531	1.40	584	1.70	636	2.03	686	2.38
5625	496	1.30	552	1.62	603	1.94	652	2.28	699	2.64
6000	520	1.52	574	1.86	623	2.20	670	2.55	715	2.92
6375	544	1.77	596	2.13	644	2.49	688	2.86	731	3.24
6750	568	2.05	618	2.43	664	2.81	707	3.19	749	3.59
7125	593	2.35	641	2.75	685	3.16	727	3.56	767	3.97
7500	617	2.69	664	3.11	707	3.53	747	3.95	786	4.38

CFM	Available External Static Pressure (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4500	719	2.34	772	2.76	823	3.20	872	3.67	918	4.16
4875	725	2.54	776	2.95	825	3.40	873	3.87	919	4.37
5250	734	2.76	783	3.18	830	3.63	876	4.10	920	4.60
5625	746	3.03	791	3.44	836	3.89	880	4.36	923	4.86
6000	759	3.32	802	3.74	845	4.18	887	4.66	928	5.16
6375	773	3.64	814	4.07	855	4.52	895	4.99	935	5.49
6750	789	4.00	828	4.43	867	4.89	905	5.36	943	5.87
7125	806	4.39	844	4.84	881	5.29	917	5.78	—	—
7500	823	4.82	860	5.27	895	5.74	—	—	—	—

NOTE: For more information, see General Fan Performance Notes.

Table 8 (cont.) 558J*16

3 PHASE

15 TON HORIZONTAL SUPPLY

CFM	Available External Static Pressure (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4500	423	0.77	487	0.99	545	1.22	601	1.47	655	1.73
4875	447	0.94	507	1.18	563	1.42	615	1.67	666	1.95
5250	471	1.13	528	1.38	581	1.64	631	1.91	679	2.19
5625	496	1.35	550	1.62	600	1.89	648	2.17	694	2.46
6000	520	1.59	572	1.88	620	2.17	666	2.46	710	2.76
6375	545	1.86	594	2.17	640	2.47	684	2.78	726	3.10
6750	571	2.17	617	2.48	661	2.81	704	3.13	744	3.46
7125	596	2.50	640	2.83	683	3.17	724	3.52	763	3.86
7500	622	2.87	663	3.22	705	3.58	744	3.93	782	4.30

CFM	Available External Static Pressure (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4500	707	2.02	758	2.33	806	2.66	853	3.01	898	3.37
4875	716	2.24	764	2.55	811	2.89	856	3.24	900	3.61
5250	726	2.49	772	2.81	817	3.14	860	3.50	903	3.87
5625	738	2.77	782	3.09	825	3.43	867	3.79	908	4.17
6000	752	3.08	794	3.41	835	3.76	875	4.12	914	4.50
6375	767	3.42	807	3.76	846	4.12	885	4.49	923	4.87
6750	784	3.80	822	4.15	859	4.51	896	4.89	933	5.28
7125	801	4.22	838	4.58	874	4.95	909	5.33	944	5.73
7500	818	4.66	854	5.04	889	5.42	923	5.81	—	—

NOTE: For more information, see General Fan Performance Notes.

FAN PERFORMANCE (cont.)

Table 9 – PULLEY ADJUSTMENT

UNIT		MOTOR/DRIVE COMBO	MOTOR PULLEY TURNS OPEN										
			0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
04	1 phase	Standard Static	854	825	795	766	736	707	678	648	619	589	560
		Medium Static	1175	1135	1094	1054	1013	973	932	892	851	811	770
		High Static	–	–	–	–	–	–	–	–	–	–	–
	3 phase	Standard Static	854	825	795	766	736	707	678	648	619	589	560
		Medium Static	1175	1135	1094	1054	1013	973	932	892	851	811	770
		High Static	1466	1423	1380	1337	1294	1251	1207	1164	1121	1078	1035
05	1 phase	Standard Static	854	825	795	766	736	707	678	648	619	589	560
		Medium Static	1175	1135	1094	1054	1013	973	932	892	851	811	770
		High Static	–	–	–	–	–	–	–	–	–	–	–
	3 phase	Standard Static	854	825	795	766	736	707	678	648	619	589	560
		Medium Static	1175	1135	1094	1054	1013	973	932	892	851	811	770
		High Static	1466	1423	1380	1337	1294	1251	1207	1164	1121	1078	1035
06	1 phase	Standard Static	1175	1135	1094	1054	1013	973	932	892	851	811	770
		Medium Static	1466	1423	1380	1337	1294	1251	1207	1164	1121	1078	1035
		High Static	–	–	–	–	–	–	–	–	–	–	–
	3 phase	Standard Static	1175	1135	1094	1054	1013	973	932	892	851	811	770
		Medium Static	1466	1423	1380	1337	1294	1251	1207	1164	1121	1078	1035
		High Static	1687	1649	1610	1572	1533	1495	1457	1418	1380	1341	1303
07	3 phase	Standard Static	1457	1419	1380	1342	1303	1265	1227	1188	1150	1111	1073
		Medium Static	1518	1484	1449	1415	1380	1346	1311	1277	1242	1208	1173
		High Static	1788	1757	1725	1694	1662	1631	1600	1568	1537	1505	1474
08	3 phase	Standard Static	747	721	695	670	644	618	592	566	541	515	489
		Medium Static	949	927	906	884	863	841	819	798	776	755	733
		High Static	1102	1083	1063	1044	1025	1006	986	967	948	928	909
09	3 phase	Standard Static	733	712	690	669	647	626	604	583	561	540	518
		Medium Static	936	911	887	862	838	813	788	764	739	715	690
		High Static	1084	1059	1035	1010	986	961	936	912	887	863	838
12	3 phase	Standard Static	838	813	789	764	739	715	690	665	640	616	591
		Medium Static	1084	1059	1035	1010	986	961	936	912	887	863	838
		High Static	1240	1218	1196	1175	1153	1131	1109	1087	1066	1044	1022
14	3 phase	Standard Static	843	824	805	786	767	748	728	709	690	671	652
		Medium Static	1084	1059	1035	1010	986	961	936	912	887	863	838
		High Static	1240	1218	1196	1175	1153	1131	1109	1087	1066	1044	1022
16	3 phase	Standard Static	676	659	642	625	608	592	575	558	541	524	507
		Medium Static	851	829	806	784	761	739	717	694	672	649	627
		High Static	955	937	919	901	883	866	848	830	812	794	776

NOTE: Do not adjust pulley further than 5 turns open.

– Factory settings

ELECTRICAL DATA FOR UNITS PRODUCED ON OR AFTER JULY 30, 2012

NOTE: Check the serial number of unit to verify production date.

To confirm the date of manufacture, locate the unit nameplate and check the first four digits of the Serial Number. If the number listed in the first 4 digits of the Serial Number is 3112 or higher, the unit was produced on or after July 30, 2012.

Position:	1	2	3	4	5	6	7	8	9	10
Example:	3	1	1	2	U	1	2	3	4	5

Week of manufacture
(fiscal calendar)

Sequence number

Year of manufacture
("12" = 2012)

Manufacturing location

C12562A

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 10 – 558J*04 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 3 TONS

V–Ph–Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208–1–60	187	253	16.6	79	325	1.5	STD	67%	4.9
					325	1.5	MED	67%	4.9
230–1–60	187	253	16.6	79	325	1.5	STD	67%	4.9
					325	1.5	MED	67%	4.9
208–3–60	187	253	10.4	73	325	1.5	STD	75%	5.2
					325	1.5	MED	75%	5.2
					325	1.5	HIGH	87%	6.9
230–3–60	187	253	10.4	73	325	1.5	STD	75%	5.2
					325	1.5	MED	75%	5.2
					325	1.5	HIGH	87%	6.7
460–3–60	414	506	5.8	38	325	0.8	STD	75%	2.6
					325	0.8	MED	75%	2.6
					325	0.8	HIGH	87%	3.4
575–3–60	518	633	3.8	37	325	0.6	STD	73%	2.4
					325	0.6	MED	73%	2.4
					325	0.6	HIGH	78%	2.0

Table 10 (cont.) - 558J*05 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 4 TONS

V–Ph–Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208–1–60	187	253	21.8	117	325	1.5	STD	67%	4.9
					325	1.5	MED	67%	4.9
230–1–60	187	253	21.8	117	325	1.5	STD	67%	4.9
					325	1.5	MED	67%	4.9
208–3–60	187	253	13.7	83	325	1.5	STD	75%	5.2
					325	1.5	MED	75%	5.2
					325	1.5	HIGH	87%	6.9
230–3–60	187	253	13.7	83	325	1.5	STD	75%	5.2
					325	1.5	MED	75%	5.2
					325	1.5	HIGH	87%	6.7
460–3–60	414	506	6.2	41	325	0.8	STD	75%	2.6
					325	0.8	MED	75%	2.6
					325	0.8	HIGH	87%	3.4
575–3–60	518	633	4.8	33	325	0.6	STD	73%	2.4
					325	0.6	MED	73%	2.4
					325	0.6	HIGH	78%	2.0

Table 10 (cont.) - 558J*06 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 5 TONS

V–Ph–Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208–1–60	187	253	26.2	134	325	1.5	STD	67%	4.9
					325	1.5	MED	76%	7.0
230–1–60	187	253	26.2	134	325	1.5	STD	67%	4.9
					325	1.5	MED	76%	7.0
208–3–60	187	253	15.6	110	325	1.5	STD	75%	5.2
					325	1.5	MED	87%	6.9
					325	1.5	HIGH	89%	8.4
230–3–60	187	253	15.6	110	325	1.5	STD	75%	5.2
					325	1.5	MED	87%	6.7
					325	1.5	HIGH	89%	8.3
460–3–60	414	506	7.7	52	325	0.8	STD	75%	2.6
					325	0.8	MED	87%	3.4
					325	0.8	HIGH	89%	4.2
575–3–60	518	633	5.8	39	325	0.6	STD	73%	2.4
					325	0.6	MED	78%	2.0
					325	0.6	HIGH	77%	2.8

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 10 (cont.) - 558J*07 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

6 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	19.0	123	325	1.5	STD	87%	6.9
					325	1.5	MED	89%	8.4
					325	1.5	HIGH	87%	10.6
230-3-60	187	253	19.0	123	325	1.5	STD	87%	6.7
					325	1.5	MED	89%	8.3
					325	1.5	HIGH	87%	10.6
460-3-60	414	506	9.7	62	325	0.8	STD	87%	3.4
					325	0.8	MED	89%	4.2
					325	0.8	HIGH	87%	5.3
575-3-60	518	633	7.4	50	325	0.6	STD	78%	2.0
					325	0.6	MED	77%	2.8
					325	0.6	HIGH	77%	2.8

Table 10 (cont.) - 558J*08 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

7.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	25.0	164	325	1.5	STD	87%	5.2
					325	1.5	MED	89%	8.4
					325	1.5	HIGH	83%	13.6
230-3-60	187	253	25.0	164	325	1.5	STD	87%	4.9
					325	1.5	MED	89%	8.3
					325	1.5	HIGH	83%	12.7
460-3-60	414	506	12.2	100	325	0.8	STD	87%	2.5
					325	0.8	MED	89%	4.2
					325	0.8	HIGH	83%	6.4
575-3-60	518	633	9.0	78	325	0.6	STD	72%	1.6
					325	0.6	MED	77%	2.8
					325	0.6	HIGH	81%	5.6

Table 10 (cont.) - 558J*D08 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

7.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	87%	5.2
							325	1.5	MED	89%	8.4
							325	1.5	HIGH	83%	13.6
230-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	87%	4.9
							325	1.5	MED	89%	8.3
							325	1.5	HIGH	83%	12.7
460-3-60	414	506	6.1	41	6.1	41	325	0.8	STD	87%	2.5
							325	0.8	MED	89%	4.2
							325	0.8	HIGH	83%	6.4
575-3-60	518	633	4.2	33	4.2	33	325	0.6	STD	72%	1.6
							325	0.6	MED	77%	2.8
							325	0.6	HIGH	81%	5.6

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 10 (cont.) - 558J 08

2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

7.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	0.84	5.8
							325	1.5	MED	0.85	8.6
							325	1.5	HIGH	0.84	13.6
230-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	0.84	5.6
							325	1.5	MED	0.85	7.8
							325	1.5	HIGH	0.84	12.7
460-3-60	414	506	6.1	41	6.1	41	325	0.8	STD	0.79	2.9
							325	0.8	MED	0.85	3.8
							325	0.8	HIGH	0.84	6.4
575-3-60	518	633	4.2	33	4.2	33	325	0.6	STD	0.81	2.8
							325	0.6	MED	0.84	4.5
							325	0.6	HIGH	0.83	6.2

Table 10 (cont.) - 558J 09

1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

8.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM			
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA	
208-3-60	187	253	29.5	195	325	1.5	STD	87%	5.2	
					325	1.5	MED	87%	6.9	
					325	1.5	HIGH	87%	10.6	
230-3-60	187	253	29.5	195	325	1.5	STD	87%	4.9	
					325	1.5	MED	87%	6.7	
					325	1.5	HIGH	87%	10.6	
460-3-60	414	506	14.7	95	325	0.8	STD	87%	2.5	
					325	0.8	MED	87%	3.4	
					325	0.8	HIGH	87%	5.3	
575-3-60	518	633	12.2	80	325	0.6	STD	72%	1.6	
					325	0.6	MED	78%	2.0	
					325	0.6	HIGH	77%	2.8	

Table 10 (cont.) - 558J 09

2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

8.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	87%	5.2
							325	1.5	MED	87%	6.9
							325	1.5	HIGH	87%	10.6
230-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	87%	4.9
							325	1.5	MED	87%	6.7
							325	1.5	HIGH	87%	10.6
460-3-60	414	506	6.3	55	6.2	41	325	0.8	STD	87%	2.5
							325	0.8	MED	87%	3.4
							325	0.8	HIGH	87%	5.3
575-3-60	518	633	6.0	41	4.8	33	325	0.6	STD	72%	1.6
							325	0.6	MED	78%	2.0
							325	0.6	HIGH	77%	2.8

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 10 (cont.) - 558J 09

2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

8.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	0.84	5.8
							325	1.5	MED	0.77	7.1
							325	1.5	HIGH	0.82	10.8
230-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	0.84	5.6
							325	1.5	MED	0.77	6.8
							325	1.5	HIGH	0.82	9.8
460-3-60	414	506	6.3	55	6.2	41	325	0.8	STD	0.79	2.9
							325	0.8	MED	0.77	3.8
							325	0.8	HIGH	0.82	4.9
575-3-60	518	633	6.0	41	4.8	33	325	0.6	STD	0.81	2.8
							325	0.6	MED	0.80	3.5
							325	0.6	HIGH	0.84	4.5

Table 10 (cont.) - 558J 12

1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

10 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	30.1	225	325	1.5	STD	87%	6.9
					325	1.5	MED	87%	10.6
					325	1.5	HIGH	83%	13.6
230-3-60	187	253	30.1	225	325	1.5	STD	87%	6.7
					325	1.5	MED	87%	10.6
					325	1.5	HIGH	83%	12.7
460-3-60	414	506	16.7	114	325	0.8	STD	87%	3.4
					325	0.8	MED	87%	5.3
					325	0.8	HIGH	83%	6.4
575-3-60	518	633	12.2	80	325	0.6	STD	78%	2.0
					325	0.6	MED	77%	2.8
					325	0.6	HIGH	81%	5.6

Table 10 (cont.) - 558J 12

2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

10 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	87%	6.9
							325	1.5	MED	87%	10.6
							325	1.5	HIGH	83%	13.6
230-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	87%	6.7
							325	1.5	MED	87%	10.6
							325	1.5	HIGH	83%	12.7
460-3-60	414	506	7.7	52	7.7	52	325	0.8	STD	87%	3.4
							325	0.8	MED	87%	5.3
							325	0.8	HIGH	83%	6.4
575-3-60	518	633	5.8	39	5.7	39	325	0.6	STD	78%	2.0
							325	0.6	MED	77%	2.8
							325	0.6	HIGH	81%	5.6

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 10 (cont.) - 558J 12 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR 10 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	0.77	7.1
							325	1.5	MED	0.82	10.8
							325	1.5	HIGH	0.84	13.6
230-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	0.77	6.8
							325	1.5	MED	0.82	9.8
							325	1.5	HIGH	0.84	12.7
460-3-60	414	506	7.7	52	7.7	52	325	0.8	STD	0.77	3.8
							325	0.8	MED	0.82	4.9
							325	0.8	HIGH	0.84	6.4
575-3-60	518	633	5.8	39	5.7	39	325	0.6	STD	0.80	3.5
							325	0.6	MED	0.84	4.5
							325	0.6	HIGH	0.83	6.2

Table 10 (cont.) - 558J 14 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 12.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	19.0	123	22.4	149	1070	6.2	STD	89%	8.4
							1070	6.2	MED	87%	10.6
							1070	6.2	HIGH	83%	13.6
230-3-60	187	253	19.0	123	22.4	149	1070	6.2	STD	89%	8.3
							1070	6.2	MED	87%	10.6
							1070	6.2	HIGH	83%	12.7
460-3-60	414	506	9.7	62	10.6	75	1070	3.1	STD	89%	4.2
							1070	3.1	MED	87%	5.3
							1070	3.1	HIGH	83%	6.4
575-3-60	518	633	7.4	50	7.7	54	1070	2.5	STD	77%	2.8
							1070	2.5	MED	77%	2.8
							1070	2.5	HIGH	81%	5.6

Table 10 (cont.) - 558J 14 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR 12.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	19.0	123	22.4	149	1070	6.2	STD	0.85	8.6
							1070	6.2	MED	0.82	10.8
							1070	6.2	HIGH	0.84	13.6
230-3-60	187	253	19.0	123	22.4	149	1070	6.2	STD	0.85	7.8
							1070	6.2	MED	0.82	9.8
							1070	6.2	HIGH	0.84	12.7
460-3-60	414	506	9.7	62	10.6	75	1070	3.1	STD	0.85	3.8
							1070	3.1	MED	0.82	4.9
							1070	3.1	HIGH	0.84	6.4
575-3-60	518	633	7.4	50	7.7	54	1070	2.5	STD	0.84	4.5
							1070	2.5	MED	0.84	4.5
							1070	2.5	HIGH	0.83	6.2

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 10 (cont.) - 558J 16 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 15 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	25.0	164	25.0	164	280	1.5	STD	89%	8.4
							280	1.5	MED	87%	10.6
							280	1.5	HIGH	90%	20.4
230-3-60	187	253	25.0	164	25.0	164	280	1.5	STD	89%	8.3
							280	1.5	MED	87%	10.6
							280	1.5	HIGH	90%	20.4
460-3-60	414	506	12.2	100	12.8	100	280	0.8	STD	89%	4.2
							280	0.8	MED	87%	5.3
							280	0.8	HIGH	90%	10.2
575-3-60	518	633	9.8	78	9.6	78	280	0.6	STD	77%	2.8
							280	0.6	MED	77%	2.8
							280	0.6	HIGH	94%	9.0

Table 10 (cont.) - 558J 16 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR 15 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	25.0	164	25.0	164	280	1.5	STD	0.85	8.6
							280	1.5	MED	0.82	10.8
							280	1.5	HIGH	0.90	20.4
230-3-60	187	253	25.0	164	25.0	164	280	1.5	STD	0.85	7.8
							280	1.5	MED	0.82	9.8
							280	1.5	HIGH	0.90	20.4
460-3-60	414	506	12.2	100	12.8	100	280	0.8	STD	0.85	3.8
							280	0.8	MED	0.82	4.9
							280	0.8	HIGH	0.90	10.2
575-3-60	518	633	9.8	78	9.6	78	280	0.6	STD	0.84	4.5
							280	0.6	MED	0.84	4.5
							280	0.6	HIGH	0.94	9

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 – 558J*04

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V–PH–Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230–1–60	STD	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	040	040	040	040
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
	MED	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	040	040	040	040
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
208/ 230–3–60	STD	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	–	–	–	–
		104B00	10.5	7.9/9.6	–	–	–	–
		105A00	16.0	12.0/14.7	037	037	038	038
	MED	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	–	–	–	–
		104B00	10.5	7.9/9.6	–	–	–	–
		105A00	16.0	12.0/14.7	037	037	038	038
	HIGH	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	–	–	–	–
		104B00	10.5	7.9/9.6	–	–	–	–
		105A00	16.0	12.0/14.7	037	037	038	038
460–3–60	STD	106A00	6.0	5.5	–	–	–	–
		107A00	8.8	8.1	–	–	–	–
		108A00	11.5	10.6	–	–	–	–
		109A00	14.0	12.9	–	–	–	–
	MED	106A00	6.0	5.5	–	–	–	–
		107A00	8.8	8.1	–	–	–	–
		108A00	11.5	10.6	–	–	–	–
		109A00	14.0	12.9	–	–	–	–
	HIGH	106A00	6.0	5.5	–	–	–	–
		107A00	8.8	8.1	–	–	–	–
		108A00	11.5	10.6	–	–	–	–
		109A00	14.0	12.9	–	–	–	–

LEGEND

APP PWR	– 208 / 230V / 460V / 575V
C.O.	– Convenience outlet
FLA	– Full load amps
IFM	– Indoor fan motor
NOM PWR	– 240V / 480V / 600V
P.E.	– Power exhaust
PWRD	– Powered convenience outlet
UNPWRD	– Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 04

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-1-60	STD	101A00	4.4	3.3/4.0	037	037	037	037
		102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	040	040	040	040
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
	MED	101A00	4.4	3.3/4.0	037	037	037	037
		102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	040	040	040	040
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
208/ 230-3-60	STD	101A00	4.4	3.3/4.0	037	037	037	037
		102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
	MED	101A00	4.4	3.3/4.0	037	037	037	037
		102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
	HIGH	101A00	4.4	3.3/4.0	037	037	037	037
		102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		107A00	8.8	8.1	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
	MED	106A00	6.0	5.5	-	-	-	-
		107A00	8.8	8.1	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
	HIGH	106A00	6.0	5.5	-	-	-	-
		107A00	8.8	8.1	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 05

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-1-60	STD	101A00	4.4	3.3/4.0	-	-	-	-
		103B00	8.7	6.5/8.0	037	037	037	037
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
	MED	101A00	4.4	3.3/4.0	-	-	-	-
		103B00	8.7	6.5/8.0	037	037	037	037
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	-	-	-	-
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
	MED	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	-	-	-	-
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
	HIGH	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	-	-	-	-
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 05

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-1-60	STD	101A00	4.4	3.3/4.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
	MED	101A00	4.4	3.3/4.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
	MED	102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
	HIGH	102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 06

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-1-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	037	037	037	037
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
	MED	102A00	6.5	4.9/6.0	-	-	-	037
		103B00	8.7	6.5/8.0	037	037	040	040
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	MED	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	HIGH	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	037
		105A00	16.0	12.0/14.7	037	038	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 06

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-1-60	STD	102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	037	037
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
	MED	102A00	6.5	4.9/6.0	037	037	037	037
		103B00	8.7	6.5/8.0	037	037	040	040
		102A00,102A00	13.0	9.8/11.9	040	040	040	040
		103B00,103B00	17.4	13.1/16.0	040	040	040	040
		104B00,104B00	21.0	15.8/19.3	040	040	040	040
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	MED	102A00	6.5	4.9/6.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	HIGH	102A00	6.5	4.9/6.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	038	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 07

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	MED	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	037
		105A00	16.0	12.0/14.7	037	038	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	HIGH	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	037	037
		105A00	16.0	12.0/14.7	038	038	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 07

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	037	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	MED	102A00	6.5	4.9/6.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	037	038	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
	HIGH	102A00	6.5	4.9/6.0	037	037	037	037
		104B00	10.5	7.9/9.6	037	037	037	037
		105A00	16.0	12.0/14.7	038	038	038	038
		104B00,104B00	21.0	15.8/19.3	038	038	038	038
		104B00,105A00	26.5	19.9/24.3	038	038	038	038
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037	037	037	037
		108A00,109A00	25.5	23.4	037	037	037	037

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 08

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	042	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	MED	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	HIGH	117A00	10.4	7.8/9.6	042	042	042	043
		110A00	16.0	12.0/14.7	043	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
460-3-60	STD	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	MED	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	HIGH	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	044	044
		114A00,116A00	41.7	38.3	044	044	044	044
575-3-60	STD	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	MED	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	HIGH	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	044	044	044

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 08

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	042	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	MED	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	HIGH	117A00	10.4	7.8/9.6	042	042	042	043
		110A00	16.0	12.0/14.7	043	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
460-3-60	STD	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	MED	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	HIGH	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	044	044
		114A00,116A00	41.7	38.3	044	044	044	044
575-3-60	STD	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	MED	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	HIGH	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	044	044	044

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 08

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	042	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	MED	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	HIGH	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	043	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
460-3-60	STD	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	MED	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	HIGH	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	044	044
		114A00,116A00	41.7	38.3	044	044	044	044
575-3-60	STD	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	MED	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	HIGH	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	044	044	044

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 08

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	042	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	MED	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	HIGH	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	043	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
460-3-60	STD	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	MED	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	HIGH	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	044	044
		114A00,116A00	41.7	38.3	044	044	044	044
575-3-60	STD	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	MED	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	HIGH	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	044	044	044

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 08

2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	042	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	MED	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	042	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
	HIGH	117A00	10.4	7.8/9.6	042	042	042	042
		110A00	16.0	12.0/14.7	043	043	043	043
		111A00	24.8	18.6/22.8	043	043	043	043
		112A00	32.0	24.0/29.4	043	043	043	043
		112A00,117A00	42.4	31.8/38.9	045	045	045	045
460-3-60	STD	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	MED	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	042	042
		114A00,116A00	41.7	38.3	044	044	044	044
	HIGH	116A00	13.9	12.8	042	042	042	042
		113A00	16.5	15.2	042	042	042	042
		114A00	27.8	25.5	042	042	042	042
		115A00	33.0	30.3	042	042	044	044
		114A00,116A00	41.7	38.3	044	044	044	044
575-3-60	STD	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	042	042	044
	MED	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	044	042	044
	HIGH	118A00	17.0	17.0	042	042	042	042
		119A00	34.0	34.0	042	044	044	044

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 09

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 203-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	047	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 09

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 203-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	047	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 09

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 203-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	049	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 09

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 203-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	049	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 09

2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 203-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	049	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	047	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	047	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 12

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	047	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 12

1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	047	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 12

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 12

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 12

2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 14

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 14

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/PE. (pwr fr/unit)	NO P.E.	w/PE. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	—	—	—	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	— 208 / 230V / 460V / 575V
C.O.	— Convenience outlet
FLA	— Full load amps
IFM	— Indoor fan motor
NOM PWR	— 240V / 480V / 600V
P.E.	— Power exhaust
PWRD	— Powered convenience outlet
UNPWRD	— Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 14

2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/PE. (pwr fr/unit)	NO P.E.	w/PE. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	049	049	049	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	—	—	—	049
		110A00	16.0	12.0/14.7	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
		112A00,110A00	50.0	37.6/45.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		115A00	33.0	30.3	047	047	050	050
		114A00,116A00	41.7	38.3	050	050	050	050
		115A00,113A00	50.0	45.9	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	047	050
		118A00,119A00	51.0	51.0	050	050	050	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	050	050	050
		118A00,119A00	51.0	51.0	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 16

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
	MED	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
	HIGH	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
460-3-60	STD	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047	047	047	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
	MED	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047	047	047	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
	HIGH	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	050	050	050	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
575-3-60	STD	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	047	050	047	050
		293A00,296A00	50.0	45.9	047	047	047	047
		296A00,296A00	67.0	61.5	050	050	050	050
	MED	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	047	050	047	050
		293A00,296A00	50.0	45.9	047	047	047	047
		296A00,296A00	67.0	61.5	050	050	050	050
	HIGH	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	050	050	050	050
		293A00,296A00	50.0	45.9	050	050	050	050
		296A00,296A00	67.0	61.5	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 16

2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR WITH FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
	MED	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
	HIGH	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
460-3-60	STD	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047	047	047	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
	MED	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047	047	047	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
	HIGH	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	050	050	050	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
575-3-60	STD	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	047	050	047	050
		293A00,296A00	50.0	45.9	047	047	047	047
		296A00,296A00	67.0	61.5	050	050	050	050
	MED	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	047	050	047	050
		293A00,296A00	50.0	45.9	047	047	047	047
		296A00,296A00	67.0	61.5	050	050	050	050
	HIGH	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	050	050	050	050
		293A00,296A00	50.0	45.9	050	050	050	050
		296A00,296A00	67.0	61.5	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRIC HEAT - ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012)

Table 11 (cont.) - 558J 16

2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR WITHOUT FACTORY INSTALLED NON-FUSED DISCONNECT

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/PE. (pwrdr fr/unit)	NO P.E.	w/PE. (pwrdr fr/unit)
208/ 230-3-60	STD	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
	MED	291A00	16.5	12.4/15.2	049	049	049	049
		294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
	HIGH	294A00	33.5	25.2/30.8	049	049	049	049
		288A00,294A00	43.5	32.7/40.0	051	051	051	051
		291A00,294A00	50.0	37.6/45.9	051	051	051	051
		294A00,294A00	67.0	50.3/61.5	053	053	053	053
460-3-60	STD	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047	047	047	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
	MED	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047	047	047	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
		295A00,295A00	67.0	61.5	050	050	050	050
	HIGH	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	050	050	050	050
		289A00,295A00	43.5	40.0	050	050	050	050
		292A00,295A00	50.0	45.9	050	050	050	050
575-3-60	STD	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	047	050	047	050
		293A00,296A00	50.0	45.9	047	047	047	050
		296A00,296A00	67.0	61.5	050	050	050	050
	MED	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	047	050	047	050
		293A00,296A00	50.0	45.9	047	047	047	050
		296A00,296A00	67.0	61.5	050	050	050	050
	HIGH	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047	047	047	047
		290A00,296A00	43.5	40.0	050	050	050	050
		293A00,296A00	50.0	45.9	050	050	050	050
		296A00,296A00	67.0	61.5	050	050	050	050

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 – UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO RE.			MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		w/ PWRD C.O.
					FLA	DISC. SIZE	LRA			FLA	LRA			FLA	LRA	
558J*04 (1 – stage cooling)	NO M. V – Ph – HZ	NONE	–	–	28	40	26	95	30	29	97	32	45	32	100	34
		101A	3.3/4.4	15.9/18.3	28/29	40/40	26/27	95/95	30/32	29/29	97/97	32/35	45/45	32/32	100/100	35/38
		102A	4.9/6.5	23.5/27.1	36/40	40/45	33/37	95/95	38/43	35/39	97/97	42/46	45/50	38/42	100/100	44/49
		103B	6.5/8.7	31.4/36.3	48/52	50/60	42/47	95/95	48/54	44/50	97/97	52/58	60/60	47/53	100/100	54/60
		104B	7.9/10.5	37.9/43.8	54/61	60/70	49/56	95/95	56/64	51/58	97/97	60/67	60/70	55/62	100/100	62/70
	208/230 – 1 – 60	102A + 102A	9.8/13.0	46.9/54.2	65/74	70/80	60/68	95/95	68/77	62/70	97/97	71/80	80/80	65/73	100/100	74/83
		NONE	–	–	28	40	26	95	30	29	97	32	45	32	100	34
		101A	3.3/4.4	15.9/18.3	28/29	40/40	26/27	95/95	30/32	29/29	97/97	32/35	45/45	32/32	100/100	35/38
		102A	4.9/6.5	23.5/27.1	36/40	40/45	33/37	95/95	38/43	35/39	97/97	42/46	45/50	38/42	100/100	44/49
		103B	6.5/8.7	31.4/36.3	48/52	50/60	42/47	95/95	48/54	44/50	97/97	52/58	60/60	47/53	100/100	54/60
	208/230 – 3 – 60	104B	7.9/10.5	37.9/43.8	54/61	60/70	49/56	95/95	56/64	51/58	97/97	60/67	60/70	55/62	100/100	62/70
		102A + 102A	9.8/13.0	46.9/54.2	65/74	70/80	60/68	95/95	68/77	62/70	97/97	71/80	80/80	65/73	100/100	74/83
		NONE	–	–	20	30	20	96	22	22	98	25	30	25	101	27
		101A	3.3/4.4	9.2/10.6	20/20	30/30	20/20	96/96	22/23	22/22	98/98	25/26	30/30	25/25	101/101	27/29
		102A	4.9/6.5	13.6/15.6	24/26	30/30	22/24	96/96	26/29	24/26	98/98	30/32	30/35	27/29	101/101	32/35
	208/230 – 3 – 60	103B	6.5/8.7	18.1/20.9	30/33	30/35	27/30	96/96	32/35	29/32	98/98	36/39	40/40	32/36	101/101	38/41
		104B	7.9/10.5	21.9/25.3	34/39	35/40	31/35	96/96	37/41	33/37	98/98	40/45	40/45	37/41	101/101	43/47
		105A	12.0/16.0	33.4/38.5	49/55	50/60	44/50	96/96	51/57	47/52	98/98	55/61	60/70	50/56	101/101	57/63
		NONE	–	–	20	30	20	96	22	22	98	25	30	25	101	27
		101A	3.3/4.4	9.2/10.6	20/20	30/30	20/20	96/96	22/23	22/22	98/98	25/26	30/30	25/25	101/101	27/29
	208/230 – 3 – 60	102A	4.9/6.5	13.6/15.6	24/26	30/30	22/24	96/96	26/29	24/26	98/98	30/32	30/35	27/29	101/101	32/35
		103B	6.5/8.7	18.1/20.9	30/33	30/35	27/30	96/96	32/35	29/32	98/98	36/39	40/40	32/36	101/101	38/41
		104B	7.9/10.5	21.9/25.3	34/39	35/40	31/35	96/96	37/41	33/37	98/98	40/45	40/45	37/41	101/101	43/47
		105A	12.0/16.0	33.4/38.5	49/55	50/60	44/50	96/96	51/57	47/52	98/98	55/61	60/70	50/56	101/101	57/63
		NONE	–	–	22/22	30/30	22/21	134	24/24	24/24	136	27/26	30/30	27/27	139	29/28
	HIGH	101A	3.3/4.4	9.2/10.6	22/22	30/30	22/21	134/134	24/24	24/24	136/136	27/28	30/30	27/27	139/139	29/30
		102A	4.9/6.5	13.6/15.6	26/28	30/30	24/26	134/134	28/31	26/28	136/136	32/34	35/35	29/31	139/139	34/37
		103B	6.5/8.7	18.1/20.9	32/35	35/35	29/32	134/134	34/37	31/34	136/136	38/41	40/45	34/37	139/139	40/43
		104B	7.9/10.5	21.9/25.3	36/40	40/40	33/37	134/134	39/43	35/39	136/136	42/46	45/50	39/42	139/139	45/49
		105A	12.0/16.0	33.4/38.5	51/57	60/60	46/52	134/134	53/59	49/54	136/136	57/63	60/70	52/58	139/139	59/65

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
		CRHEATER***A00	Nom (kW)	FLA	NO PE.					w/ P.E. (pwrdr fr/unit)					NO PE.					w/ P.E. (pwrdr fr/unit)				
					MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	
558J*04 (1-stage cooling)	460-3-60	STD	NONE	-	-	11	15	11	49	12	15	12	50	13	15	13	51	14	20	14	52			
			106A	6.0	7.2	13	15	11	49	14	15	12	50	15	15	14	51	17	20	15	52			
			107A	8.8	10.6	17	20	15	49	18	20	16	50	20	20	18	51	21	25	19	52			
			108A	11.5	13.8	21	25	19	49	22	25	20	50	24	25	21	51	25	25	23	52			
			109A	14.0	16.8	25	25	22	49	26	30	23	50	27	30	25	51	29	30	26	52			
558J*04 (1-stage cooling)	460-3-60	MED	NONE	-	-	11	15	11	49	12	15	12	50	13	15	13	51	14	20	14	52			
			106A	6.0	7.2	13	15	11	49	14	15	12	50	15	15	14	51	17	20	15	52			
			107A	8.8	10.6	17	20	15	49	18	20	16	50	20	20	18	51	21	25	19	52			
			108A	11.5	13.8	21	25	19	49	22	25	20	50	24	25	21	51	25	25	23	52			
			109A	14.0	16.8	25	25	22	49	26	30	23	50	27	30	25	51	29	30	26	52			
558J*04 (1-stage cooling)	460-3-60	HIGH	NONE	-	-	12	15	12	68	13	15	13	69	14	20	14	70	15	20	15	71			
			106A	6.0	7.2	14	15	12	68	15	15	13	69	16	20	15	70	18	20	16	71			
			107A	8.8	10.6	18	20	16	68	19	20	17	69	21	25	19	70	22	25	20	71			
			108A	11.5	13.8	22	25	20	68	23	25	21	69	25	25	22	70	26	30	23	71			
			109A	14.0	16.8	26	30	23	68	27	30	24	69	28	30	26	70	30	30	27	71			
575-3-60	575-3-60	STD	-	-	8	15	8	46	10	15	10	48	10	15	10	48	12	15	12	50				
		MED	-	-	8	15	8	46	10	15	10	48	10	15	10	48	12	15	12	50				
		HIGH	-	-	8	15	7	50	10	15	10	52	10	15	9	52	11	15	12	54				

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR		NO C.O. or UNPWR C.O.										w/ PWRD C.O.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		IFM TYPE	CRHEATER***A00	Nom (kW)	FLA	NO P.E.				w/ P.E. (pwrdr fr/unit)				NO P.E.				w/ P.E. (pwrdr fr/unit)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
						MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.				
		CRHEATER***A00	Nom (kW)	FLA	NO PE.					w/ PE. (pwrdr fr/unit)					NO PE.				
					MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA
558J*05 (1-stage cooling)	STD	NONE	-	-	12	15	11	52	52	13	15	12	53	53	14	15	14	54	55
		106A	6.0	7.2	13	15	11	52	52	14	15	12	53	53	15	15	14	54	55
		108A	11.5	13.8	21	25	19	52	52	22	25	20	53	53	24	25	21	54	55
		109A	14.0	16.8	25	25	22	52	52	26	30	23	53	53	27	30	25	54	55
	MED	108A+108A	23.0	27.7	38	40	35	52	52	40	40	36	53	53	41	45	37	54	55
		NONE	-	-	12	15	11	52	52	13	15	12	53	53	14	15	14	54	55
		106A	6.0	7.2	13	15	11	52	52	14	15	12	53	53	15	15	14	54	55
		108A	11.5	13.8	21	25	19	52	52	22	25	20	53	53	24	25	21	54	55
	HIGH	109A	14.0	16.8	25	25	22	52	52	26	30	23	53	53	27	30	25	54	55
		108A+108A	23.0	27.7	38	40	35	52	52	40	40	36	53	53	41	45	37	54	55
		NONE	-	-	12	15	12	71	71	13	15	13	72	72	15	20	14	73	74
		106A	6.0	7.2	14	15	12	71	71	15	15	13	72	72	16	20	15	73	74
575-3-60	STD	NONE	-	-	9	15	9	42	42	11	15	11	44	44	11	15	11	44	46
	MED	NONE	-	-	9	15	9	42	42	11	15	11	44	44	11	15	11	44	46
	HIGH	NONE	-	-	9	15	9	46	46	11	15	11	48	48	11	15	10	48	50

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-Ph-HZ	ELEC. HTR		NO C.O. or UNPWR C.O.						w/ PWRD C.O.											
				NO PE.				w/ PE. (pwrdr fr/unit)		NO PE.				w/ PE. (pwrdr fr/unit)							
				MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE							
IFM TYPE		Nom (kW)	FLA				FLA	LRA					FLA	LRA			FLA	LRA			
STD		NONE	-			40	60	37	150	42	60	40	152	44	60	43	155	46	60	45	157
		102A	4.9/6.5	23.5/27.1	40/40	60/60	37/37	150/150	42/43	60/60	40/40	152/152	44/46	60/60	43/43	155/155	46/49	60/60	45/45	157/157	
		103B	6.5/8.7	31.4/36.3	46/52	60/60	42/47	150/150	48/54	60/60	44/50	152/152	52/58	60/60	47/53	155/155	54/60	60/60	49/55	157/157	
		102A + 102A	9.8/13.0	46.9/54.2	65/74	70/80	60/68	150/150	68/77	70/80	62/70	152/152	71/80	80/80	65/73	155/155	74/83	80/90	67/76	157/157	
		103B + 103B	13.1/17.4	62.8/72.5	85/97	90/100	78/89	150/150	87/100	90/100	80/91	152/152	91/103	100/110	83/95	155/155	93/106	100/110	86/97	157/157	
		104B + 104B	15.8/21.0	75.8/87.5	101/116	110/125	93/106	150/150	104/118	110/125	95/108	152/152	107/122	110/125	98/112	155/155	110/124	110/125	101/114	157/157	
MED		NONE	-			42	60	40	175	44	60	42	177	47	60	45	180	48	60	48	182
		102A	4.9/6.5	23.5/27.1	42/43	60/60	40/40	175/175	44/45	60/60	42/42	177/177	47/49	60/60	45/45	180/180	48/51	60/60	48/48	182/182	
		103B	6.5/8.7	31.4/36.3	48/55	60/60	44/50	175/175	51/57	60/60	46/52	177/177	54/61	60/70	50/55	180/180	57/63	60/70	52/58	182/182	
		102A + 102A	9.8/13.0	46.9/54.2	68/77	70/80	62/70	175/175	70/79	70/80	64/73	177/177	74/83	80/90	68/76	180/180	76/85	80/90	70/78	182/182	
		103B + 103B	13.1/17.4	62.8/72.5	88/100	90/100	80/91	175/175	90/102	90/110	82/94	177/177	94/106	100/110	86/97	180/180	96/108	100/110	88/99	182/182	
		104B + 104B	15.8/21.0	75.8/87.5	104/119	110/125	95/109	175/175	106/121	110/125	97/111	177/177	110/125	110/125	101/114	180/180	112/127	125/150	103/116	182/182	
558J*06 (1-stage cooling)		NONE	-			27	40	26	133	29	40	28	135	31	45	31	138	33	45	33	140
		102A	4.9/6.5	13.6/15.6	27/27	40/40	26/26	133/133	29/29	40/40	28/28	135/135	31/32	45/45	31/31	138/138	33/35	45/45	33/33	140/140	
		104B	7.9/10.5	21.9/25.3	34/39	40/40	31/35	133/133	37/41	40/45	33/37	135/135	40/45	45/45	37/41	138/138	43/47	45/50	39/43	140/140	
		105A	12.0/16.0	33.4/38.5	49/55	50/60	44/50	133/133	51/57	60/60	47/52	135/135	55/61	60/70	50/56	138/138	57/63	60/70	52/58	140/140	
		104B + 104B	15.8/21.0	43.8/50.5	62/70	70/70	56/64	133/133	64/72	70/80	59/66	135/135	68/76	70/80	62/70	138/138	70/78	70/80	64/72	140/140	
		104B + 105A	19.9/26.5	55.2/63.8	76/87	80/90	69/79	133/133	78/89	80/90	72/82	135/135	82/93	90/100	75/85	138/138	84/95	90/100	77/87	140/140	
MED		NONE	-			28/28	40/40	28/27	171	30/30	45/45	30/30	173	33/33	45/45	33/33	176	35/35	50/50	35/35	178
		102A	4.9/6.5	13.6/15.6	28/28	40/40	28/27	171/171	30/31	45/45	30/30	173/173	33/34	45/45	33/33	176/176	35/37	50/50	35/35	178/178	
		104B	7.9/10.5	21.9/25.3	36/40	40/40	33/37	171/171	39/43	45/45	35/39	173/173	42/46	45/50	39/42	176/176	45/49	50/50	41/45	178/178	
		105A	12.0/16.0	33.4/38.5	51/57	60/60	46/52	171/171	53/59	60/60	49/54	173/173	57/63	60/70	52/58	176/176	59/65	60/70	54/60	178/178	
		104B + 104B	15.8/21.0	43.8/50.5	64/72	70/80	58/66	171/171	66/74	70/80	60/68	173/173	70/78	70/80	64/71	176/176	72/80	80/80	66/73	178/178	
		104B + 105A	19.9/26.5	55.2/63.8	78/89	80/90	71/81	171/171	80/91	90/100	74/83	173/173	84/95	90/100	77/87	176/176	86/97	90/100	79/89	178/178	
HIGH		NONE	-			30/30	45/40	29/29	186	32/32	45/45	32/31	188	35/35	45/45	35/35	191	37/36	50/50	37/37	193
		102A	4.9/6.5	13.6/15.6	30/30	45/40	29/29	186/186	32/33	45/45	32/31	188/188	35/36	45/45	35/35	191/191	37/39	50/50	37/37	193/193	
		104B	7.9/10.5	21.9/25.3	38/42	45/45	35/39	186/186	41/45	45/45	37/41	188/188	44/48	45/50	40/44	191/191	47/51	50/60	43/46	193/193	
		105A	12.0/16.0	33.4/38.5	53/59	60/60	48/54	186/186	55/61	60/70	50/56	188/188	59/65	60/70	54/59	191/191	61/67	70/70	56/62	193/193	
		104B + 104B	15.8/21.0	43.8/50.5	66/74	70/80	60/68	186/186	68/76	70/80	62/70	188/188	72/80	80/80	66/73	191/191	74/82	80/90	68/75	193/193	
		104B + 105A	19.9/26.5	55.2/63.8	80/91	80/100	73/83	186/186	82/93	90/100	75/85	188/188	86/97	90/100	79/88	191/191	89/99	90/100	81/91	193/193	

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO PE.			w/ PE. (pwrdr fr/unit)			NO PE.			w/ PE. (pwrdr fr/unit)		
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA
558J*06 (1-stage cooling)	460-3-60	STD	NONE	-	13	20	13 63	14	20	14 64	16	20	15 65	17	20	16 66
			106A	6.0	13	20	13 63	14	20	14 64	16	20	15 65	17	20	16 66
			108A	11.5	21	25	19 63	22	25	20 64	24	25	21 65	25	25	23 66
			109A	14.0	25	25	22 63	26	30	23 64	27	30	25 65	29	30	26 66
			108A+108A	23.0	38	40	35 63	40	40	36 64	41	45	37 65	42	45	39 66
			108A+109A	25.5	42	45	38 63	43	45	39 64	45	45	41 65	46	50	42 66
		MED	NONE	-	14	20	14 82	15	20	15 83	16	20	16 84	17	20	17 85
			106A	6.0	14	20	14 82	15	20	15 83	16	20	16 84	18	20	17 85
			108A	11.5	22	25	20 82	23	25	21 83	25	25	22 84	26	30	23 85
			109A	14.0	26	30	23 82	27	30	24 83	28	30	26 84	30	30	27 85
			108A+108A	23.0	39	40	36 82	41	45	37 83	42	45	38 84	43	45	39 85
			108A+109A	25.5	43	45	39 82	44	45	40 83	46	50	42 84	47	50	43 85
		HIGH	NONE	-	15	20	15 90	16	20	16 91	17	20	17 92	18	25	18 93
			106A	6.0	15	20	15 90	16	20	16 91	17	20	17 92	19	25	18 93
			108A	11.5	23	25	21 90	24	25	22 91	26	30	23 92	27	30	24 93
			109A	14.0	27	30	24 90	28	30	25 91	29	30	27 92	31	35	28 93
			108A+108A	23.0	40	40	37 90	42	45	38 91	43	45	39 92	44	45	40 93
			108A+109A	25.5	44	45	40 90	45	45	41 91	47	50	43 92	48	50	44 93
575-3-60	575-3-60	STD	-	-	11	15	10 48	13	15	12 50	12	15	12 50	14	20	14 52
		MED	-	-	10	15	10 52	12	15	12 54	12	15	12 54	14	15	14 56
		HIGH	-	-	11	15	11 63	13	15	13 65	13	15	13 65	15	20	15 67

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	IFM TYPE	ELEC. HTR		NO C.O. or UNPWR C.O.								w/ PWRD C.O.									
		CRHEATER***A00	Nom (kW)	FLA	NO PE.				w/ PE. (pwrd fr/unit)				NO PE.				w/ PE. (pwrd fr/unit)				
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA		
558J*07 (1 - stage cooling)	STD	NONE	-	-	33/32	50/50	32/31	184	35/34	50/50	34/33	186	37/37	39/39	50/50	37/37	189	39/39	50/50	39/39	191
		102A	4.9/6.5	13.6/15.6	33/32	50/50	32/31	184/184	35/34	50/50	34/33	186/186	37/37	39/39	50/50	37/37	189/189	39/39	50/50	39/39	191/191
		104B	7.9/10.5	21.9/25.3	36/40	50/50	33/37	184/184	39/43	50/50	35/39	186/186	42/46	50/50	39/42	50/50	189/189	45/49	50/50	41/45	191/191
		105A	12.0/16.0	33.4/38.5	51/57	60/60	46/52	184/184	53/59	60/60	49/54	186/186	57/63	60/70	52/58	60/70	189/189	59/65	60/70	54/60	191/191
		104B+104B	15.8/21.0	43.8/50.5	64/72	70/80	58/66	184/184	66/74	70/80	60/68	186/186	70/78	70/80	64/71	80/80	66/73	72/80	80/80	66/73	191/191
	104B+105A	19.9/26.5	55.2/63.8	78/89	80/90	71/81	184/184	80/91	90/100	74/83	186/186	84/95	90/100	77/87	86/97	189/189	86/97	90/100	79/89	191/191	
	NONE	-	-	34/34	50/50	33/33	199	36/36	50/50	35/35	201	39/39	41/41	50/50	39/39	204	41/41	50/50	41/41	206	
	102A	4.9/6.5	13.6/15.6	34/34	50/50	33/33	199/199	36/36	50/50	35/35	201/201	39/39	41/41	50/50	39/39	204/204	41/41	50/50	41/41	206/206	
	104B	7.9/10.5	21.9/25.3	38/42	50/50	35/39	199/199	41/45	50/50	37/41	201/201	44/48	50/50	40/44	50/50	204/204	47/51	50/60	43/46	206/206	
	105A	12.0/16.0	33.4/38.5	53/59	60/60	48/54	199/199	55/61	60/70	50/56	201/201	59/65	60/70	54/59	60/70	204/204	61/67	70/70	56/62	206/206	
460-3-60	STD	104B+104B	15.8/21.0	43.8/50.5	66/74	70/80	60/68	199/199	68/76	70/80	62/70	201/201	72/80	80/80	68/73	204/204	74/82	80/90	68/75	206/206	206/206
		104B+105A	19.9/26.5	55.2/63.8	80/91	80/100	73/83	199/199	82/93	90/100	75/85	201/201	86/97	90/100	79/88	204/204	88/99	90/100	81/91	206/206	206/206
		NONE	-	-	36	50	36	213	38	50	38	215	41	50	41	50	41	60	43	220	220
		102A	4.9/6.5	13.6/15.6	36/36	50/50	36/36	213/213	38/38	50/50	38/38	215/215	41/41	50	41	50	41	60	43	220	220
		104B	7.9/10.5	21.9/25.3	41/45	50/50	37/41	213/213	43/48	50/50	40/43	215/215	47/51	50/60	43/47	50/60	45/49	60/60	45/49	220/220	220/220
	MED	105A	12.0/16.0	33.4/38.5	55/62	60/70	51/56	213/213	58/64	60/70	53/59	215/215	61/68	70/70	56/62	218/218	64/70	70/70	58/64	220/220	220/220
		104B+104B	15.8/21.0	43.8/50.5	68/77	70/80	63/70	213/213	71/79	80/80	65/72	215/215	74/83	80/90	68/76	218/218	77/85	80/90	70/78	220/220	220/220
		104B+105A	19.9/26.5	55.2/63.8	83/93	90/100	76/86	213/213	85/96	90/100	78/88	215/215	89/99	90/100	81/91	218/218	91/102	100/110	83/93	220/220	220/220
		NONE	-	-	17	25	16	92	18	25	17	93	19	25	19	25	20	25	20	95	95
		106A	6.0	7.2	17	25	16	92	18	25	17	93	19	25	19	25	20	25	20	95	95
575-3-60	STD	108A	11.5	13.8	22	25	20	92	23	25	21	93	25	25	25	23	26	30	23	95	95
		109A	14.0	16.8	26	30	23	92	27	30	24	93	28	30	26	30	30	27	30	95	95
		108A+108A	23.0	27.7	39	40	36	92	41	45	37	93	42	45	38	43	45	40	45	95	95
		108A+109A	25.5	30.7	43	45	39	92	44	50	40	93	46	50	42	47	50	43	45	95	95
		NONE	-	-	18	25	17	100	19	25	18	101	20	25	19	25	21	30	21	103	103
	MED	106A	6.0	7.2	18	25	17	100	19	25	18	101	20	25	19	25	21	30	21	103	103
		108A	11.5	13.8	23	25	21	100	24	25	22	101	26	30	23	26	27	30	24	103	103
		109A	14.0	16.8	27	30	24	100	28	30	25	101	29	30	27	30	31	35	28	103	103
		108A+108A	23.0	27.7	40	40	37	100	42	45	38	101	43	45	39	44	45	40	45	103	103
		108A+109A	25.5	30.7	44	45	40	100	45	50	41	101	47	50	43	48	50	44	45	103	103
HIGH	NONE	-	-	19	25	18	107	20	25	19	108	21	30	21	30	22	30	22	110	110	
	106A	6.0	7.2	19	25	18	107	20	25	19	108	21	30	21	30	22	30	22	110	110	
	108A	11.5	13.8	24	25	22	107	26	30	23	108	27	30	24	30	26	30	26	110	110	
575-3-60	HIGH	109A	14.0	16.8	28	30	25	107	29	30	27	108	31	35	28	32	35	29	35	110	110
		108A+108A	23.0	27.7	42	45	38	107	43	45	39	108	44	50	40	46	50	42	50	110	110
		108A+109A	25.5	30.7	45	50	41	107	47	50	43	108	48	50	44	49	50	45	50	110	110

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V. Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO RE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)		
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	DISC. SIZE
558J*08 (1-stage cooling)	460-3-60	NONE	-	-	40/40	60/60	38/38 208	44/43	60/60	43/42	212	212	45/44	60/60	49/48	217
		117A	7.8/10.4	21.7/25.0	40/40	60/60	38/38 208/208	44/43	60/60	43/42	212/212	212/212	45/44	60/60	49/49	217/217
		110A	12.0/16.0	33.4/38.5	49/55	60/60	44/50 208/208	53/59	60/60	49/54	212/212	212/212	55/61	60/70	59/65	217/217
		111A	18.6/24.8	51.7/59.7	72/81	80/90	65/74 208/208	76/86	80/90	70/79	212/212	212/212	78/87	80/90	82/92	217/217
		112A	24.0/32.0	66.7/77.0	90/103	90/110	83/94 208/208	95/108	100/110	87/99	212/212	212/212	96/109	100/110	101/114	217/217
		112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123 208/208	122/139	125/150	112/127	212/212	212/212	123/140	125/150	128/145	217/217
		NONE	-	-	43/43	60/60	42/42 244	47/47	60/60	46/46	248	248	48/48	60/60	52/52	253
		117A	7.8/10.4	21.7/25.0	43/43	60/60	42/42 244/244	47/47	60/60	46/46	248/248	248/248	48/48	60/60	52/53	253/253
		110A	12.0/16.0	33.4/38.5	53/59	60/60	48/54 244/244	57/64	60/70	52/58	248/248	248/248	59/65	60/70	63/70	253/253
		111A	18.6/24.8	51.7/59.7	76/85	80/90	69/78 244/244	80/90	80/90	73/83	248/248	248/248	82/91	90/100	86/96	253/253
		112A	24.0/32.0	66.7/77.0	94/107	100/110	86/98 244/244	99/112	100/125	91/102	248/248	248/248	100/113	100/125	105/118	253/253
		112A+117A	31.8/42.4	88.4/102.0	121/138	125/150	111/127 244/244	126/143	150/150	116/131	248/248	248/248	127/144	150/150	132/149	253/253
558J*08 (1-stage cooling)	460-3-60	NONE	-	-	48/47	60/60	48/47 260	52/51	60/60	52/51	264	264	53/52	60/60	57/56	269
		117A	7.8/10.4	21.7/25.0	48/48	60/60	48/47 260/260	52/51	60/60	52/51	264/264	264/264	53/54	60/60	57/58	269/269
		110A	12.0/16.0	33.4/38.5	59/64	60/70	54/59 260/260	64/69	70/70	58/63	264/264	264/264	65/70	70/70	70/75	269/269
		111A	18.6/24.8	51.7/59.7	82/91	90/100	75/83 260/260	87/96	90/100	79/88	264/264	264/264	88/97	90/100	93/102	269/269
		112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103 260/260	106/117	110/125	97/108	264/264	264/264	107/119	110/125	112/123	269/269
		112A+117A	31.8/42.4	88.4/102.0	129/144	150/150	117/132 260/260	133/149	150/150	122/136	264/264	264/264	134/150	150/150	139/155	269/269
		NONE	-	-	20	30	19 122	22	30	21	124	124	22	30	24	126
		116A	13.9	16.7	24	30	22 122	27	30	24	124	124	27	30	29	126
		113A	16.5	19.8	28	30	26 122	31	35	28	124	124	31	35	32	126
		114A	27.8	33.4	45	45	41 122	48	50	43	124	124	48	50	50	126
		115A	33.0	39.7	53	60	49 122	55	60	51	124	124	56	60	58	126
		114A+116A	41.7	50.2	66	70	61 122	69	70	63	124	124	69	70	71	126
575-3-60	460-3-60	NONE	-	-	22	30	21 140	23	30	23	142	142	24	30	26	144
		116A	13.9	16.7	27	30	24 140	29	30	26	142	142	29	30	32	144
		113A	16.5	19.8	30	30	28 140	33	35	30	142	142	33	35	35	144
		114A	27.8	33.4	47	50	43 140	50	50	45	142	142	50	50	52	144
		115A	33.0	39.7	55	60	50 140	58	60	53	142	142	58	60	60	144
		114A+116A	41.7	50.2	68	70	63 140	71	80	65	142	142	71	80	73	144
		NONE	-	-	24	30	23 148	26	30	25	150	150	26	30	28	152
		116A	13.9	16.7	29	30	27 148	32	35	29	150	150	32	35	34	152
		113A	16.5	19.8	33	35	30 148	35	35	32	150	150	36	40	38	152
		114A	27.8	33.4	50	50	46 148	52	60	48	150	150	53	60	55	152
		115A	33.0	39.7	58	60	53 148	60	60	55	150	150	61	70	63	152
		114A+116A	41.7	50.2	71	80	65 148	73	80	67	150	150	74	80	76	152
575-3-60	460-3-60	NONE	-	-	15	20	14 89	18	25	18	93	93	16	20	20	95
		118A	17.0	20.4	28	30	25 89	33	35	30	93	93	30	30	35	95
		119A	34.0	40.9	54	60	49 89	58	60	53	93	93	56	60	60	95
		NONE	-	-	16	20	15 104	20	25	19	108	108	17	25	21	110
		118A	17.0	20.4	29	30	27 104	34	35	31	108	108	32	35	36	110
		119A	34.0	40.9	55	60	50 104	60	60	55	108	108	57	60	62	110
		NONE	-	-	19	25	18 118	22	30	23	122	122	20	25	24	124
		118A	17.0	20.4	33	35	30 118	38	40	34	122	122	35	35	40	124
		119A	34.0	40.9	59	60	53 118	63	70	58	122	122	61	70	65	124

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.					
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	MCA	DISC. SIZE FLA LRA
55&J'08 (2-stage cooling)	NO M. V-PH-HZ	STD	NONE	-	39/39	50/50	41/40	210	43/43	50/50	45/45	214	44/44	50/50	46/46	215
					39/39	50/50	41/40	210/210	43/43	50/50	45/45	214/214	44/44	50/50	46/46	215/215
					49/55	50/60	44/50	210/210	53/59	60/60	49/54	214/214	55/61	60/70	50/55	215/215
					72/81	80/90	65/74	210/210	76/86	80/90	70/79	214/214	78/87	80/90	71/80	215/215
					90/103	90/110	83/94	210/210	95/108	100/110	87/99	214/214	96/109	100/110	88/100	215/215
					117/134	125/150	108/123	210/210	122/139	125/150	112/127	214/214	123/140	125/150	113/128	215/215
					42/42	50/50	44/44	246	46/46	50/50	49/49	250	47/47	60/60	50/50	251
					42/42	50/50	44/44	246/246	46/47	50/50	49/49	250/250	47/48	60/60	50/50	251/251
					53/59	60/60	48/54	246/246	57/64	60/70	52/58	250/250	59/65	60/70	54/59	251/251
					76/85	80/90	69/78	246/246	80/90	80/90	73/83	250/250	82/91	90/100	75/84	251/251
55&J'08 (2-stage cooling)	208/230-3-60	MED	NONE	-	94/107	100/110	86/98	246/246	99/112	100/125	91/102	250/250	100/113	100/125	92/104	251/251
					121/138	125/150	111/127	246/246	126/143	150/150	116/131	250/250	127/144	150/150	117/132	251/251
					48/47	60/50	50/49	262	51/51	60/60	55/54	266	52/52	60/60	56/55	267
					48/48	60/50	50/49	262/262	51/52	60/60	55/54	266/266	52/54	60/60	56/55	267/267
					59/64	60/70	54/59	262/262	64/69	70/70	58/63	266/266	65/70	70/70	60/64	267/267
					82/91	90/100	75/83	262/262	87/96	90/100	79/88	266/266	88/97	90/100	81/89	267/267
					101/113	110/125	92/103	262/262	106/117	110/125	97/108	266/266	107/119	110/125	98/109	267/267
					126/144	150/150	117/132	262/262	133/149	150/150	122/136	266/266	134/150	150/150	123/137	267/267
					18	20	19	104	20	25	21	106	20	25	21	106
					16.7	24	22	104	27	30	24	106	27	30	25	106
55&J'08 (2-stage cooling)	460-3-60	STD	NONE	-	27	30	26	104	31	35	28	106	31	35	28	106
					28	30	26	104	31	35	28	106	31	35	28	106
					45	45	41	104	48	50	43	106	48	50	44	106
					53	60	49	104	55	60	51	106	56	60	51	106
					66	70	61	104	69	70	63	106	69	70	63	106
					20	25	21	122	22	25	23	124	22	25	23	124
					16.7	24	22	122	22	25	23	124	22	25	23	124
					19.8	30	28	122	33	35	30	124	29	30	27	124
					33.4	47	43	122	50	50	45	124	50	50	46	124
					39.7	55	50	122	58	60	53	124	58	60	53	124
55&J'08 (2-stage cooling)	460-3-60	MED	NONE	-	68	70	63	122	71	80	65	124	71	80	65	124
					22	25	23	130	24	30	25	132	24	30	26	132
					13.9	30	27	130	32	35	29	132	32	35	29	132
					16.5	33	30	130	35	35	32	132	36	40	33	132
					27.8	50	46	130	52	60	48	132	53	60	48	132
					33.0	60	53	130	60	60	55	132	61	70	56	132
					39.7	58	50	130	60	60	55	132	61	70	56	132
					41.7	71	65	130	73	80	67	132	74	80	68	132
					13	15	13	77	17	20	17	81	14	15	15	79
					20.4	28	25	77	33	35	30	81	30	30	27	79
575-3-60	STD	NONE	-	-	54	60	49	77	58	60	53	81	56	60	51	79
					14	15	14	92	18	20	19	96	16	20	16	94
					29	30	27	92	34	35	31	96	32	35	29	94
					55	60	50	92	60	60	55	96	57	60	52	94
					17	20	17	106	21	25	22	110	19	20	19	108
					33	35	30	106	38	40	34	110	35	35	32	108
					59	60	53	106	63	70	58	110	61	70	55	108
					17.0	34.0	30.0	106	20.4	24.0	20.4	110	23	25	24	112
					34.0	34.0	34.0	106	40.9	40.9	40.9	110	36	40	36	112
					17.0	34.0	30.0	106	20.4	24.0	20.4	110	23	25	24	112
					34.0	34.0	34.0	106	40.9	40.9	40.9	110	36	40	36	112

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V.-Ph-HZ	ELEC. HTR			NO N.E.						NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (KW)	FLA	NO N.E.			w/ P.E. (pwrd fr/unit)			NO N.E.			w/ P.E. (pwrd fr/unit)			w/ PWRD C.O.			w/ P.E. (pwrd fr/unit)		
					MCA	MAX FUSE or BRKR	DISC. SIZE		MCA	MAX FUSE or BRKR	DISC. SIZE		MCA	MAX FUSE or BRKR	DISC. SIZE		MCA	MAX FUSE or BRKR	DISC. SIZE		FLA	LRA
							FLA	LRA			FLA	LRA			FLA	LRA			FLA	LRA		
558J*09 (1-stage cooling)	460-3-60	STD	NONE	-	117A	13.9	16.7	19.8	24	30	22	117	25	30	24	119	25	30	24	119	27	131
575-3-60	STD	NONE	-	20.4	118A	17.0	20.4	24.9	28	30	25	127	30	30	22	142	30	30	22	142	30	146
575-3-60	MED	NONE	-	20.4	118A	17.0	20.4	24.9	28	30	25	127	30	30	22	142	30	30	22	142	30	146
575-3-60	HIGH	NONE	-	20.4	118A	17.0	20.4	24.9	28	30	25	127	30	30	22	142	30	30	22	142	30	146

ELECTRICAL INFORMATION
(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.										NO PWRD C.O.																																				
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.					w/ P.E. (pwrdr fr/unit)					NO P.E.					w/ PWRD C.O.																															
					MCA	MAX FUSE or BRKR	FLA	DISC. SIZE	MCA	MAX FUSE or BRKR	FLA	DISC. SIZE	MCA	MAX FUSE or BRKR	FLA	DISC. SIZE	MCA	MAX FUSE or BRKR	FLA	DISC. SIZE	MCA	MAX FUSE or BRKR	FLA	DISC. SIZE																											
558J*09 (2-stage cooling)	STD	NONE	-	-	40/40	50/50	42/42	225	44/44	50/50	46/46	229	45/45	50/50	47/47	230	49/49	60/60	52/51	234	MED	NONE	-	-	40/40	50/50	42/42	225	44/44	50/50	46/46	229	45/45	50/50	47/47	230	49/49	60/60	52/51	234											
		117A	7.8/10.4	21.7/25.0	40/40	50/50	42/42	225/225	44/44	50/50	46/46	229/229	229/229	45/45	50/50	47/47	230/230	49/49	60/60	52/51		234/234	117A	7.8/10.4	21.7/25.0	40/40	50/50	42/42	225/225	44/44	50/50	46/46	229/229	229/229	45/45	50/50	47/47	230/230	49/49	60/60	52/51	234/234									
		110A	12.0/16.0	33.4/38.5	49/55	50/60	44/50	225/225	53/59	60/60	49/54	229/229	229/229	55/61	60/70	50/55	230/230	59/65	60/70	54/60		234/234	110A	12.0/16.0	33.4/38.5	49/55	50/60	44/50	225/225	53/59	60/60	49/54	229/229	229/229	55/61	60/70	50/55	230/230	59/65	60/70	54/60	234/234									
		111A	18.6/24.8	51.7/59.7	72/81	80/90	65/74	225/225	76/86	80/90	70/79	229/229	229/229	78/87	80/90	71/80	230/230	82/92	90/100	75/84		234/234	111A	18.6/24.8	51.7/59.7	72/81	80/90	65/74	225/225	76/86	80/90	70/79	229/229	229/229	78/87	80/90	71/80	230/230	82/92	90/100	75/84	234/234									
		112A	24.0/32.0	66.7/77.0	90/103	90/110	83/94	225/225	95/108	100/110	87/99	229/229	229/229	96/109	100/110	88/100	230/230	101/114	110/125	93/104		234/234	112A	24.0/32.0	66.7/77.0	90/103	90/110	83/94	225/225	95/108	100/110	87/99	229/229	229/229	96/109	100/110	88/100	230/230	101/114	110/125	93/104	234/234									
		112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	225/225	122/139	125/150	112/127	229/229	229/229	123/140	125/150	113/128	230/230	128/145	150/150	118/133		234/234	112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	225/225	122/139	125/150	112/127	229/229	229/229	123/140	125/150	113/128	230/230	128/145	150/150	118/133	234/234									
	HIGH	NONE	-	-	42/42	50/50	44/44	246	46/46	60/50	48/48	250	47/47	60/60	54/53	255	MED	NONE	-	-	42/42	50/50	44/44	246	46/46	60/50	48/48	250	47/47	60/60	54/53	255	HIGH	NONE	-	-	42/42	50/50	44/44	246	46/46	60/50	48/48	250	47/47	60/60	54/53	255			
		117A	7.8/10.4	21.7/25.0	42/42	50/50	44/44	246/246	46/46	60/50	48/48	250/250	250/250	47/47	60/60	54/53		255/255	117A	7.8/10.4	21.7/25.0	42/42	50/50	44/44	246/246	46/46	60/50	48/48	250/250	250/250	47/47	60/60		54/53	255/255	117A	7.8/10.4	21.7/25.0	42/42	50/50	44/44	246/246	46/46	60/50	48/48	250/250	250/250	47/47	60/60	54/53	255/255
		110A	12.0/16.0	33.4/38.5	51/57	246/246	51/57	246/246	51/56	60/70	51/56	250/250	250/250	57/63	70/70	56/62		255/255	110A	12.0/16.0	33.4/38.5	51/57	246/246	51/57	246/246	51/56	60/70	51/56	250/250	250/250	57/63	70/70		56/62	255/255	110A	12.0/16.0	33.4/38.5	51/57	246/246	51/57	246/246	51/56	60/70	51/56	250/250	250/250	57/63	70/70	56/62	255/255
		111A	18.6/24.8	51.7/59.7	74/83	80/90	67/76	246/246	78/88	80/90	72/81	250/250	250/250	80/89	90/100	77/86		255/255	111A	18.6/24.8	51.7/59.7	74/83	80/90	67/76	246/246	78/88	80/90	72/81	250/250	250/250	80/89	90/100		77/86	255/255	111A	18.6/24.8	51.7/59.7	74/83	80/90	67/76	246/246	78/88	80/90	72/81	250/250	250/250	80/89	90/100	77/86	255/255
		112A	24.0/32.0	66.7/77.0	92/105	100/110	85/96	246/246	97/110	100/110	89/101	250/250	250/250	98/111	110/125	95/106		255/255	112A	24.0/32.0	66.7/77.0	92/105	100/110	85/96	246/246	97/110	100/110	89/101	250/250	250/250	98/111	110/125		95/106	255/255	112A	24.0/32.0	66.7/77.0	92/105	100/110	85/96	246/246	97/110	100/110	89/101	250/250	250/250	98/111	110/125	95/106	255/255
		112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	246/246	124/141	125/150	114/129	250/250	250/250	126/142	150/150	115/131		251/251	130/147	150/150	119/135	255/255	112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	246/246	124/141	125/150	114/129		250/250	250/250	126/142	150/150	115/131	251/251	130/147	150/150	119/135	255/255								
460-3-60	NONE	-	-	19	20	19	118	20	25	21	120	21	25	22	120	23	25	24	122	MED	NONE	-	-	19	20	19	118	20	25	21	120	21	25	22	120	23	25	24	122												
	116A	13.9	16.7	24	25	22	118	27	30	24	120	27	30	25	120	29	30	27	122		116A	13.9	16.7	24	25	22	118	27	30	24	120	27	30	25	120	29	30	27	122												
	113A	16.5	19.8	28	30	26	118	31	35	28	120	31	35	28	120	33	35	30	122		113A	16.5	19.8	28	30	26	118	31	35	28	120	31	35	28	120	33	35	30	122												
	114A	27.8	33.4	45	45	41	118	48	50	43	120	48	50	44	120	50	50	46	122		114A	27.8	33.4	45	45	41	118	48	50	43	120	48	50	44	120	50	50	46	122												
	115A	33.0	39.7	53	60	49	118	55	60	51	120	56	60	51	120	58	60	53	122		115A	33.0	39.7	53	60	49	118	55	60	51	120	56	60	51	120	58	60	53	122												
	114A+116A	41.7	50.2	66	70	61	118	69	70	63	120	69	70	64	120	71	80	65	122		114A+116A	41.7	50.2	66	70	61	118	69	70	63	120	69	70	64	120	71	80	65	122												
575-3-60	NONE	-	-	20	25	20	128	21	25	22	130	22	25	23	130	24	25	25	132	MED	NONE	-	-	20	25	20	128	21	25	22	130	22	25	23	130	24	25	25	132												
	116A	13.9	16.7	26	30	23	128	28	30	25	130	28	30	26	130	31	35	28	132		116A	13.9	16.7	26	30	23	128	28	30	25	130	28	30	26	130	31	35	28	132												
	113A	16.5	19.8	29	30	27	128	32	35	29	130	32	35	29	130	34	35	31	132		113A	16.5	19.8	29	30	27	128	32	35	29	130	32	35	29	130	34	35	31	132												
	114A	27.8	33.4	46	50	42	128	49	50	44	130	49	50	45	130	51	60	47	132		114A	27.8	33.4	46	50	42	128	49	50	44	130	49	50	45	130	51	60	47	132												
	115A	33.0	39.7	54	60	50	128	57	60	52	130	57	60	52	130	59	60	54	132		115A	33.0	39.7	54	60	50	128	57	60	52	130	57	60	52	130	59	60	54	132												
	114A+116A	41.7	50.2	67	70	62	128	70	70	64	130	70	70	64	130	72	80	66	132		114A+116A	41.7	50.2	67	70	62	128	70	70	64	130	70	70	64	130	72	80	66	132												
575-3-60	NONE	-	-	21	25	22	143	23	25	24	145	24	25	25	145	25	30	27	147	HIGH	NONE	-	-	21	25	22	143	23	25	24	145	24	25	25	145	25	30	27	147												
	116A	13.9	16.7	28	30	25	143	30	30	27	145	31	35	28	145	33	35	30	147		116A	13.9	16.7	28	30	25	143	30	30	27	145	31	35	28	145	33	35	30	147												
	113A	16.5	19.8	32	35	29	143	34	35	31	145	35	35	31	145	37	40	33	147		113A	16.5	19.8	32	35	29	143	34	35	31	145	35	35	31	145	37	40	33	147												
	114A	27.8	33.4	49	50	45	143	51	60	47	145	52	60	47	145	54	60	49	147		114A	27.8	33.4	49	50	45	143	51	60	47	145	52	60	47	145	54	60	49	147												
	115A	33.0	39.7	57	60	52	143	59	60	54	145	59	60	54	145	62	70	56	147		115A	33.0	39.7	57	60	52	143	59	60	54	145	59	60	54	145	62	70	56	147												
	114A+116A	41.7	50.2	70	70	64	143	72	80	66	145	73	80	66	145	75	80	68	147		114A+116A	41.7	50.2	70	70	64	143	72	80	66	145	73	80	66	145	75	80	68	147												
575-3-60	NONE	-	-	16	20	16	85	19	25	20	89	17	20	18	87	21	25	22	91	STD	NONE	-	-	16	20	16	85	19	25	20	89	17	20	18	87	21	25	22	91												
	118A	17.0	20.4	28	30	25	85	33	35	30	89	30	30	27	87	35	35	32	91		118A	17.0	20.4	28	30	25	85	33	35	30	89	30	30	27	87	35	35	32	91												
	119A	34.0	40.9	54	60	49	85	58	60	53	89	56	60	51	87	60	70	55	91		119A	34.0	40.9	54	60	49	85	58	60	53	89	56	60	51	87	60	70	55	91												
	NONE	-	-	16	20	16	89	20	25	20	93	18	20	18	91	21	25	22	95		NONE	-	-	16	20	16	89	20	25	20	93																				

ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.
Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.						NO P.E.						w/ PWRD C.O.						
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)			w/ PWRD C.O.						
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA
NO M, V-Ph-HZ	STD	NONE	-	-	48/48	60/60	46/46	290	52/52	60/60	50/50	294	53/53	60/60	52/51	295	57/56	80/80	56/56	299	80/80	56/56	299
		117A	7.8/10.4	21.7/25.0	48/48	60/60	46/46	290/290	52/52	60/60	50/50	294/294	53/53	60/60	52/51	295/295	57/56	80/80	56/56	299/299	80/80	56/56	299/299
		110A	12.0/16.0	33.4/38.5	51/57	60/60	46/52	290/290	56/62	60/80	51/56	294/294	57/63	60/80	52/58	295/295	62/68	80/80	56/62	299/299	80/80	56/62	299/299
		112A	24.0/32.0	66.7/77.0	92/105	100/110	85/96	290/290	97/110	100/110	89/101	294/294	98/111	100/125	90/102	295/295	103/116	110/125	95/106	299/299	110/125	95/106	299/299
		112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	290/290	124/141	125/150	114/129	294/294	126/142	150/150	115/131	295/295	130/147	150/150	119/135	299/299	150/150	119/135	299/299
		112A+110A	37.6/50.0	104.2/120.3	139/129	150/150	128/146	290/290	144/134	150/150	132/150	294/294	145/135	150/150	133/152	295/295	150/140	138/156	299/299	150/150	138/156	299/299	
	MED	NONE	-	-	52	60	50	319	55	80	55	323	56	80	56	324	60	80	60	328	80	60	328
		117A	7.8/10.4	21.7/25.0	52/52	60/60	50/50	319/319	55/55	80/80	55/55	323/323	56/56	80/80	56/56	324/324	60/60	80/80	60/60	328/328	80/80	60/60	328/328
		110A	12.0/16.0	33.4/38.5	55/62	60/80	51/56	319/319	60/67	80/80	55/61	323/323	61/68	80/80	56/62	324/324	66/73	80/80	60/66	328/328	80/80	60/66	328/328
		112A	24.0/32.0	66.7/77.0	97/110	100/110	89/101	319/319	102/115	110/125	93/105	323/323	103/116	110/125	94/106	324/324	108/121	110/125	99/111	328/328	110/125	99/111	328/328
		112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	319/319	129/148	150/150	118/134	323/323	130/147	150/150	119/135	324/324	135/152	150/175	124/139	328/328	150/175	124/139	328/328
		112A+110A	37.6/50.0	104.2/120.3	144/134	150/150	132/151	319/319	149/139	150/150	136/155	323/323	150/140	150/150	138/156	324/324	155/145	175/175	142/160	328/328	175/175	142/160	328/328
HIGH	NONE	-	-	55/54	80/80	54/53	321	58/58	80/80	58/57	325	59/59	80/80	59/58	326	63/62	80/80	64/63	330	80/80	64/63	330	
	117A	7.8/10.4	21.7/25.0	55/54	80/80	54/53	321/321	58/58	80/80	58/57	325/325	59/59	80/80	59/58	326/326	63/62	80/80	64/63	330/330	80/80	64/63	330/330	
	110A	12.0/16.0	33.4/38.5	59/64	80/80	54/59	321/321	64/69	80/80	58/63	325/325	65/70	80/80	60/64	326/326	70/75	80/80	64/69	330/330	80/80	64/69	330/330	
	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	321/321	106/117	110/125	97/108	325/325	107/119	110/125	98/109	326/326	112/123	125/125	102/113	330/330	125/125	102/113	330/330	
	112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	321/321	133/149	150/150	122/136	325/325	134/150	150/150	123/137	326/326	139/155	150/175	127/142	330/330	150/175	127/142	330/330	
	112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	321/321	152/141	175/175	140/157	325/325	154/143	175/175	141/158	326/326	158/147	175/175	145/163	330/330	175/175	145/163	330/330	
558J*12 (1 - stage cooling)	STD	NONE	-	-	26	40	25	146	28	40	27	148	29	40	27	148	30	45	30	150	45	30	150
		116A	13.9	16.7	26	40	25	146	28	40	27	148	29	40	27	148	31	45	30	150	45	30	150
		113A	16.5	19.8	29	40	27	146	32	40	29	148	32	40	29	148	34	45	31	150	45	31	150
		115A	33.0	39.7	54	60	50	146	57	60	52	148	57	60	52	148	59	60	54	150	60	54	150
		114A+116A	41.7	50.2	67	70	62	146	70	70	64	148	70	70	64	148	72	80	66	150	80	66	150
		115A+113A	50.0	60.1	65	70	73	146	67	70	75	148	68	70	75	148	70	80	78	150	80	78	150
	MED	NONE	-	-	28	40	27	161	30	45	29	163	30	45	30	163	32	45	32	165	45	32	165
		116A	13.9	16.7	28	40	27	161	30	45	29	163	31	45	30	163	33	45	32	165	45	32	165
		113A	16.5	19.8	32	40	29	161	34	45	31	163	35	45	31	163	37	45	33	165	45	33	165
		115A	33.0	39.7	57	60	52	161	59	60	54	163	59	60	54	163	62	70	56	165	70	56	165
		114A+116A	41.7	50.2	70	70	64	161	72	80	66	163	73	80	66	163	75	80	68	165	80	68	165
		115A+113A	50.0	60.1	67	80	75	161	69	70	77	163	70	80	77	163	72	80	80	165	80	80	165
HIGH	NONE	-	-	29	45	28	162	31	45	30	164	32	45	31	164	33	45	33	166	45	33	166	
	116A	13.9	16.7	29	45	28	162	32	45	30	164	32	45	31	164	34	45	33	166	45	33	166	
	113A	16.5	19.8	33	45	30	162	35	45	32	164	36	45	33	164	38	45	35	166	45	35	166	
	115A	33.0	39.7	58	60	53	162	60	60	55	164	61	70	56	164	63	70	58	166	70	58	166	
	114A+116A	41.7	50.2	71	80	65	162	73	80	67	164	74	80	68	164	76	80	70	166	80	70	166	
	115A+113A	50.0	60.1	69	80	76	162	71	80	79	164	71	80	79	164	74	80	81	166	80	81	166	
STD	NONE	-	-	19	30	18	95	23	30	22	99	21	30	20	97	24	30	24	101	30	24	101	
	118A	17.0	20.4	28	30	26	95	33	35	30	99	31	35	28	97	35	35	32	101	35	32	101	
	119A	34.0	40.9	54	60	49	95	59	60	54	99	56	60	51	97	61	70	56	101	70	56	101	
	118A+119A	51.0	61.3	64	70	73	95	69	80	77	99	66	70	75	97	71	80	79	101	80	79	101	
	NONE	-	-	20	30	19	106	24	30	23	110	21	30	21	108	25	30	25	112	30	25	112	
	118A	17.0	20.4	29	30	27	106	34	35	31	110	32	35	29	108	36	40	33	112	40	33	112	
MED	119A	34.0	40.9	55	60	50	106	60	60	55	110	57	60	52	108	62	70	57	112	70	57	112	
	118A+119A	51.0	61.3	65	70	74	106	70	80	78	110	67	70	76	108	72	80	80	112	80	80	112	
	NONE	-	-	23	30	22	120	26	30	26	124	24	30	24	122	28	35	28	126	35	28	126	
	118A	17.0	20.4	33	35	30	120	38	32	34	124	35	35	32	122	40	40	36	126	40	36	126	
	119A	34.0	40.9	59	60	53	120	63	70	58	124	61	70	55	122	65	70	60	126	70	60	126	
	118A+119A	51.0	61.3	69	80	77	120	74	80	81	124	71	80	79	122	76	80	83	126	80	80	126	

ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.										
		IFM TYPE	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrdr fr/unit)			NO P.E.			w/ P.E. (pwrdr fr/unit)							
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA					
558J*12 (2-stage cooling)		STD	NONE	—	—	46/46	60/60	48/47	285	50/49	60/60	52/52	289	51/50	60/60	53/53	290	54/54	60/60	58/57	294
			117A	7.8/10.4	21.7/25.0	46/46	60/60	48/47	285/285	50/49	60/60	52/52	289/289	51/50	60/60	53/53	290/290	54/54	60/60	58/57	294/294
			110A	12.0/16.0	33.4/38.5	51/57	60/60	48/52	285/285	56/62	60/70	52/56	289/289	57/63	60/70	53/58	290/290	62/68	70/70	58/62	294/294
			112A	24.0/32.0	66.7/77.0	92/105	100/110	85/96	285/285	97/110	100/110	89/101	289/289	98/111	100/125	90/102	290/290	103/116	110/125	95/106	294/294
			112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	285/285	124/141	125/150	114/129	289/289	126/142	150/150	115/131	290/290	130/147	150/150	119/135	294/294
		112A+110A	37.6/50.0	104.2/120.3	139/129	150/150	128/146	285/285	144/134	150/150	132/150	289/289	145/135	150/150	133/152	290/290	150/140	150/150	138/156	294/294	
		NONE	—	—	50	60	52	314	53	60	56	318	54	60	57	319	58	70	62	323	
		117A	7.8/10.4	21.7/25.0	50/50	60/60	52/52	314/314	53/53	60/60	56/56	318/318	54/54	60/60	57/57	319/319	58/58	70/70	62/62	323/323	
		110A	12.0/16.0	33.4/38.5	55/62	60/70	52/56	314/314	60/67	60/70	56/61	318/318	61/68	70/70	57/62	319/319	66/73	70/80	62/66	323/323	
		112A	24.0/32.0	66.7/77.0	97/110	100/110	89/101	314/314	102/115	110/125	93/105	318/318	103/116	110/125	94/106	319/319	108/121	110/125	99/111	323/323	
HIGH	112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	314/314	129/146	150/150	118/134	318/318	130/147	150/150	119/135	319/319	135/152	142/139	150/175	124/139	323/323	
	112A+110A	37.6/50.0	104.2/120.3	144/134	150/150	132/151	314/314	149/139	150/150	136/155	318/318	150/140	150/150	138/156	319/319	155/145	175/175	142/160	323/323		
	NONE	—	—	53/52	60/60	55/54	316	56/55	60/60	60/59	320	57/56	70/60	61/60	321	61/60	70/70	65/64	325		
	117A	7.8/10.4	21.7/25.0	53/52	60/60	55/54	316/316	56/55	60/60	60/59	320/320	57/56	70/60	61/60	321/321	61/60	70/70	65/64	325/325		
STD	110A	12.0/16.0	33.4/38.5	59/64	60/70	55/59	316/316	64/69	70/70	60/63	320/320	65/70	70/70	61/64	321/321	70/75	70/80	65/69	325/325		
	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	316/316	106/117	110/125	97/108	320/320	107/119	110/125	98/109	321/321	112/123	125/125	102/113	325/325		
	112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	316/316	133/149	150/150	122/136	320/320	134/150	150/150	123/137	321/321	139/155	150/175	127/142	325/325		
	112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	316/316	152/141	175/175	140/157	320/320	154/143	175/175	141/158	321/321	158/147	175/175	145/163	325/325		
	NONE	—	—	23	30	23	136	25	30	26	138	25	30	26	138	27	30	28	140		
460-3-60		STD	116A	13.9	16.7	26	30	23	136	28	30	26	138	28	30	26	138	31	35	28	140
			113A	16.5	19.8	29	30	27	136	32	35	29	138	32	35	29	138	34	35	31	140
			115A	33.0	39.7	54	60	50	136	57	60	52	138	57	60	52	138	59	60	54	140
			114A+116A	41.7	50.2	67	70	62	136	70	70	64	138	70	70	64	138	72	80	66	140
			115A+113A	50.0	60.1	65	70	73	136	67	70	75	138	68	70	76	138	70	80	78	140
MED		MED	NONE	—	—	25	30	26	151	26	30	28	153	27	30	28	153	29	35	30	155
			116A	13.9	16.7	28	30	26	151	30	30	28	153	31	35	28	153	33	35	30	155
			113A	16.5	19.8	32	35	29	151	34	35	31	153	35	35	31	153	37	40	33	155
			115A	33.0	39.7	57	60	52	151	59	60	54	153	59	60	54	153	62	70	56	155
			114A+116A	41.7	50.2	70	70	64	151	72	80	66	153	73	80	66	153	75	80	68	155
115A+113A	50.0	60.1	67	80	75	151	69	80	77	153	70	80	78	153	72	80	80	155			
HIGH		HIGH	NONE	—	—	26	30	27	152	28	30	29	154	28	30	29	154	30	35	32	156
			116A	13.9	16.7	29	30	27	152	32	35	29	154	32	35	29	154	34	35	32	156
			113A	16.5	19.8	33	35	30	152	35	35	32	154	36	40	33	154	38	40	35	156
			115A	33.0	39.7	58	60	53	152	60	60	55	154	61	70	56	154	63	70	58	156
			114A+116A	41.7	50.2	71	80	65	152	73	80	67	154	74	80	68	154	76	80	70	156
115A+113A	50.0	60.1	69	80	76	152	71	80	79	154	71	80	79	154	74	80	81	156			
STD		STD	NONE	—	—	17	20	17	93	20	25	21	97	18	20	19	95	22	25	23	99
			118A	17.0	20.4	28	30	26	93	33	35	30	97	31	35	28	95	35	35	32	99
			119A	34.0	40.9	54	60	49	93	59	60	54	97	56	60	51	95	61	70	56	99
118A+119A	51.0	61.3	64	70	73	93	69	80	77	97	66	70	75	95	71	80	79	99			
MED		MED	NONE	—	—	17	20	18	104	21	25	22	108	19	25	20	106	23	25	24	110
			119A	17.0	20.4	29	30	27	104	34	35	31	108	32	35	29	106	36	40	33	110
			119A	34.0	40.9	55	60	50	104	60	60	55	108	57	60	52	106	62	70	57	110
118A+119A	51.0	61.3	65	70	74	104	70	80	78	108	67	70	76	106	72	80	80	110			
HIGH		HIGH	NONE	—	—	20	25	21	118	24	30	25	122	22	25	23	120	26	30	27	124
			119A	17.0	20.4	33	35	30	118	38	40	34	122	35	35	32	120	40	40	36	124
			119A	34.0	40.9	59	60	53	118	63	70	58	122	61	70	55	120	65	70	60	124
118A+119A	51.0	61.3	69	80	77	118	74	80	77	122	71	80	79	120	76	80	83	124			

ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)		
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE
							FLA	LRA		FLA	LRA		FLA	LRA		FLA
208/230-3-60	STD	NONE	-	-	62/62	80/80	64/64	376	69/69	380	67/67	80/80	70/70	381	80/80	74/74
		117A	7.8/10.4	21.7/25.0	62/62	80/80	64/64	376/376	69/69	380/380	67/67	80/80	70/70	381/381	80/80	74/74
		110A	12.0/16.0	33.4/38.5	62/62	80/80	64/64	376/376	69/69	380/380	67/67	80/80	70/70	381/381	80/80	74/74
		112A	24.0/32.0	66.7/77.0	94/107	100/110	86/98	376/376	99/112	380/380	100/113	100/125	92/104	381/381	105/118	96/108
		112A+117A	31.8/42.4	88.4/102.0	121/138	125/150	111/127	376/376	126/143	380/380	127/144	150/150	117/132	381/381	132/149	110/125
	MED	112A+110A	37.6/50.0	104.2/120.3	141/131	150/150	129/148	376/376	146/136	380/380	147/137	150/150	135/153	381/381	152/142	139/158
		NONE	-	-	64	80	67	390	68	394	69	80	72	395	80	77
		117A	7.8/10.4	21.7/25.0	64/64	80/80	67/67	390/390	68/68	394/394	69/69	80/80	72/72	395/395	80/80	77/77
		110A	12.0/16.0	33.4/38.5	64/64	80/80	67/67	390/390	68/68	394/394	69/69	80/80	72/72	395/395	80/80	77/77
		112A	24.0/32.0	66.7/77.0	97/110	100/110	89/101	390/390	102/115	394/394	103/116	110/125	94/106	395/395	108/121	99/111
460-3-60	HIGH	112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	390/390	129/146	394/394	130/147	150/150	119/135	395/395	150/175	124/139
		112A+110A	37.6/50.0	104.2/120.3	144/134	150/150	132/151	390/390	149/139	394/394	150/140	150/150	138/156	395/395	175/175	142/160
		NONE	-	-	67/66	80/80	70/69	392	71/70	396	72/71	80/80	76/75	397	80/79	401
		117A	7.8/10.4	21.7/25.0	67/66	80/80	70/69	392/392	71/70	396/396	72/71	80/80	76/75	397/397	80/79	401/401
		110A	12.0/16.0	33.4/38.5	67/66	80/80	70/69	392/392	71/70	396/396	72/71	80/80	76/75	397/397	80/79	401/401
	STD	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	392/392	106/117	396/396	107/119	110/125	99/108	397/397	125/125	102/113
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	392/392	133/149	396/396	134/150	150/150	123/137	397/397	150/175	127/142
		112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	392/392	152/141	396/396	154/143	175/175	141/158	397/397	175/175	145/163
		NONE	-	-	31	40	32	189	33	191	33	40	34	191	36	193
		116A	13.9	16.7	31	40	32	189	33	191	33	40	34	191	36	193
558J*14 (2-stage cooling)	MED	113A	16.5	19.8	31	40	32	189	33	191	33	40	34	191	36	193
		115A	33.0	39.7	55	60	50	189	58	191	58	60	53	191	60	55
		114A+116A	41.7	50.2	68	70	63	189	71	191	71	80	65	191	73	80
		115A+113A	50.0	60.1	66	70	74	189	68	191	69	80	76	191	71	79
		NONE	-	-	32	40	33	196	34	198	34	40	36	198	38	200
	HIGH	116A	13.9	16.7	32	40	33	196	34	198	34	40	36	198	38	200
		113A	16.5	19.8	32	40	33	196	34	198	35	40	36	198	37	45
		115A	33.0	39.7	57	60	52	196	60	198	59	60	54	198	62	70
		114A+116A	41.7	50.2	70	70	64	196	72	198	73	80	66	198	75	80
		115A+113A	50.0	60.1	67	80	75	196	69	198	70	80	78	198	80	80
575-3-60	STD	NONE	-	-	33	40	34	197	35	199	35	45	37	199	45	39
		116A	13.9	16.7	33	40	34	197	35	199	35	45	37	199	45	39
		113A	16.5	19.8	33	40	34	197	35	199	36	45	37	199	45	39
		115A	33.0	39.7	58	60	53	197	60	199	61	70	56	199	63	70
		114A+116A	41.7	50.2	71	80	65	197	73	199	76	80	68	199	76	80
	MED	115A+113A	50.0	60.1	69	80	76	197	71	199	71	80	79	199	81	81
		NONE	-	-	23	30	23	142	27	146	24	30	25	144	30	30
		118A	17.0	20.4	29	30	27	142	34	146	32	35	29	144	36	33
		119A	34.0	40.9	55	60	50	142	60	146	57	60	52	144	62	57
		118A+119A	51.0	61.3	65	70	74	142	70	146	67	70	76	144	72	80
575-3-60	HIGH	NONE	-	-	23	30	23	142	27	146	24	30	25	144	30	30
		118A	17.0	20.4	29	30	27	142	34	146	32	35	29	144	36	33
		119A	34.0	40.9	55	60	50	142	60	146	57	60	52	144	62	57
		118A+119A	51.0	61.3	65	70	74	142	70	146	67	70	76	144	72	80
		NONE	-	-	26	30	27	156	29	160	27	30	29	158	33	33
	STD	118A	17.0	20.4	33	35	30	156	38	160	35	35	32	158	40	36
		119A	34.0	40.9	59	60	53	156	63	160	61	70	55	158	65	60
		118A+119A	51.0	61.3	69	80	77	156	74	160	71	80	79	158	80	83
		NONE	-	-	26	30	27	156	29	160	27	30	29	158	33	33
		118A	17.0	20.4	33	35	30	156	38	160	35	35	32	158	40	36

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO P.E.				w/ P.E. (pwrd fr/unit)				w/ PWRD C.O.			
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.				w/ P.E. (pwrd fr/unit)				NO P.E.			
					MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE
558J*16 (2-stage cooling)	208/230-3-60	NONE	-	-	70/70	80/80	72/72	412	73/73	80/80	77/77	416	74/74	90/90	78/78	417
		291A	12.4/16.5	34.4/39.7	70/70	80/80	72/72	412/412	73/73	80/80	77/77	416/416	74/74	90/90	78/78	417/417
		294A	25.2/33.5	69.9/80.6	98/112	100/125	90/102	412/412	103/116	110/125	94/107	416/416	104/118	110/125	96/108	417/417
		288A+294A	32.7/43.5	90.7/104.7	124/142	125/150	114/130	412/412	129/146	150/150	118/134	416/416	130/148	150/150	119/135	417/417
		291A+294A	37.6/50.0	104.3/120.3	141/131	150/150	130/148	412/412	146/136	150/150	134/152	416/416	147/137	150/150	135/153	417/417
		294A+294A	50.3/67.0	139.7/161.2	151/172	175/200	170/195	412/412	155/177	175/200	175/199	416/416	157/178	175/200	176/200	417/417
		NONE	-	-	72	80	75	426	76	100	79	430	77	100	80	431
		291A	12.4/16.5	34.4/39.7	72/72	80/80	75/75	426/426	76/76	100/100	79/79	430/430	77/77	100/100	80/80	431/431
		294A	25.2/33.5	69.9/80.6	101/114	110/125	93/105	426/426	106/119	110/125	97/109	430/430	107/120	110/125	98/110	431/431
		288A+294A	32.7/43.5	90.7/104.7	127/145	150/150	116/133	426/426	132/149	150/150	121/137	430/430	133/151	150/175	122/138	431/431
		291A+294A	37.6/50.0	104.3/120.3	144/134	150/150	132/151	426/426	149/139	150/150	137/155	430/430	150/140	150/150	138/156	431/431
		294A+294A	50.3/67.0	139.7/161.2	153/175	175/200	173/198	426/426	158/180	175/200	177/202	430/430	159/181	175/200	178/203	431/431
460-3-60	460-3-60	NONE	-	-	82	100	86	432	85	100	91	436	86	100	92	437
		291A	12.4/16.5	34.4/39.7	82/82	100/100	86/86	432/432	85/85	100/100	91/91	436/436	86/86	100/100	92/92	437/437
		294A	25.2/33.5	69.9/80.6	113/127	125/150	104/116	432/432	118/131	125/150	108/121	436/436	119/133	125/150	109/122	437/437
		288A+294A	32.7/43.5	90.7/104.7	139/157	150/175	128/144	432/432	144/162	150/175	132/148	436/436	145/163	150/175	133/149	437/437
		291A+294A	37.6/50.0	104.3/120.3	156/146	175/175	143/162	432/432	161/151	175/175	148/166	436/436	162/152	175/175	149/167	437/437
		294A+294A	50.3/67.0	139.7/161.2	166/187	175/225	184/209	432/432	170/192	175/225	188/213	436/436	172/193	200/225	190/214	437/437
		NONE	-	-	35	45	36	242	37	45	38	244	37	45	39	244
		292A	16.5	19.9	35	45	36	242	37	45	38	244	37	45	39	244
		295A	33.5	40.3	56	60	51	242	58	60	53	244	59	60	54	244
		289A+295A	43.5	52.3	71	80	65	242	73	80	67	244	74	80	68	244
		292A+295A	50.0	60.2	66	70	74	242	68	80	76	244	69	80	77	244
		295A+295A	67.0	80.6	86	100	98	242	89	100	100	244	89	100	100	244
558J*16 (2-stage cooling)	460-3-60	NONE	-	-	36	45	38	249	38	50	40	251	39	50	40	251
		292A	16.5	19.9	36	45	38	249	38	50	40	251	39	50	40	251
		295A	33.5	40.3	57	60	52	249	60	60	55	251	60	60	55	251
		289A+295A	43.5	52.3	72	80	66	249	75	80	68	251	75	80	69	251
		292A+295A	50.0	60.2	67	80	75	249	70	80	77	251	70	80	78	251
		295A+295A	67.0	80.6	88	100	99	249	90	100	101	251	90	100	101	251
		NONE	-	-	41	50	43	252	43	50	45	254	43	50	46	254
		292A	16.5	19.9	41	50	43	252	43	50	45	254	43	50	46	254
		295A	33.5	40.3	64	70	58	252	66	70	60	254	66	70	61	254
		289A+295A	43.5	52.3	79	80	72	252	81	90	74	254	81	90	74	254
		292A+295A	50.0	60.2	73	80	81	252	76	80	83	254	76	80	83	254
		295A+295A	67.0	80.6	94	100	104	252	96	100	106	254	97	100	107	254

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 12 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA (cont.)

UNIT	NO M, V-Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
		IFM TYPE	Nom (kW)	FLA	NO PE.					w/ P.E. (pwrdr fr/unit)					NO PE.					w/ P.E. (pwrdr fr/unit)				
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE		LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE		LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE		LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE		LRA
558J*16 (2-stage cooling)	STD	NONE	-	-	27	30	28	184	184	188	31	40	32	188	188	186	29	35	30	186	32	40	34	190
		293A	16.5	15.9	27	30	28	184	184	188	31	40	32	188	188	186	29	35	30	186	32	40	34	190
		296A	33.5	32.2	44	45	40	184	184	188	49	50	45	188	188	186	46	50	42	186	51	60	47	190
		290A+296A	43.5	41.8	56	60	51	184	184	188	61	70	56	188	188	186	58	60	53	186	63	70	58	190
		293A+296A	50.0	48.1	52	60	59	184	184	188	57	60	63	188	188	186	54	60	60	186	59	60	65	190
		296A+296A	67.0	64.4	68	80	77	184	184	188	73	80	82	188	188	186	70	80	79	186	75	80	84	190
575-3-60	MED	NONE	-	-	27	30	28	184	184	188	31	40	32	188	188	186	29	35	30	186	32	40	34	190
		293A	16.5	15.9	27	30	28	184	184	188	31	40	32	188	188	186	29	35	30	186	32	40	34	190
		296A	33.5	32.2	44	45	40	184	184	188	49	50	45	188	188	186	46	50	42	186	51	60	47	190
		290A+296A	43.5	41.8	56	60	51	184	184	188	61	70	56	188	188	186	58	60	53	186	63	70	58	190
		293A+296A	50.0	48.1	52	60	59	184	184	188	57	60	63	188	188	186	54	60	60	186	59	60	65	190
		296A+296A	67.0	64.4	68	80	77	184	184	188	73	80	82	188	188	186	70	80	79	186	75	80	84	190
558J*16 (2-stage cooling)	HIGH	NONE	-	-	33	40	35	196	196	200	37	45	39	200	200	198	35	40	37	198	39	45	41	202
		293A	16.5	15.9	33	40	35	196	196	200	37	45	39	200	200	198	35	40	37	198	39	45	41	202
		296A	33.5	32.2	52	60	47	196	196	200	57	60	52	200	200	198	54	60	49	198	59	60	54	202
		290A+296A	43.5	41.8	64	70	58	196	196	200	69	70	63	200	200	198	66	70	60	198	71	80	65	202
		293A+296A	50.0	48.1	60	70	66	196	196	200	65	70	70	200	200	198	62	70	68	198	67	70	72	202
		296A+296A	67.0	64.4	76	80	84	196	196	200	81	90	89	200	200	198	78	80	86	198	83	90	91	202

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 13 – UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA WITH 2 SPEED INDOOR FAN MOTOR

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO P.W.D. C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (KW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)		
					MCA	MAX FUSE or BRKR	DISC. SIZE	MCA	MAX FUSE or BRKR	MCA	MAX FUSE or BRKR	DISC. SIZE	MCA	MAX FUSE or BRKR	MCA	DISC. SIZE
							FLA	LRA				FLA	LRA			FLA
558J*08 (2-stage cooling)	460-3-60	NONE	-	-	40/40	50/50	41/41	197	44/43	50/50	46/46	201	201	45/44	48/48	60/60
		117A	7.8/10.4	21.7/25.0	40/40	50/50	41/41	197/197	44/43	50/50	46/46	201/201	201/201	45/45	48/48	60/60
		110A	12.0/16.0	33.4/38.5	49/56	60/60	45/51	197/197	54/60	60/60	49/55	201/201	201/201	55/62	60/66	90/100
		111A	18.6/24.8	51.7/59.7	72/82	80/90	66/75	197/197	77/87	80/90	70/79	201/201	201/201	78/88	83/93	110/125
		112A	24.0/32.0	66.7/77.0	91/104	100/110	83/95	197/197	96/108	100/110	88/99	201/201	201/201	97/110	102/114	150/150
		112A+117A	31.8/42.4	88.4/102.0	118/135	125/150	108/124	197/197	123/140	125/150	113/128	201/201	201/201	124/141	129/146	150/150
		NONE	-	-	43/42	50/50	45/44	227	46/46	50/50	49/48	231	231	47/47	51/50	60/60
		117A	7.8/10.4	21.7/25.0	43/42	50/50	45/44	227/227	46/46	50/50	49/48	231/231	231/231	47/47	51/52	60/60
		110A	12.0/16.0	33.4/38.5	53/58	60/60	48/53	227/227	58/63	60/70	53/58	231/231	231/231	59/64	64/69	90/100
		111A	18.6/24.8	51.7/59.7	76/85	80/90	69/78	227/227	81/90	90/90	74/82	231/231	231/231	82/91	87/96	110/125
575-3-60	460-3-60	112A	24.0/32.0	66.7/77.0	95/108	100/110	87/98	227/227	99/111	100/125	91/102	231/231	231/231	101/112	105/117	150/150
		112A+117A	31.8/42.4	88.4/102.0	122/138	125/150	112/126	227/227	126/142	150/150	116/131	231/231	231/231	128/144	132/148	150/150
		NONE	-	-	48/47	60/50	50/49	262	51/51	60/60	55/54	266	266	52/52	56/55	60/60
		117A	7.8/10.4	21.7/25.0	48/48	60/50	50/49	262/262	51/52	60/60	55/54	266/266	266/266	52/53	56/58	60/60
		110A	12.0/16.0	33.4/38.5	59/64	60/70	54/59	262/262	64/69	70/70	58/63	266/266	266/266	65/70	70/75	70/80
		111A	18.6/24.8	51.7/59.7	82/91	90/100	75/83	262/262	87/96	90/100	79/88	266/266	266/266	88/97	93/102	100/110
		112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	262/262	106/117	110/125	97/108	266/266	266/266	107/119	112/123	125/125
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	262/262	133/149	150/150	122/136	266/266	266/266	134/150	139/155	150/175
		NONE	-	-	19	20	19	97	20	25	21	99	99	21	23	25
		116A	13.9	16.7	25	25	23	97	27	30	25	99	99	28	30	30
575-3-60	460-3-60	113A	16.5	19.8	29	30	26	97	31	35	28	99	99	31	34	35
		114A	27.8	33.4	46	50	42	97	48	50	44	99	99	49	51	60
		115A	33.0	39.7	54	60	49	97	56	60	51	99	99	56	60	60
		114A+116A	41.7	50.2	67	70	61	97	69	70	63	99	99	70	72	80
		NONE	-	-	20	25	20	113	21	25	22	115	115	22	24	25
		116A	13.9	16.7	26	30	24	113	28	30	26	115	115	29	31	35
		113A	16.5	19.8	30	30	27	113	32	35	29	115	115	33	35	35
		114A	27.8	33.4	47	50	43	113	49	50	45	115	115	50	52	60
		115A	33.0	39.7	55	60	50	113	57	60	52	115	115	58	60	60
		114A+116A	41.7	50.2	68	70	62	113	70	70	64	115	115	71	73	80
575-3-60	460-3-60	NONE	-	-	22	25	23	130	24	30	25	132	132	24	26	30
		116A	13.9	16.7	29	30	27	130	32	35	29	132	132	32	34	35
		113A	16.5	19.8	33	35	30	130	35	35	32	132	132	36	38	40
		114A	27.8	33.4	50	50	46	130	52	60	48	132	132	53	55	60
		115A	33.0	39.7	58	60	53	130	60	60	55	132	132	61	63	70
		114A+116A	41.7	50.2	71	80	65	130	73	80	67	132	132	74	76	80
		NONE	-	-	14	15	14	79	18	20	19	83	83	16	19	25
		118A	17.0	20.4	29	30	27	79	34	35	31	83	83	32	36	40
		119A	34.0	40.9	55	60	50	79	60	60	55	83	83	57	62	70
		NONE	-	-	16	20	16	92	19	25	21	96	96	17	21	25
575-3-60	460-3-60	118A	17.0	20.4	32	35	29	92	36	40	33	96	96	34	38	40
		119A	34.0	40.9	57	60	52	92	62	70	57	96	96	59	64	70
		NONE	-	-	18	20	18	106	22	25	23	110	110	20	23	25
		118A	17.0	20.4	34	35	31	106	38	40	35	110	110	36	41	45
		119A	34.0	40.9	59	60	54	106	64	70	59	110	110	61	66	70
		NONE	-	-	18	20	18	106	22	25	23	110	110	20	23	25
		118A	17.0	20.4	34	35	31	106	38	40	35	110	110	36	41	45
		119A	34.0	40.9	59	60	54	106	64	70	59	110	110	61	66	70
		NONE	-	-	18	20	18	106	22	25	23	110	110	20	23	25
		118A	17.0	20.4	34	35	31	106	38	40	35	110	110	36	41	45

ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 13 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA WITH 2 SPEED INDOOR FAN MOTOR (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO RE.			w/ P.E. (pwrdr fr/unit)			NO P.E.			w/ P.E. (pwrdr fr/unit)		
					MCA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	DISC. SIZE
558J*09 (2-stage cooling)	STD	NONE	-	-	41/41	43/42	50/50	43/42	212	212	45/45	50/50	47/47	216	216	48/48
		117A	7.8/10.4	21.7/25.0	41/41	43/42	50/50	43/42	212/212	216/216	45/45	50/50	47/47	216/216	216/216	48/48
		110A	12.0/16.0	33.4/38.5	49/56	45/51	50/60	45/51	212/212	216/216	54/60	60/60	49/55	216/216	216/216	51/56
		111A	18.6/24.8	51.7/59.7	72/82	66/75	80/90	66/75	212/212	216/216	77/87	80/90	70/79	216/216	216/216	72/81
		112A	24.0/32.0	66.7/77.0	91/104	83/95	100/110	83/95	212/212	216/216	96/108	100/110	88/99	216/216	216/216	89/101
		112A+117A	31.8/42.4	88.4/102.0	118/135	108/124	125/150	108/124	212/212	216/216	123/140	125/150	113/128	216/216	216/216	114/129
		NONE	-	-	42/42	44/44	50/50	44/44	216	216	46/46	60/60	48/48	220	220	50/49
		117A	7.8/10.4	21.7/25.0	42/42	44/44	50/50	44/44	216/216	216/216	46/46	60/60	48/48	220/220	220/220	50/49
		110A	12.0/16.0	33.4/38.5	51/57	47/52	60/60	47/52	216/216	216/216	56/62	60/70	51/56	220/220	220/220	52/58
		111A	18.6/24.8	51.7/59.7	74/84	68/76	80/90	68/76	216/216	216/216	79/88	80/90	72/81	220/220	220/220	73/82
460-3-60	HIGH	112A	24.0/32.0	66.7/77.0	93/105	85/96	100/110	85/96	216/216	216/216	97/110	100/110	89/101	220/220	220/220	90/102
		112A+117A	31.8/42.4	88.4/102.0	120/136	110/125	125/150	110/125	216/216	216/216	125/141	125/150	114/129	220/220	220/220	115/131
		NONE	-	-	48/45	48/47	60/50	48/47	266	266	50/49	60/60	53/52	270	270	54/53
		117A	7.8/10.4	21.7/25.0	48/45	48/47	60/50	48/47	266/266	270/270	50/49	60/60	53/52	270/270	270/270	54/53
		110A	12.0/16.0	33.4/38.5	56/61	51/56	60/70	51/56	266/266	270/270	60/66	60/70	55/60	270/270	270/270	56/61
		111A	18.6/24.8	51.7/59.7	79/87	72/80	80/90	72/80	266/266	270/270	83/92	90/100	76/84	270/270	270/270	77/85
		112A	24.0/32.0	66.7/77.0	97/109	89/100	100/110	89/100	266/266	270/270	102/114	110/125	93/104	270/270	270/270	95/105
		112A+117A	31.8/42.4	88.4/102.0	124/140	114/129	125/150	114/129	266/266	270/270	129/145	150/150	118/133	270/270	270/270	120/134
		NONE	-	-	19	20	25	20	111	111	21	25	22	113	113	22
		116A	13.9	16.7	25	23	30	25	111	113	27	30	25	113	113	25
575-3-60	STD	113A	16.5	19.8	29	26	30	26	111	113	31	35	28	113	113	29
		114A	27.8	33.4	46	42	50	44	111	113	48	50	44	113	113	50
		115A	33.0	39.7	54	49	60	49	111	113	56	60	51	113	113	52
		114A+116A	41.7	50.2	67	61	70	61	111	113	69	70	63	113	113	64
		NONE	-	-	20	21	25	21	114	116	22	25	23	116	116	23
		116A	13.9	16.7	26	24	30	26	114	116	28	30	26	116	116	26
		113A	16.5	19.8	30	27	30	27	114	116	32	35	29	116	116	29
		114A	27.8	33.4	47	43	50	45	114	116	49	50	45	116	116	47
		115A	33.0	39.7	55	50	60	50	114	116	57	60	52	116	116	53
		114A+116A	41.7	50.2	68	62	70	62	114	116	70	70	64	116	116	65
575-3-60	HIGH	NONE	-	-	21	22	25	22	139	141	23	25	24	141	141	24
		116A	13.9	16.7	27	25	30	25	139	141	30	30	27	141	141	27
		113A	16.5	19.8	31	28	35	28	139	141	34	35	30	141	141	30
		114A	27.8	33.4	48	44	50	44	139	141	51	60	46	141	141	47
		115A	33.0	39.7	56	51	60	51	139	141	58	60	53	141	141	54
		114A+116A	41.7	50.2	69	63	70	63	139	141	72	80	65	141	141	66
		NONE	-	-	17	17	20	17	87	91	18	20	19	89	89	19
		118A	17.0	20.4	29	27	30	27	87	91	32	35	29	89	89	29
		119A	34.0	40.9	55	50	60	50	87	91	57	60	52	89	89	52
		NONE	-	-	17	18	20	18	91	95	21	25	20	93	93	20
575-3-60	MED	118A	17.0	20.4	30	27	30	27	91	95	35	35	32	93	93	29
		119A	34.0	40.9	56	51	60	51	91	95	61	70	55	93	93	53
		NONE	-	-	18	19	20	19	100	104	22	25	21	102	102	21
		118A	17.0	20.4	32	29	35	29	100	104	36	40	33	102	102	31
		119A	34.0	40.9	57	52	60	52	100	104	62	70	57	104	104	54
		NONE	-	-	18	19	20	19	100	104	22	25	20	102	102	21
		118A	17.0	20.4	32	29	35	29	100	104	36	40	33	102	102	31
		119A	34.0	40.9	57	52	60	52	100	104	62	70	57	104	104	54
		NONE	-	-	18	19	20	19	100	104	22	25	20	102	102	21
		118A	17.0	20.4	32	29	35	29	100	104	36	40	33	102	102	31
		119A	34.0	40.9	57	52	60	52	100	104	62	70	57	104	104	54

ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 13 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA WITH 2 SPEED INDOOR FAN MOTOR (cont.)

UNIT	NO M, V, Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)		
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE
							FLA			FLA			FLA			FLA
558J*12 (2-stage cooling)	208/230-3-60	NONE	-	-	48/46	60/60	48/47	255	50/50	259	51/51	60/60	53/53	280	55/54	58/57
		117A	7.8/10.4	21.7/25.0	46/46	60/60	48/47	255/255	50/50	259/259	51/51	60/60	53/53	280/280	55/54	58/57
		110A	12.0/16.0	33.4/38.5	51/57	60/60	48/52	255/255	50/50	259/259	57/63	60/70	53/58	280/280	62/68	66/70
		112A	24.0/32.0	66.7/77.0	93/105	100/110	85/96	255/255	97/110	259/259	99/111	100/125	90/102	280/280	103/116	95/106
		112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	255/255	125/141	259/259	126/142	150/150	115/131	280/280	131/147	120/135
		112A+110A	37.6/50.0	104.2/120.3	140/129	150/150	128/146	255/255	144/134	259/259	146/135	150/150	134/152	280/280	150/140	138/156
		NONE	-	-	50/49	60/60	52/51	305	54/53	309	55/54	60/60	58/56	310	58/57	62/61
		117A	7.8/10.4	21.7/25.0	50/49	60/60	52/51	305/305	54/53	309/309	55/54	60/60	58/56	310/310	58/57	62/61
		110A	12.0/16.0	33.4/38.5	56/61	60/70	52/56	305/305	60/66	309/309	62/67	70/70	58/61	310/310	66/72	62/65
		112A	24.0/32.0	66.7/77.0	97/109	100/110	89/100	305/305	102/114	309/309	103/115	110/125	95/105	310/310	108/120	99/110
460-3-60	208/230-3-60	112A+117A	31.8/42.4	88.4/102.0	124/140	125/150	114/129	305/305	129/145	309/309	130/146	150/150	120/134	310/310	135/151	124/138
		112A+110A	37.6/50.0	104.2/120.3	144/133	150/150	132/154	305/305	149/138	309/309	150/139	150/150	138/155	310/310	155/144	142/160
		NONE	-	-	53/52	60/60	55/54	316	56/55	320	57/56	70/60	61/60	321	61/60	65/64
		117A	7.8/10.4	21.7/25.0	53/52	60/60	55/54	316/316	56/55	320/320	57/56	70/60	61/60	321/321	61/60	65/64
		110A	12.0/16.0	33.4/38.5	59/64	60/70	55/59	316/316	64/69	320/320	65/70	70/70	61/64	321/321	70/75	65/69
		112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	316/316	106/117	320/320	107/119	110/125	98/109	321/321	112/123	102/113
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	316/316	133/149	320/320	134/150	150/150	123/137	321/321	139/155	127/142
		112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	316/316	152/141	320/320	154/143	175/175	141/158	321/321	158/147	145/163
		NONE	-	-	23	30	24	122	25	124	25	30	26	124	27	29
		116A	13.9	16.7	26	30	24	122	28	124	29	30	26	124	31	35
575-3-60	575-3-60	113A	16.5	19.8	30	30	27	122	32	124	33	35	32	124	35	32
		115A	33.0	39.7	55	60	50	122	57	124	58	60	53	124	60	60
		114A+116A	41.7	50.2	68	70	62	122	70	124	71	80	65	124	73	80
		115A+113A	50.0	60.1	65	70	73	122	68	124	68	80	76	124	76	80
		NONE	-	-	24	30	25	147	26	149	26	30	28	149	28	30
		116A	13.9	16.7	27	30	25	147	30	149	30	35	30	149	32	35
		113A	16.5	19.8	31	35	28	147	34	149	34	35	31	149	36	40
		115A	33.0	39.7	56	60	51	147	58	149	59	60	54	149	61	70
		114A+116A	41.7	50.2	69	70	63	147	72	149	72	80	66	149	74	80
		115A+113A	50.0	60.1	67	80	75	147	69	149	69	80	77	149	72	80
575-3-60	575-3-60	NONE	-	-	26	30	27	152	28	154	28	30	29	154	30	35
		116A	13.9	16.7	29	30	27	152	32	154	32	35	29	154	34	35
		113A	16.5	19.8	33	35	30	152	35	154	36	40	33	154	38	40
		115A	33.0	39.7	58	60	53	152	60	154	61	70	56	154	63	70
		114A+116A	41.7	50.2	71	80	65	152	73	154	74	80	68	154	76	80
		115A+113A	50.0	60.1	69	80	76	152	71	154	71	80	79	154	74	80
		NONE	-	-	18	20	19	95	22	99	23	25	21	97	24	25
		118A	17.0	20.4	30	30	27	95	35	99	32	35	29	97	37	40
		119A	34.0	40.9	56	60	51	95	61	99	58	60	53	97	63	70
		118A+119A	51.0	61.3	66	70	75	95	71	99	68	80	76	97	73	80
575-3-60	575-3-60	NONE	-	-	19	25	20	104	23	108	21	25	22	106	25	30
		118A	17.0	20.4	32	35	29	104	36	108	34	35	31	106	38	40
		119A	34.0	40.9	57	60	52	104	62	108	59	60	54	106	64	70
		118A+119A	51.0	61.3	67	80	76	104	72	108	70	80	78	106	74	80
		NONE	-	-	21	25	22	118	25	122	23	25	24	120	26	30
		118A	17.0	20.4	34	35	31	118	38	122	36	40	33	120	41	45
		119A	34.0	40.9	59	60	54	118	64	122	61	70	56	120	66	70
		118A+119A	51.0	61.3	70	80	78	118	74	122	72	80	80	120	76	80
		NONE	-	-	21	25	22	118	25	122	23	25	24	120	26	30
		118A	17.0	20.4	34	35	31	118	38	122	36	40	33	120	41	45

ELECTRICAL INFORMATION (UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 13 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA WITH 2 SPEED INDOOR FAN MOTOR (cont.)

UNIT	NO M, V-Ph-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.									
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)						
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA				
558J*14 (2-stage cooling)	208/230-3-60	NONE	-	-	62/61	80/80	65/64	357	66/65	80/80	69/68	361	67/66	80/80	70/69	362	71/70	80/80	75/74	366
		117A	7.8/10.4	21.7/25.0	62/61	80/80	65/64	357/357	66/65	80/80	69/68	361/361	67/66	80/80	70/69	362/362	71/70	80/80	75/74	366/366
		110A	12.0/16.0	33.4/38.5	62/61	80/80	65/64	357/357	66/65	80/80	69/68	361/361	67/66	80/80	70/69	362/362	71/70	80/80	75/74	366/366
		112A	24.0/32.0	66.7/77.0	95/106	100/110	87/98	357/357	99/111	100/125	91/102	361/361	101/112	110/125	92/103	362/362	105/117	110/125	96/107	366/366
		112A+117A	31.8/42.4	88.4/102.0	122/138	125/150	112/126	357/357	126/142	150/150	116/131	361/361	128/144	150/150	117/132	362/362	132/148	150/150	121/136	366/366
		112A+110A	37.6/50.0	104.2/120.3	141/131	150/150	130/147	357/357	146/135	150/150	134/152	361/361	147/137	150/150	135/153	362/362	152/141	175/150	140/157	366/366
		NONE	-	-	64/63	80/80	67/66	381	68/67	80/80	72/70	385	69/68	80/80	73/72	386	73/72	80/80	77/76	390
		117A	7.8/10.4	21.7/25.0	64/63	80/80	67/66	381/381	68/67	80/80	72/70	385/385	69/68	80/80	73/72	386/386	73/72	80/80	77/76	390/390
		110A	12.0/16.0	33.4/38.5	64/63	80/80	67/66	381/381	68/67	80/80	72/70	385/385	69/68	80/80	73/72	386/386	73/72	80/80	77/76	390/390
		112A	24.0/32.0	66.7/77.0	97/109	100/110	89/100	381/381	102/114	110/125	93/104	385/385	103/115	110/125	95/105	386/386	108/120	110/125	99/110	390/390
460-3-60	558J*14 (2-stage cooling)	112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	392/392	133/149	150/150	122/136	396/396	134/150	150/150	123/137	397/397	139/155	150/175	127/142	401/401
		112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	392/392	152/141	175/175	140/157	396/396	154/143	175/175	141/158	397/397	158/147	175/175	145/163	401/401
		NONE	-	-	30	40	31	180	32	40	33	182	33	40	34	182	34	40	36	184
		116A	13.9	16.7	30	40	31	180	32	40	33	182	33	40	34	182	34	40	36	184
		113A	16.5	19.8	30	40	31	180	32	40	33	182	33	40	34	182	35	40	36	184
		115A	33.0	39.7	55	60	50	180	57	60	52	182	58	60	53	182	60	60	55	184
		114A+116A	41.7	50.2	68	70	62	180	70	80	64	182	71	80	65	182	73	80	67	184
		115A+113A	50.0	60.1	65	70	73	180	68	80	76	182	68	80	76	182	70	80	78	184
		NONE	-	-	31	40	33	192	33	40	35	194	34	40	35	194	35	45	37	196
		116A	13.9	16.7	31	40	33	192	33	40	35	194	34	40	35	194	35	45	37	196
575-3-60	HIGH	113A	16.5	19.8	31	40	33	192	34	40	35	194	34	40	35	194	36	45	39	201
		115A	33.0	39.7	56	60	51	192	58	60	53	194	59	60	54	194	61	70	56	196
		114A+116A	41.7	50.2	69	70	63	192	72	80	65	194	72	80	66	194	74	80	68	196
		115A+113A	50.0	60.1	67	80	75	192	69	80	77	194	69	80	77	194	72	80	79	196
		NONE	-	-	33	40	34	197	35	40	36	199	35	45	37	199	37	45	39	201
		116A	13.9	16.7	33	40	34	197	35	40	36	199	35	45	37	199	37	45	39	201
		113A	16.5	19.8	33	40	34	197	35	40	36	199	36	45	37	199	38	45	39	201
		115A	33.0	39.7	58	60	53	197	60	60	55	199	61	70	56	199	63	70	58	201
		114A+116A	41.7	50.2	71	80	65	197	73	80	67	199	74	80	68	199	76	80	70	201
		115A+113A	50.0	60.1	69	80	76	197	71	80	79	199	71	80	79	199	74	80	81	201
575-3-60	STD	NONE	-	-	24	30	25	142	28	30	30	146	26	30	27	144	30	35	32	148
		118A	17.0	20.4	32	35	29	142	36	40	33	146	34	35	31	144	38	40	35	148
		119A	34.0	40.9	57	60	52	142	62	70	57	146	59	60	54	144	64	70	59	148
		118A+119A	51.0	61.3	67	80	76	142	72	80	80	146	70	80	78	144	74	80	82	148
		NONE	-	-	24	30	25	142	28	30	30	146	26	30	27	144	30	35	32	148
		118A	17.0	20.4	32	35	29	142	36	40	33	146	34	35	31	144	38	40	35	148
		119A	34.0	40.9	57	60	52	142	62	70	57	146	59	60	54	144	64	70	59	148
		118A+119A	51.0	61.3	67	80	76	142	72	80	80	146	70	80	78	144	74	80	82	148
		NONE	-	-	26	30	27	156	30	35	32	160	28	30	29	158	32	35	34	162
		118A	17.0	20.4	34	35	31	156	38	40	35	160	36	40	33	158	41	45	37	162
HIGH	119A	34.0	40.9	59	60	54	156	64	70	59	160	61	70	56	160	66	70	60	162	
	118A+119A	51.0	61.3	70	80	78	156	74	80	82	160	72	80	80	158	76	80	84	162	

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 13 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA WITH 2 SPEED INDOOR FAN MOTOR (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO P.E. (pwrd fr/unit)						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ PWRD C.O.		
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE	
							FLA	LRA			FLA	LRA			FLA	LRA
	STD	NONE	-	-	70/69	80/80	73/72	393	74/73	80/80	77/76	397	75/74	90/80	78/77	398
		291A	12.4/16.5	34.4/39.7	70/69	80/80	73/72	393/393	74/73	80/80	77/76	397/397	75/74	90/80	78/77	398/398
		294A	25.2/33.5	69.9/80.6	99/111	100/125	90/102	393/393	103/116	110/125	95/106	397/397	105/117	110/125	96/107	398/398
		288A+294A	32.7/43.5	90.7/104.7	125/141	125/150	114/129	393/393	129/146	150/150	119/134	397/397	131/147	150/150	120/135	398/398
		291A+294A	37.6/50.0	104.3/120.3	142/131	150/150	130/147	393/393	146/135	150/150	134/152	397/397	148/137	150/150	135/153	398/398
		294A+294A	50.3/67.0	139.7/161.2	151/171	175/200	171/194	393/393	156/176	175/200	175/199	397/397	157/177	175/200	176/200	398/398
		NONE	-	-	72/71	80/80	75/74	417	76/75	100/90	79/78	421	77/76	100/100	81/79	422
		291A	12.4/16.5	34.4/39.7	72/71	80/80	75/74	417/417	76/75	100/90	79/78	421/421	77/76	100/100	81/79	422/422
		294A	25.2/33.5	69.9/80.6	101/113	110/125	93/104	417/417	106/118	110/125	97/108	421/421	107/119	110/125	98/109	422/422
		288A+294A	32.7/43.5	90.7/104.7	127/144	150/150	117/132	417/417	132/148	150/150	121/136	421/421	133/150	150/150	122/137	422/422
	MED	291A+294A	37.6/50.0	104.3/120.3	144/133	150/150	132/150	417/417	149/138	150/150	137/154	421/421	150/139	150/150	138/155	422/422
		294A+294A	50.3/67.0	139.7/161.2	154/174	175/200	173/197	417/417	158/179	175/200	177/201	421/421	160/180	175/200	179/202	422/422
		NONE	-	-	82	100	86	432	85	100	91	436	86	100	92	437
		291A	12.4/16.5	34.4/39.7	82/82	100/100	86/86	432/432	85/85	100/100	91/91	436/436	86/86	100/100	92/92	437/437
		294A	25.2/33.5	69.9/80.6	113/127	125/150	104/116	432/432	118/131	125/150	108/121	436/436	119/133	125/150	109/122	437/437
	HIGH	288A+294A	32.7/43.5	90.7/104.7	139/157	150/175	128/144	432/432	144/162	150/175	132/148	436/436	145/163	150/175	133/149	437/437
		291A+294A	37.6/50.0	104.3/120.3	156/146	175/175	143/162	432/432	161/151	175/175	148/166	436/436	162/152	175/175	149/167	437/437
		294A+294A	50.3/67.0	139.7/161.2	166/187	175/225	184/209	432/432	170/192	175/225	188/213	436/436	172/193	200/225	190/214	437/437
		NONE	-	-	35	45	36	233	37	45	38	235	37	45	38	235
		292A	16.5	19.9	35	45	36	233	37	45	38	235	37	45	38	235
	STD	295A	33.5	40.3	56	60	51	233	58	60	53	235	58	60	53	235
		289A+295A	43.5	52.3	71	80	65	233	73	80	67	235	73	80	67	235
		292A+295A	50.0	60.2	65	70	74	233	68	80	76	235	68	80	76	235
		295A+295A	67.0	80.6	86	90	97	233	88	100	99	235	89	100	100	235
		NONE	-	-	36	45	37	245	38	50	39	247	38	50	40	247
	MED	292A	16.5	19.9	36	45	37	245	38	50	39	247	38	50	40	247
		295A	33.5	40.3	57	60	52	245	59	60	54	247	60	60	55	247
		289A+295A	43.5	52.3	72	80	66	245	74	80	68	247	75	80	68	247
		292A+295A	50.0	60.2	67	80	75	245	69	80	77	247	70	80	77	247
		295A+295A	67.0	80.6	87	100	98	245	89	100	100	247	90	100	101	247
	HIGH	NONE	-	-	41	50	43	252	43	50	45	254	43	50	46	254
		292A	16.5	19.9	41	50	43	252	43	50	45	254	43	50	46	254
		295A	33.5	40.3	64	70	58	252	66	70	60	254	66	70	61	254
		289A+295A	43.5	52.3	79	80	72	252	81	90	74	254	81	90	74	254
		292A+295A	50.0	60.2	73	80	81	252	76	80	83	254	76	80	83	254
		295A+295A	67.0	80.6	94	100	104	252	96	100	106	254	97	100	107	254
		NONE	-	-	48	50	48	256	48	50	48	256	48	50	48	256
		292A	16.5	19.9	48	50	48	256	48	50	48	256	48	50	48	256
		295A	33.5	40.3	63	70	59	256	63	70	61	256	63	70	63	256
		289A+295A	43.5	52.3	76	80	76	256	76	80	76	256	76	80	76	256

ELECTRICAL INFORMATION

(UNITS PRODUCED ON OR AFTER JULY 30, 2012) cont.

Table 13 - UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA WITH 2 SPEED INDOOR FAN MOTOR (cont.)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.				w/ P.E. (pwrd fr/unit)				w/ PWRD C.O.			
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.				MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE	
					FLA	DISC. SIZE	FLA	LRA			FLA	LRA			FLA	LRA
558J*16 (2-stage cooling)	STD	NONE	-	-	29	30	184	184	32	40	34	188	30	35	32	186
		293A	16.5	15.9	29	30	184	184	32	40	34	188	30	35	32	186
		296A	33.5	32.2	46	50	184	184	51	60	47	188	48	50	44	186
		290A+296A	43.5	41.8	58	60	184	184	63	70	58	188	60	60	55	186
		293A+296A	50.0	48.1	54	60	184	184	59	60	65	188	56	60	62	186
	MED	296A+296A	67.0	64.4	70	80	184	184	75	80	84	188	73	80	81	186
		NONE	-	-	29	30	184	184	32	40	34	188	30	35	32	186
		293A	16.5	15.9	29	30	184	184	32	40	34	188	30	35	32	186
		296A	33.5	32.2	46	50	184	184	51	60	47	188	48	50	44	186
		290A+296A	43.5	41.8	58	60	184	184	63	70	58	188	60	60	55	186
	HIGH	293A+296A	50.0	48.1	54	60	184	184	59	60	65	188	56	60	62	186
		296A+296A	67.0	64.4	70	80	184	184	75	80	84	188	73	80	81	186
		NONE	-	-	33	40	196	196	37	45	39	200	35	40	37	198
		293A	16.5	15.9	33	40	196	196	37	45	39	200	35	40	37	198
		296A	33.5	32.2	52	60	196	196	57	60	52	200	54	60	49	198
		290A+296A	43.5	41.8	64	70	196	196	69	70	63	200	66	70	60	198
		293A+296A	50.0	48.1	60	70	196	196	65	70	70	200	62	70	68	198
		296A+296A	67.0	64.4	76	80	196	196	81	90	89	200	78	80	86	198

Example: Supply voltage is 230-3-60



- LEGEND:**
- Circuit breaker
 - Convenience outlet
 - Disconnect
 - Full load amps
 - Indoor fan motor
 - Locked rotor amps
 - Minimum circuit amps
 - MAX FUSE or HACR Breaker
 - Power exhaust
 - Powered convenient outlet
 - Unpowered convenient outlet

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker. Canadian units may be fuse or circuit breaker.

2. Unbalanced 3-Phase Supply Voltage

Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

$$\text{Average Voltage} = \frac{(224 + 231 + 226)}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.

$$(AB) 227 - 224 = 3 \text{ v}$$

$$(BC) 231 - 227 = 4 \text{ v}$$

$$(AC) 227 - 226 = 1 \text{ v}$$

Maximum deviation is 4 v.

Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

ELECTRICAL DATA FOR UNITS PRODUCED PRIOR TO JULY 30, 2012

NOTE: Check the serial number of unit to verify production date.

To confirm the date of manufacture, locate the unit nameplate and check the first four digits of the Serial Number. If the number listed in the first 4 digits of the Serial Number is 3111 or lower, the unit was produced prior to July 30, 2012.

Position:	1	2	3	4	5	6	7	8	9	10
Example:	3	1	1	2	U	1	2	3	4	5

Week of manufacture
(fiscal calendar)

Sequence number

Year of manufacture
("12" = 2012)

Manufacturing location

C12562A

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012)

Table 14 – 558J 04 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 3 TONS

V–Ph–Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208–1–60	187	253	16.6	79	325	1.5	STD MED	70% 70%	4.9 4.9
230–1–60	187	253	16.6	79	325	1.5	STD MED	70% 70%	4.9 4.9
208–3–60	187	253	10.4	73	325	1.5	STD MED HIGH	70% 70% 80%	4.9 4.9 5.2
230–3–60	187	253	10.4	73	325	1.5	STD MED HIGH	70% 70% 80%	4.9 4.9 5.2
460–3–60	414	506	5.8	38	325	0.8	STD MED HIGH	70% 70% 80%	2.1 2.1 2.6
575–3–60	518	633	3.8	37	325	0.6	STD MED HIGH	71% 71% 80%	1.9 1.9 2.0

Table 14 (cont.) - 558J 05 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 4 TONS

V–Ph–Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208–1–60	187	253	21.8	117	325	1.5	STD MED	70% 78%	4.9 7.0
230–1–60	187	253	21.8	117	325	1.5	STD MED	70% 78%	4.9 7.0
208–3–60	187	253	13.7	83	325	1.5	STD MED HIGH	70% 70% 80%	4.9 4.9 5.2
230–3–60	187	253	13.7	83	325	1.5	STD MED HIGH	70% 70% 80%	4.9 4.9 5.2
460–3–60	414	506	6.2	41	325	0.8	STD MED HIGH	70% 70% 80%	2.1 2.1 2.6
575–3–60	518	633	4.8	37	325	0.6	STD MED HIGH	71% 71% 80%	1.9 2.1 2.0

Table 14 (cont.) - 558J 06 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 5 TONS

V–Ph–Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208–1–60	187	253	26.2	134	325	1.5	STD MED	70% 78%	4.9 7.0
230–1–60	187	253	26.2	134	325	1.5	STD MED	70% 78%	4.9 7.0
208–3–60	187	253	15.6	110	325	1.5	STD MED HIGH	70% 80% 81%	4.9 5.2 7.5
230–3–60	187	253	15.6	110	325	1.5	STD MED HIGH	70% 80% 81%	4.9 5.2 7.5
460–3–60	414	506	7.7	52	325	0.8	STD MED HIGH	70% 80% 81%	2.1 2.6 3.4
575–3–60	518	633	5.8	39	325	0.6	STD MED HIGH	71% 81% 81%	1.9 2.0 2.8

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 14 (cont.) - 558J 07 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

6 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	19.0	123	325	1.5	STD	80%	5.2
							MED	81%	7.5
							HIGH	81%	7.5
230-3-60	187	253	19.0	123	325	1.5	STD	80%	5.2
							MED	81%	7.5
							HIGH	81%	7.5
460-3-60	414	506	9.7	62	325	0.8	STD	80%	2.6
							MED	81%	3.4
							HIGH	81%	4.4
575-3-60	518	633	7.4	50	325	0.6	STD	80%	2.0
							MED	81%	2.8
							HIGH	81%	2.8

Table 14 (cont.) - 558J 08 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

7.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	25.0	164	325	1.5	STD	80%	5.2
							MED	81%	7.5
							HIGH	81%	15.0
230-3-60	187	253	25.0	164	325	1.5	STD	80%	5.2
							MED	81%	7.5
							HIGH	81%	15.0
460-3-60	414	506	12.2	100	325	0.8	STD	80%	2.6
							MED	81%	3.4
							HIGH	81%	7.4
575-3-60	518	633	9.0	78	325	0.6	STD	80%	2.4
							MED	81%	2.8
							HIGH	81%	5.6

Table 14 (cont.) - 558J 08 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

7.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	80%	5.2
									MED	81%	7.5
									HIGH	81%	15.0
230-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	80%	5.2
									MED	81%	7.5
									HIGH	81%	15.0
460-3-60	414	506	6.1	41	6.1	41	325	0.8	STD	80%	2.6
									MED	81%	3.4
									HIGH	81%	7.4
575-3-60	518	633	4.2	33	4.2	33	325	0.6	STD	80%	2.4
									MED	81%	2.8
									HIGH	81%	5.6

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 14 (cont.) - 558J 08 2-STAGE COOLING WITH 2-SPEED INDOOR FAN MOTOR 7.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	84%	5.8
							325	1.5	MED	85%	8.6
							325	1.5	HIGH	84%	13.6
230-3-60	187	253	13.6	83	13.6	83	325	1.5	STD	84%	5.6
							325	1.5	MED	85%	7.8
							325	1.5	HIGH	84%	12.7
460-3-60	414	506	6.1	41	6.1	41	325	0.8	STD	79%	2.9
							325	0.8	MED	85%	3.8
							325	0.8	HIGH	84%	6.4
575-3-60	518	633	4.2	33	4.2	33	325	0.6	STD	81%	2.8
							325	0.6	MED	84%	4.5
							325	0.6	HIGH	83%	6.2

Table 14 (cont.) - 558J 09 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 8.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	29.5	195	325	1.5	STD	80%	5.2
							MED	80%	5.2
							HIGH	80%	10.0
230-3-60	187	253	29.5	195	325	1.5	STD	80%	5.2
							MED	80%	5.2
							HIGH	80%	10.0
460-3-60	414	506	14.7	95	325	0.8	STD	80%	2.6
							MED	80%	2.6
							HIGH	80%	4.4
575-3-60	518	633	12.2	80	325	0.6	STD	80%	2.4
							MED	80%	2.0
							HIGH	81%	2.8

Table 14 (cont.) - 558J 09 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 8.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	80%	5.2
									MED	80%	5.2
									HIGH	80%	10.0
230-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	80%	5.2
									MED	80%	5.2
									HIGH	80%	10.0
460-3-60	414	506	6.3	55	6.2	41	325	0.8	STD	80%	2.6
									MED	80%	2.6
									HIGH	80%	4.4
575-3-60	518	633	6.0	41	4.8	33	325	0.6	STD	80%	2.4
									MED	80%	2.0
									HIGH	81%	2.8

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 14 (cont.) - 558J 09 2-STAGE COOLING WITH 2-SPEED INDOOR FAN MOTOR

8.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	84%	5.8
							325	1.5	MED	77%	7.1
							325	1.5	HIGH	82%	10.8
230-3-60	187	253	14.5	98	13.7	83	325	1.5	STD	84%	5.6
							325	1.5	MED	77%	6.8
							325	1.5	HIGH	82%	9.8
460-3-60	414	506	6.3	55	6.2	41	325	0.8	STD	79%	2.9
							325	0.8	MED	77%	3.8
							325	0.8	HIGH	82%	4.9
575-3-60	518	633	6.0	41	4.8	33	325	0.6	STD	81%	2.8
							325	0.6	MED	80%	3.5
							325	0.6	HIGH	84%	4.5

Table 14 (cont.) - 558J 12 1-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

10 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (ea)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	30.1	225	325	1.5	STD	80%	5.2
							MED	81%	10.0
							HIGH	81%	15.0
230-3-60	187	253	30.1	225	325	1.5	STD	80%	5.2
							MED	81%	10.0
							HIGH	81%	15.0
460-3-60	414	506	16.7	114	325	0.8	STD	80%	2.6
							MED	81%	4.4
							HIGH	81%	7.4
575-3-60	518	633	12.2	80	325	0.6	STD	80%	2.0
							MED	81%	2.8
							HIGH	81%	5.6

Table 14 (cont.) - 558J 12 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR

10 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	80%	5.2
									MED	81%	10.0
									HIGH	81%	15.0
230-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	80%	5.2
									MED	81%	10.0
									HIGH	81%	15.0
460-3-60	414	506	7.7	52	7.7	52	325	0.8	STD	80%	2.6
									MED	81%	4.4
									HIGH	81%	7.4
575-3-60	518	633	5.8	39	5.7	39	325	0.6	STD	80%	2.0
									MED	81%	2.8
									HIGH	81%	5.6

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 14 (cont.) - 558J 12 2-STAGE COOLING WITH 2-SPEED INDOOR FAN MOTOR 10 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	77%	7.1
							325	1.5	MED	82%	10.8
							325	1.5	HIGH	84%	13.6
230-3-60	187	253	15.6	110	15.9	110	325	1.5	STD	77%	6.8
							325	1.5	MED	82%	9.8
							325	1.5	HIGH	84%	12.7
460-3-60	414	506	7.7	52	7.7	52	325	0.8	STD	77%	3.8
							325	0.8	MED	82%	4.9
							325	0.8	HIGH	84%	6.4
575-3-60	518	633	5.8	39	5.7	39	325	0.6	STD	80%	3.5
							325	0.6	MED	84%	4.5
							325	0.6	HIGH	83%	6.2

Table 14 (cont.) - 558J 14 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 12.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	19.0	123	22.4	149	1288	6.2	STD	81%	7.5
									MED	81%	10.0
									HIGH	81%	15.0
230-3-60	187	253	19.0	123	22.4	149	1288	6.2	STD	81%	7.5
									MED	81%	10.0
									HIGH	81%	15.0
460-3-60	414	506	9.7	62	10.6	75	1288	3.1	STD	81%	3.4
									MED	81%	4.4
									HIGH	81%	7.4
575-3-60	518	633	7.4	50	7.7	54	1288	2.5	STD	81%	2.8
									MED	81%	2.8
									HIGH	81%	5.6

Table 14 (cont.) - 558J 14 2-STAGE COOLING WITH 2-SPEED INDOOR FAN MOTOR 12.5 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	19.0	123	22.4	149	1070	6.2	STD	85%	8.6
							1070	6.2	MED	82%	10.8
							1070	6.2	HIGH	84%	13.6
230-3-60	187	253	19.0	123	22.4	149	1070	6.2	STD	85%	7.8
							1070	6.2	MED	82%	9.8
							1070	6.2	HIGH	84%	12.7
460-3-60	414	506	9.7	62	10.6	75	1070	3.1	STD	85%	3.8
							1070	3.1	MED	82%	4.9
							1070	3.1	HIGH	84%	6.4
575-3-60	518	633	7.4	50	7.7	54	1070	2.5	STD	84%	4.5
							1070	2.5	MED	84%	4.5
							1070	2.5	HIGH	83%	6.2

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 14 (cont.) - 558J 16 2-STAGE COOLING WITH 1-SPEED INDOOR FAN MOTOR 15 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP (Cir 1)		COMP (Cir 2)		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	25.0	164	25.0	164	1288	1.5	STD MED HIGH	81% 81% 89.5%	7.5 10.0 20.4
230-3-60	187	253	25.0	164	25.0	164	1288	1.5	STD MED HIGH	81% 81% 89.5%	7.5 10.0 20.4
460-3-60	414	506	12.2	100	12.8	100	1288	0.8	STD MED HIGH	81% 81% 89.5%	3.4 4.4 10.2
575-3-60	518	633	9.8	78	9.6	78	1288	0.6	STD MED HIGH	81% 81% 89.5%	2.8 2.8 9.0

Table 14 (cont.) - 558J 16 2-STAGE COOLING WITH 2-SPEED INDOOR FAN MOTOR 15 TONS

V-Ph-Hz	VOLTAGE RANGE		COMP 1		COMP 2		OFM (ea)		IFM		
	MIN	MAX	RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFF at Full Load	FLA
208-3-60	187	253	25.0	164	25.0	164	280	1.5	STD	85%	8.6
							280	1.5	MED	82%	10.8
							280	1.5	HIGH	90%	20.4
230-3-60	187	253	25.0	164	25.0	164	280	1.5	STD	85%	7.8
							280	1.5	MED	82%	9.8
							280	1.5	HIGH	90%	20.4
460-3-60	414	506	12.2	100	12.8	100	280	0.8	STD	85%	3.8
							280	0.8	MED	82%	4.9
							280	0.8	HIGH	90%	10.2
575-3-60	518	633	9.8	78	9.6	78	280	0.6	STD	84%	4.5
							280	0.6	MED	84%	4.5
							280	0.6	HIGH	94%	9.0

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 – 558J 04

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V–PH–Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230–1–60	STD	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	037A00	037A00	037A00	037A00
		104B00	10.5	7.9/9.6	040A00	040A00	040A00	040A00
		102A00,102A00	13	9.8/11.9	040A00	040A00	040A00	040A00
	MED	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	037A00	037A00	037A00	037A00
		104B00	10.5	7.9/9.6	040A00	040A00	040A00	040A00
		102A00,102A00	13	9.8/11.9	040A00	040A00	040A00	040A00
208/ 230–3–60	STD	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	–	–	–	–
		104B00	10.5	7.9/9.6	–	–	–	–
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
	MED	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	–	–	–	–
		104B00	10.5	7.9/9.6	–	–	–	–
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
	HIGH	101A00	4.4	3.3/4.0	–	–	–	–
		102A00	6.5	4.9/6.0	–	–	–	–
		103B00	8.7	6.5/8.0	–	–	–	–
		104B00	10.5	7.9/9.6	–	–	–	–
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
460–3–60	STD	106A00	6	5.5	–	–	–	–
		107A00	8.8	8.1	–	–	–	–
		108A00	11.5	10.6	–	–	–	–
		109A00	14	12.9	–	–	–	–
	MED	106A00	6	5.5	–	–	–	–
		107A00	8.8	8.1	–	–	–	–
		108A00	11.5	10.6	–	–	–	–
		109A00	14	12.9	–	–	–	–
	HIGH	106A00	6	5.5	–	–	–	–
		107A00	8.8	8.1	–	–	–	–

LEGEND

APP PWR	– 208 / 230V / 460V / 575V
C.O.	– Convenience outlet
FLA	– Full load amps
IFM	– Indoor fan motor
NOM PWR	– 240V / 480V / 600V
P.E.	– Power exhaust
PWRD	– Powered convenience outlet
UNPWRD	– Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 05

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
208/ 230-1-60	STD	101A00	4.4	3.3/4.0	-	-	-	-
		103B00	8.7	6.5/8.0	037A00	037A00	037A00	037A00
		102A00,102A00	13	9.8/11.9	040A00	040A00	040A00	040A00
		103B00,103B00	17.4	13.1/16.0	040A00	040A00	040A00	040A00
		104B00,104B00	21	15.8/19.3	040A00	040A00	040A00	040A00
	MED	101A00	4.4	3.3/4.0	-	-	-	-
		103B00	8.7	6.5/8.0	037A00	037A00	037A00	037A00
		102A00,102A00	13	9.8/11.9	040A00	040A00	040A00	040A00
		103B00,103B00	17.4	13.1/16.0	040A00	040A00	040A00	040A00
		104B00,104B00	21	15.8/19.3	040A00	040A00	040A00	040A00
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	-	-	-	-
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21	15.8/19.3	038A00	038A00	038A00	038A00
	MED	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	-	-	-	-
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21	15.8/19.3	038A00	038A00	038A00	038A00
	HIGH	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	-	-	-	-
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21	15.8/19.3	038A00	038A00	038A00	038A00
460-3-60	STD	106A00	6	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14	12.9	-	-	-	-
		108A00,108A00	23	21.1	037A00	037A00	037A00	037A00
	MED	106A00	6	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14	12.9	-	-	-	-
		108A00,108A00	23	21.1	037A00	037A00	037A00	037A00
	HIGH	106A00	6	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14	12.9	-	-	-	-
		108A00,108A00	23	21.1	037A00	037A00	037A00	037A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 06

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
208/ 230-1-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		103B00	8.7	6.5/8.0	037A00	037A00	037A00	037A00
		102A00,102A00	13	9.8/11.9	040A00	040A00	040A00	040A00
		103B00,103B00	17.4	13.1/16.0	040A00	040A00	040A00	040A00
		104B00,104B00	21	15.8/19.3	040A00	040A00	040A00	040A00
	MED	102A00	6.5	4.9/6.0	-	-	-	037A00
		103B00	8.7	6.5/8.0	037A00	037A00	040A00	040A00
		102A00,102A00	13	9.8/11.9	040A00	040A00	040A00	040A00
		103B00,103B00	17.4	13.1/16.0	040A00	040A00	040A00	040A00
		104B00,104B00	21	15.8/19.3	040A00	040A00	040A00	040A00
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21	15.8/19.3	038A00	038A00	038A00	038A00
		104B00,105A00	26.5	19.9/24.3	038A00	038A00	038A00	038A00
	MED	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21	15.8/19.3	038A00	038A00	038A00	038A00
		104B00,105A00	26.5	19.9/24.3	038A00	038A00	038A00	038A00
	HIGH	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21	15.8/19.3	038A00	038A00	038A00	038A00
		104B00,105A00	26.5	19.9/24.3	038A00	038A00	038A00	038A00
460-3-60	STD	106A00	6	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14	12.9	-	-	-	-
		108A00,108A00	23	21.1	037A00	037A00	037A00	037A00
		108A00,109A00	25.5	23.4	037A00	037A00	037A00	037A00
	MED	106A00	6	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14	12.9	-	-	-	-
		108A00,108A00	23	21.1	037A00	037A00	037A00	037A00
		108A00,109A00	25.5	23.4	037A00	037A00	037A00	037A00
	HIGH	106A00	6	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14	12.9	-	-	-	-
		108A00,108A00	23	21.1	037A00	037A00	037A00	037A00
		108A00,109A00	25.5	23.4	037A00	037A00	037A00	037A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 07

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO PE.	w/PE. (pwrd fr/unit)	NO PE.	w/PE. (pwrd fr/unit)
208/ 230-3-60	STD	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16.0	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21.0	15.8/19.3	038A00	038A00	038A00	038A00
		104B00,105A00	26.5	19.9/24.3	038A00	038A00	038A00	038A00
	MED	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16.0	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21.0	15.8/19.3	038A00	038A00	038A00	038A00
		104B00,105A00	26.5	19.9/24.3	038A00	038A00	038A00	038A00
	HIGH	102A00	6.5	4.9/6.0	-	-	-	-
		104B00	10.5	7.9/9.6	-	-	-	-
		105A00	16.0	12.0/14.7	037A00	037A00	038A00	038A00
		104B00,104B00	21.0	15.8/19.3	038A00	038A00	038A00	038A00
		104B00,105A00	26.5	19.9/24.3	038A00	038A00	038A00	038A00
460-3-60	STD	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037A00	037A00	037A00	037A00
		108A00,109A00	25.5	23.4	037A00	037A00	037A00	037A00
	MED	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037A00	037A00	037A00	037A00
		108A00,109A00	25.5	23.4	037A00	037A00	037A00	037A00
	HIGH	106A00	6.0	5.5	-	-	-	-
		108A00	11.5	10.6	-	-	-	-
		109A00	14.0	12.9	-	-	-	-
		108A00,108A00	23.0	21.1	037A00	037A00	037A00	037A00
		108A00,109A00	25.5	23.4	037A00	037A00	037A00	037A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
PE.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 08

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	042A00	042A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
	MED	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	042A00	043A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
	HIGH	117A00	10.4	7.8/9.6	042A00	042A00	043A00	043A00
		110A00	16.0	12.0/14.7	043A00	043A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
460-3-60	STD	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	042A00	042A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
	MED	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	042A00	042A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
	HIGH	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	044A00	044A00	044A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
575-3-60	STD	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	042A00	042A00	044A00
	MED	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	042A00	042A00	044A00
	HIGH	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	044A00	044A00	044A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 08

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	042A00	042A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
	MED	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	042A00	043A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
	HIGH	117A00	10.4	7.8/9.6	042A00	042A00	042A00	043A00
		110A00	16.0	12.0/14.7	043A00	043A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
460-3-60	STD	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	042A00	042A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
	MED	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	042A00	042A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
	HIGH	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	044A00	044A00	044A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
575-3-60	STD	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	042A00	042A00	044A00
	MED	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	042A00	042A00	044A00
	HIGH	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	044A00	044A00	044A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 08

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/PE. (pwr fr/unit)	NO P.E.	w/PE. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	042A00	042A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
	MED	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	042A00	043A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
	HIGH	117A00	10.4	7.8/9.6	042A00	042A00	042A00	042A00
		110A00	16.0	12.0/14.7	043A00	043A00	043A00	043A00
		111A00	24.8	18.6/22.8	043A00	043A00	043A00	043A00
		112A00	32.0	24.0/29.4	043A00	043A00	043A00	043A00
		112A00,117A00	42.4	31.8/38.9	045A00	045A00	045A00	045A00
460-3-60	STD	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	042A00	042A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
	MED	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	042A00	042A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
	HIGH	116A00	13.9	12.8	042A00	042A00	042A00	042A00
		113A00	16.5	15.2	042A00	042A00	042A00	042A00
		114A00	27.8	25.5	042A00	042A00	042A00	042A00
		115A00	33.0	30.3	042A00	042A00	044A00	044A00
		114A00,116A00	41.7	38.3	044A00	044A00	044A00	044A00
575-3-60	STD	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	042A00	042A00	044A00
	MED	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	044A00	042A00	044A00
	HIGH	118A00	17.0	17.0	042A00	042A00	042A00	042A00
		119A00	34.0	34.0	042A00	044A00	044A00	044A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 09

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047A00	047A00	047A00	049A00
		110A00	16.0	12.0/14.7	047A00	047A00	049A00	049A00
		111A00	24.8	18.6/22.8	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	047A00	047A00	047A00	049A00
		110A00	16.0	12.0/14.7	047A00	047A00	049A00	049A00
		111A00	24.8	18.6/22.8	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
	HIGH	117A00	10.4	7.8/9.6	047A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		111A00	24.8	18.6/22.8	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		114A00	27.8	25.5	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		114A00	27.8	25.5	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		114A00	27.8	25.5	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 09

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	MED	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	047	047	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
	HIGH	117A00	10.4	7.8/9.6	047	047	047	047
		110A00	16.0	12.0/14.7	049	049	049	049
		111A00	24.8	18.6/22.8	049	049	049	049
		112A00	32.0	24.0/29.4	049	049	049	049
		112A00,117A00	42.4	31.8/38.9	051	051	051	051
460-3-60	STD	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	MED	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	047
		114A00,116A00	41.7	38.3	050	050	050	050
	HIGH	116A00	13.9	12.8	047	047	047	047
		113A00	16.5	15.2	047	047	047	047
		114A00	27.8	25.5	047	047	047	047
		115A00	33.0	30.3	047	047	047	050
		114A00,116A00	41.7	38.3	050	050	050	050
575-3-60	STD	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	MED	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050
	HIGH	118A00	17.0	17.0	047	047	047	047
		119A00	34.0	34.0	047	047	047	050

LEGEND

APP PWR - 208 / 230V / 460V / 575V
 C.O. - Convenience outlet
 FLA - Full load amps
 IFM - Indoor fan motor
 NOM PWR - 240V / 480V / 600V
 P.E. - Power exhaust
 PWRD - Powered convenience outlet
 UNPWRD - Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 09

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 203-3-60	STD	117A00	10.4	7.8/9.6	047A00	047A00	047A00	047A00
		110A00	16.0	12.0/14.7	047A00	047A00	049A00	049A00
		111A00	24.8	18.6/22.8	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	047A00	047A00	047A00	047A00
		110A00	16.0	12.0/14.7	047A00	049A00	049A00	049A00
		111A00	24.8	18.6/22.8	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
	HIGH	117A00	10.4	7.8/9.6	047A00	047A00	047A00	047A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		111A00	24.8	18.6/22.8	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		114A00	27.8	25.5	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		114A00	27.8	25.5	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		114A00	27.8	25.5	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	047A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	047A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 12

ELECTRIC HEAT - ELECTRICAL DATA 1-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047A00	047A00	047A00	049A00
		110A00	16.0	12.0/14.7	047A00	047A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	047A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	HIGH	117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	050A00	050A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	050A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 12

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047A00	047A00	047A00	047A00
		110A00	16.0	12.0/14.7	047A00	047A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	047A00	047A00	047A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	HIGH	117A00	10.4	7.8/9.6	047A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	050A00	050A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	050A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 12

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	047A00	047A00	047A00	047A00
		110A00	16.0	12.0/14.7	047A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	047A00	047A00	047A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	HIGH	117A00	10.4	7.8/9.6	047A00	047A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	050A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	050A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 14

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH.HZ.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
208/ 230-3/60	STD	117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	HIGH	Std Unit Without Heat	-	-	-	-	-	049A00
		117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	050A00	050A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	047A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	050A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
PE.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 14

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
	MED	117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		117A00	10.4	7.8/9.6	049A00	049A00	049A00	049A00
		110A00	16.0	12.0/14.7	049A00	049A00	049A00	049A00
		112A00	32.0	24.0/29.4	049A00	049A00	049A00	049A00
		112A00,117A00	42.4	31.8/38.9	051A00	051A00	051A00	051A00
		112A00,110A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
460-3-60	STD	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	047A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	MED	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	047A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
	HIGH	116A00	13.9	12.8	047A00	047A00	047A00	047A00
		113A00	16.5	15.2	047A00	047A00	047A00	047A00
		115A00	33.0	30.3	047A00	047A00	050A00	050A00
		114A00,116A00	41.7	38.3	050A00	050A00	050A00	050A00
		115A00,113A00	50.0	45.9	050A00	050A00	050A00	050A00
575-3-60	STD	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	MED	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	047A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00
	HIGH	118A00	17.0	17.0	047A00	047A00	047A00	047A00
		119A00	34.0	34.0	047A00	050A00	050A00	050A00
		118A00,119A00	51.0	51.0	050A00	050A00	050A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 16

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 1-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	291A00	16.5	12.4/15.2	049A00	049A00	049A00	049A00
		294A00	33.5	25.2/30.8	049A00	049A00	049A00	049A00
		288A00,294A00	43.5	32.7/40.0	051A00	051A00	051A00	051A00
		291A00,294A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		294A00,294A00	67.0	50.3/61.5	053A00	053A00	053A00	053A00
	MED	291A00	16.5	12.4/15.2	049A00	049A00	049A00	049A00
		294A00	33.5	25.2/30.8	049A00	049A00	049A00	049A00
		288A00,294A00	43.5	32.7/40.0	051A00	051A00	051A00	051A00
		291A00,294A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		294A00,294A00	67.0	50.3/61.5	053A00	053A00	053A00	053A00
	HIGH	291A00	16.5	12.4/15.2	049A00	049A00	049A00	049A00
		294A00	33.5	25.2/30.8	049A00	049A00	049A00	049A00
		288A00,294A00	43.5	32.7/40.0	051A00	051A00	051A00	051A00
		291A00,294A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		294A00,294A00	67.0	50.3/61.5	053A00	053A00	053A00	053A00
460-3-60	STD	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047A00	047A00	047A00	047A00
		289A00,295A00	43.5	40.0	050A00	050A00	050A00	050A00
		292A00,295A00	50.0	45.9	050A00	050A00	050A00	050A00
		295A00,295A00	67.0	61.5	050A00	050A00	050A00	050A00
	MED	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047A00	047A00	047A00	050A00
		289A00,295A00	43.5	40.0	050A00	050A00	050A00	050A00
		292A00,295A00	50.0	45.9	050A00	050A00	050A00	050A00
		295A00,295A00	67.0	61.5	050A00	050A00	050A00	050A00
	HIGH	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	050A00	050A00	050A00	050A00
		289A00,295A00	43.5	40.0	050A00	050A00	050A00	050A00
		292A00,295A00	50.0	45.9	050A00	050A00	050A00	050A00
		295A00,295A00	67.0	61.5	050A00	050A00	050A00	050A00
575-3-60	STD	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047A00	047A00	047A00	047A00
		290A00,296A00	43.5	40.0	047A00	050A00	047A00	050A00
		293A00,296A00	50.0	45.9	047A00	047A00	047A00	047A00
		296A00,296A00	67.0	61.5	050A00	050A00	050A00	050A00
	MED	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047A00	047A00	047A00	047A00
		290A00,296A00	43.5	40.0	047A00	050A00	047A00	050A00
		293A00,296A00	50.0	45.9	047A00	047A00	047A00	047A00
		296A00,296A00	67.0	61.5	050A00	050A00	050A00	050A00
	HIGH	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047A00	047A00	047A00	047A00
		290A00,296A00	43.5	40.0	050A00	050A00	050A00	050A00
		293A00,296A00	50.0	45.9	050A00	050A00	050A00	050A00
		296A00,296A00	67.0	61.5	050A00	050A00	050A00	050A00

LEGEND

APP PWR - 208 / 230V / 460V / 575V
 C.O. - Convenience outlet
 FLA - Full load amps
 IFM - Indoor fan motor
 NOM PWR - 240V / 480V / 600V
 P.E. - Power exhaust
 PWRD - Powered convenience outlet
 UNPWRD - Unpowered convenience outlet

ELECTRICAL INFORMATION

(UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 15 (cont.) - 558J 16

ELECTRIC HEAT - ELECTRICAL DATA 2-STAGE COOLING 2-SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER PART NUMBER CRHEATERXXXXXX	NOM PWR (kW)	APP PWR (kW)	SINGLE POINT KIT PART NUMBER CRSINGLEXXXXXX			
					NO C.O. or UNPWRD C.O.		w/PWRD C.O.	
					NO P.E.	w/P.E. (pwr fr/unit)	NO P.E.	w/P.E. (pwr fr/unit)
208/ 230-3-60	STD	291A00	16.5	12.4/15.2	049A00	049A00	049A00	049A00
		294A00	33.5	25.2/30.8	049A00	049A00	049A00	049A00
		288A00,294A00	43.5	32.7/40.0	051A00	051A00	051A00	051A00
		291A00,294A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		294A00,294A00	67.0	50.3/61.5	053A00	053A00	053A00	053A00
	MED	291A00	16.5	12.4/15.2	049A00	049A00	049A00	049A00
		294A00	33.5	25.2/30.8	049A00	049A00	049A00	049A00
		288A00,294A00	43.5	32.7/40.0	051A00	051A00	051A00	051A00
		291A00,294A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		294A00,294A00	67.0	50.3/61.5	053A00	053A00	053A00	053A00
	HIGH	291A00	16.5	12.4/15.2	049A00	049A00	049A00	049A00
		294A00	33.5	25.2/30.8	049A00	049A00	049A00	049A00
		288A00,294A00	43.5	32.7/40.0	051A00	051A00	051A00	051A00
		291A00,294A00	50.0	37.6/45.9	051A00	051A00	051A00	051A00
		294A00,294A00	67.0	50.3/61.5	053A00	053A00	053A00	053A00
460-3-60	STD	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047A00	047A00	047A00	050A00
		289A00,295A00	43.5	40.0	050A00	050A00	050A00	050A00
		292A00,295A00	50.0	45.9	050A00	050A00	050A00	050A00
		295A00,295A00	67.0	61.5	050A00	050A00	050A00	050A00
	MED	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	047A00	047A00	047A00	050A00
		289A00,295A00	43.5	40.0	050A00	050A00	050A00	050A00
		292A00,295A00	50.0	45.9	050A00	050A00	050A00	050A00
		295A00,295A00	67.0	61.5	050A00	050A00	050A00	050A00
	HIGH	292A00	16.5	15.2	-	-	-	-
		295A00	33.5	30.8	050A00	050A00	050A00	050A00
		289A00,295A00	43.5	40.0	050A00	050A00	050A00	050A00
		292A00,295A00	50.0	45.9	050A00	050A00	050A00	050A00
		295A00,295A00	67.0	61.5	050A00	050A00	050A00	050A00
575-3-60	STD	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047A00	047A00	047A00	047A00
		290A00,296A00	43.5	40.0	047A00	050A00	047A00	050A00
		293A00,296A00	50.0	45.9	047A00	047A00	047A00	050A00
		296A00,296A00	67.0	61.5	050A00	050A00	050A00	050A00
	MED	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047A00	047A00	047A00	047A00
		290A00,296A00	43.5	40.0	047A00	050A00	047A00	050A00
		293A00,296A00	50.0	45.9	047A00	047A00	047A00	050A00
		296A00,296A00	67.0	61.5	050A00	050A00	050A00	050A00
	HIGH	293A00	16.5	15.2	-	-	-	-
		296A00	33.5	30.8	047A00	047A00	047A00	047A00
		290A00,296A00	43.5	40.0	050A00	050A00	050A00	050A00
		293A00,296A00	50.0	45.9	050A00	050A00	050A00	050A00
		296A00,296A00	67.0	61.5	050A00	050A00	050A00	050A00

LEGEND

APP PWR	- 208 / 230V / 460V / 575V
C.O.	- Convenience outlet
FLA	- Full load amps
IFM	- Indoor fan motor
NOM PWR	- 240V / 480V / 600V
P.E.	- Power exhaust
PWRD	- Powered convenience outlet
UNPWRD	- Unpowered convenience outlet

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 16 – 558J 04 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER				NO C.O. or UNPWR C.O.						NO PE.						W/ PWRD C.O.					
		Nom* (kW)	FLA	NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)				
				MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR					
208/ 230-1-60	STD	None	None	40	27.2	26	95	95/95	29.1	45	29	97	97/97	32	32	100	33.9	50	34	102			
		3.3/4.4	15.9/18.3	40/40	27.2/29.0	26/27	95/95	95/95	29.1/31.4	45/45	29/29	97/97	97/97	32.0/35.0	45/45	32/32	100/100	34.4/37.4	50/50	34/34	102/102		
		4.9/6.5	23.5/27.1	40/45	35.5/40.0	33/37	95/95	95/95	37.9/42.4	45/45	35/39	97/97	97/97	41.5/46.0	45/50	38/42	100/100	43.9/48.4	50/50	40/45	102/102		
		6.5/8.7	31.4/36.3	50/60	45.4/51.5	42/47	95/95	95/95	47.8/53.9	50/60	44/50	97/97	97/97	51.4/57.5	60/60	47/53	100/100	53.8/59.9	60/60	49/55	102/102		
	7.9/10.5	37.9/43.8	60/70	53.5/60.9	49/56	95/95	95/95	55.9/63.3	60/70	51/58	97/97	97/97	59.5/66.9	60/70	55/62	100/100	61.9/69.3	70/70	57/64	102/102			
	9.8/13.0	46.9/54.2	70/80	64.8/73.9	60/68	95/95	95/95	67.1/76.3	70/80	62/70	97/97	97/97	70.8/79.9	80/80	65/73	100/100	73.1/82.3	80/90	67/76	102/102			
	None	None	40	27.2	26	95	95/95	29.1	45	29	97	97/97	32	32	100	33.9	50	34	102				
	3.3/4.4	15.9/18.3	40/40	27.2/29.0	26/27	95/95	95/95	29.1/31.4	45/45	29/29	97/97	97/97	32.0/35.0	45/45	32/32	100/100	34.4/37.4	50/50	34/34	102/102			
	4.9/6.5	23.5/27.1	40/45	35.5/40.0	33/37	95/95	95/95	37.9/42.4	45/45	35/39	97/97	97/97	41.5/46.0	45/50	38/42	100/100	43.9/48.4	50/50	40/45	102/102			
	6.5/8.7	31.4/36.3	50/60	45.4/51.5	42/47	95/95	95/95	47.8/53.9	50/60	44/50	97/97	97/97	51.4/57.5	60/60	47/53	100/100	53.8/59.9	60/60	49/55	102/102			
208/ 230-3-60	STD	None	None	25	19.4	19	89	89/89	21.3	30	22	91	91/91	24.2	30	25	94	94	27	96			
		3.3/4.4	9.2/10.6	25/25	19.4/19.4	19/19	89/89	89/89	21.3/21.8	30/30	22/22	91/91	91/91	24.2/25.4	30/30	25/25	94/94	94/94	27/27	96/96			
		4.9/6.5	13.6/15.6	30/35	23.1/25.6	21/24	89/89	89/89	25.5/28.0	30/30	23/26	91/91	91/91	29.1/31.6	30/35	27/29	94/94	94/94	29/31	96/96			
		6.5/8.7	18.1/20.9	30/35	28.8/32.3	26/30	89/89	89/89	31.1/34.6	35/35	29/32	91/91	91/91	34.8/38.3	35/40	32/35	94/94	94/94	37.1/40.6	40/45	34/37		
	7.9/10.5	21.9/25.3	35/40	33.5/37.8	31/35	89/89	89/89	35.9/40.1	40/45	33/37	91/91	91/91	39.5/43.8	40/45	36/40	94/94	94/94	41.9/46.1	45/50	39/42			
	12.0/16.0	33.4/38.5	50/60	47.9/54.3	44/50	89/89	89/89	50.3/56.6	60/60	46/52	91/91	91/91	53.9/60.3	60/70	50/55	94/94	94/94	56.3/62.6	60/70	52/58			
	None	None	30	19.7	20	107	107/107	21.6	30	22	109	109/109	24.5	30	25	112	112	26.4	30	27			
	3.3/4.4	9.2/10.6	30/30	19.7/19.8	20/20	107/107	107/107	21.6/22.1	30/30	22/22	109/109	109/109	24.5/25.8	30/30	25/25	112/112	112/112	26.4/28.1	30/30	27/27			
	4.9/6.5	13.6/15.6	30/30	23.5/26.0	22/24	107/107	107/107	25.9/28.4	30/30	24/26	109/109	109/109	29.5/32.0	30/35	27/29	112/112	112/112	31.9/34.4	35/35	29/32			
	6.5/8.7	18.1/20.9	30/35	29.1/32.6	27/30	107/107	107/107	31.5/35.0	35/40	29/32	109/109	109/109	35.1/38.6	40/40	32/36	112/112	112/112	37.5/41.0	40/45	35/38			
7.9/10.5	21.9/25.3	35/40	33.9/38.1	31/35	107/107	107/107	36.3/40.5	40/45	33/37	109/109	109/109	39.9/44.1	40/45	37/41	112/112	112/112	42.3/46.5	45/50	39/43				
12.0/16.0	33.4/38.5	50/60	48.3/54.6	44/50	107/107	107/107	50.6/57.0	60/60	47/52	109/109	109/109	54.3/60.6	60/70	50/56	112/112	112/112	56.6/63.0	60/70	52/58				
460-3-60	STD	None	None	15	10.2	10	46	46	11.2	15	11	47	47	12.4	15	13	48	48	13.4	15			
		6.0	7.2	15	11.6	11	46	46	12.9	15	12	47	47	14.4	15	13	48	48	15.6	20			
		8.8	10.6	20	15.9	15	46	46	17.1	20	16	47	47	18.6	20	17	48	48	19.9	20			
		11.5	13.8	20	19.9	18	46	46	21.1	25	19	47	47	22.6	25	21	48	48	23.9	25			
	14.0	16.8	25	23.6	22	46	46	24.9	25	23	47	47	26.4	30	24	48	48	27.6	30				
	None	None	15	10.2	10	46	46	11.2	15	11	47	47	12.4	15	13	48	48	13.4	15				
	6.0	7.2	15	11.6	11	46	46	12.9	15	12	47	47	14.4	15	13	48	48	15.6	20				
	8.8	10.6	20	15.9	15	46	46	17.1	20	16	47	47	18.6	20	17	48	48	19.9	20				
	11.5	13.8	20	19.9	18	46	46	21.1	25	19	47	47	22.6	25	21	48	48	23.9	25				
	14.0	16.8	25	23.6	22	46	46	24.9	25	23	47	47	26.4	30	24	48	48	27.6	30				
575-3-60	STD	None	None	15	10.7	11	55	55	11.7	15	12	56	56	12.9	15	13	57	57	13.9	20			
		6.0	7.2	15	12.3	11	55	55	13.5	15	12	56	56	15.0	15	14	57	57	16.3	20			
		8.8	10.6	20	16.5	15	55	55	17.8	20	16	56	56	19.3	20	18	57	57	20.5	25			
		11.5	13.8	25	20.5	19	55	55	21.8	25	20	56	56	23.3	25	21	57	57	24.5	25			
	14.0	16.8	25	24.3	22	55	55	25.5	30	23	56	56	27.0	30	25	57	57	28.3	30				
	None	None	15	7.3	7	44	44	9.2	15	9	46	46	9	15	9	46	46	10.9	15				
	None	None	15	7.3	7	44	44	9.2	15	9	46	46	9	15	9	46	46	10.9	15				
	None	None	15	7.4	7	50	50	9.3	15	10	52	52	9.1	15	9	52	52	11	15				
	None	None	15	7.4	7	50	50	9.3	15	10	52	52	9.1	15	9	52	52	11	15				
	None	None	15	7.4	7	50	50	9.3	15	10	52	52	9.1	15	9	52	52	11	15				

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 17 – 55&J 05 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER			NO C.O. or UNPWR C.O.						W/ PWR C.O.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Nom* (kW)	FLA	NO PE.			w/ P.E. (pwrdr fr/unit)			NO PE.			w/ P.E. (pwrdr fr/unit)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 18 – 55&J 06 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-Ph-Hz.	IFM TYPE	ELECTRIC HEATER			NO C.O. or UNPWR C.O.						W/PWR C.O.									
		Nom* (kW)	FLA	MCA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)						
					MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	
208/ 230-1-60	STD	None	None	39.2	60	37	150	41.1	60	40	152	44	60	43	155	45.9	60	45	157	
		4.9/6.5	23.5/27.1	39.2/40.0	60/60	37/37	150/150	41.1/42.4	60/60	40/40	152/152	44.0/46.0	60/60	43/43	155/155	45.9/48.4	60/60	45/45	157/157	
		6.5/8.7	31.4/36.3	45.4/51.5	60/60	42/47	150/150	47.8/53.9	60/60	44/50	152/152	51.4/57.5	60/60	47/53	155/155	53.8/59.9	60/60	49/55	157/157	
		9.8/13.0	46.9/54.2	64.8/73.9	70/80	60/68	150/150	67.1/76.3	70/80	62/70	152/152	70.8/79.9	80/80	65/73	155/155	73.1/82.3	80/90	67/76	157/157	
		13.1/17.4	62.8/72.5	84.6/96.8	90/100	78/89	150/150	87.0/99.1	90/100	80/91	152/152	90.6/102.8	100/110	83/95	155/155	93.0/105.1	100/110	86/97	157/157	
	208/ 230-1-60	MED	None	None	100.9/115.5	110/125	93/106	150/150	103.3/117.9	95/108	152/152	106.9/121.5	110/125	96/112	155/155	109.3/123.9	110/125	110/114	157/157	
	4.9/6.5		23.5/27.1	41.3/42.6	60/60	40/40	175	43.2	60	42	177	46.1/48.6	60	45	180	48	60	182		
	6.5/8.7		31.4/36.3	48.0/54.1	60/60	44/50	175/175	50.4/56.5	60/60	46/52	177/177	54.0/60.1	60/60	45/45	180/180	48.0/51.0	60/60	48/48	182/182	
	9.8/13.0		46.9/54.2	67.4/76.5	70/80	62/70	175/175	69.8/78.9	70/80	64/73	177/177	73.4/82.5	80/80	50/55	180/180	56.4/62.5	80/70	52/58	182/182	
	13.1/17.4		62.8/72.5	87.3/99.4	90/100	80/91	175/175	89.6/101.8	90/110	82/94	177/177	93.3/105.4	100/110	86/97	180/180	95.6/107.8	100/110	88/99	182/182	
208/ 230-3-60	STD	None	None	25.9	30	25	126	27.8	40	27	128	30.7	40	31	131	32.6	45	33	133	
		4.9/6.5	13.6/15.6	25.9/25.9	30/30	25/25	126/126	27.8/28.0	40/40	27/27	128/128	30.7/31.6	45/45	31/31	131/131	32.6/34.0	45/45	33/33	133/133	
		7.9/10.5	21.9/25.3	33.5/37.8	40/40	31/35	126/126	35.9/40.1	40/45	33/37	128/128	39.5/43.8	45/45	36/40	131/131	41.9/46.1	45/50	39/42	133/133	
		12.0/16.0	33.4/38.5	47.9/54.3	50/60	44/50	126/126	50.3/56.6	60/60	46/52	128/128	53.9/60.3	60/70	50/55	131/131	56.3/62.6	60/70	52/58	133/133	
		15.8/21.0	43.8/50.5	60.9/69.3	70/70	56/64	126/126	63.3/71.6	70/80	58/66	128/128	66.9/75.3	70/80	62/69	131/131	69.3/77.6	70/80	64/71	133/133	
	208/ 230-3-60	MED	None	None	75.1/85.9	80/90	69/79	126/126	77.5/88.3	80/90	71/81	128/128	81.1/91.9	90/100	75/85	83.5/94.3	90/100	77/87	133/133	
	4.9/6.5		13.6/15.6	26.2/26.2	40/40	26	144	28.1	40	28	146	31	45	31	149	32.9	45	33	151	
	7.9/10.5		21.9/25.3	33.9/38.1	40/40	31/35	144/144	36.3/40.5	40/45	33/37	146/146	39.9/44.1	45/45	37/41	149/149	42.3/46.5	45/50	39/43	151/151	
	12.0/16.0		33.4/38.5	48.3/54.6	50/60	44/50	144/144	50.6/57.0	60/60	47/52	146/146	54.3/60.6	60/70	50/56	149/149	56.6/63.0	60/70	52/58	151/151	
	15.8/21.0		43.8/50.5	61.3/69.6	70/70	56/64	144/144	63.6/72.0	70/80	59/66	146/146	67.3/75.6	70/80	62/70	149/149	69.6/78.0	70/80	64/72	151/151	
460-3-60	HIGH	None	None	75.5/86.3	80/90	69/79	144/144	77.9/88.6	80/90	72/82	146/146	81.5/92.3	90/100	75/85	83.9/94.6	90/100	77/87	151/151		
		4.9/6.5	13.6/15.6	28.5/28.9	40/40	28	170	30.4	45	30	172	33.3	45	34	175	35.2	50	36	177	
		7.9/10.5	21.9/25.3	36.8/41.0	40/45	34/38	170/170	39.1/43.4	45/45	36/40	172/172	42.8/47.0	45/50	39/43	175/175	45.1/49.4	50/50	36/36	177/177	
		12.0/16.0	33.4/38.5	51.1/57.5	60/60	47/53	170/170	53.5/59.9	60/60	49/55	172/172	57.1/63.5	60/70	53/58	175/175	59.5/65.9	60/70	55/61	177/177	
		15.8/21.0	43.8/50.5	64.1/72.5	70/80	59/67	170/170	66.5/74.9	70/80	61/69	172/172	70.1/78.5	80/80	65/72	175/175	72.5/80.9	80/90	67/74	177/177	
	460-3-60	MED	None	None	78.4/89.1	80/90	72/82	170/170	80.8/91.5	90/100	74/84	84.4/95.1	90/100	78/88	175/175	86.8/97.5	90/100	80/90	177/177	
	4.9/6.5		13.6/15.6	28.5/28.9	40/40	28	170	30.4	45	30	172	33.3	45	34	175	35.2	50	36	177	
	7.9/10.5		21.9/25.3	36.8/41.0	40/45	34/38	170/170	39.1/43.4	45/45	36/40	172/172	42.8/47.0	45/50	39/43	175/175	45.1/49.4	50/50	36/36	177/177	
	12.0/16.0		33.4/38.5	51.1/57.5	60/60	47/53	170/170	53.5/59.9	60/60	49/55	172/172	57.1/63.5	60/70	53/58	175/175	59.5/65.9	60/70	55/61	177/177	
	15.8/21.0		43.8/50.5	64.1/72.5	70/80	59/67	170/170	66.5/74.9	70/80	61/69	172/172	70.1/78.5	80/80	65/72	175/175	72.5/80.9	80/90	67/74	177/177	
575-3-60	STD	None	None	12.5	20	12	60	13.5	20	13	61	14.7	20	15	62	15.7	20	16	63	
		6.0	7.2	12.5	20	12	60	13.5	20	13	61	14.7	20	15	62	15.7	20	16	63	
		11.5	13.8	19.9	20	18	60	21.1	25	19	61	22.6	25	21	62	23.9	25	22	63	
		14.0	16.8	23.6	25	22	60	24.9	30	23	61	26.4	30	24	62	27.6	30	25	63	
		23.0	27.7	37.3	40	34	60	38.5	40	35	61	40.0	45	37	62	41.3	45	38	63	
	575-3-60	MED	None	None	41.0	45	38	60	42.3	45	39	61	43.8	45	40	62	45.0	50	41	63
	4.9/6.5		13.6/15.6	28.5/28.9	40/40	28	170	30.4	45	30	172	33.3	45	34	175	35.2	50	36	177	
	7.9/10.5		21.9/25.3	36.8/41.0	40/45	34/38	170/170	39.1/43.4	45/45	36/40	172/172	42.8/47.0	45/50	39/43	175/175	45.1/49.4	50/50	36/36	177/177	
	12.0/16.0		33.4/38.5	51.1/57.5	60/60	47/53	170/170	53.5/59.9	60/60	49/55	172/172	57.1/63.5	60/70	53/58	175/175	59.5/65.9	60/70	55/61	177/177	
	15.8/21.0		43.8/50.5	64.1/72.5	70/80	59/67	170/170	66.5/74.9	70/80	61/69	172/172	70.1/78.5	80/80	65/72	175/175	72.5/80.9	80/90	67/74	177/177	
575-3-60	HIGH	None	None	78.4/89.1	80/90	72/82	170/170	80.8/91.5	90/100	74/84	84.4/95.1	90/100	78/88	175/175	86.8/97.5	90/100	80/90	177/177		
		4.9/6.5	13.6/15.6	28.5/28.9	40/40	28	170	30.4	45	30	172	33.3	45	34	175	35.2	50	36	177	
		7.9/10.5	21.9/25.3	36.8/41.0	40/45	34/38	170/170	39.1/43.4	45/45	36/40	172/172	42.8/47.0	45/50	39/43	175/175	45.1/49.4	50/50	36/36	177/177	
		12.0/16.0	33.4/38.5	51.1/57.5	60/60	47/53	170/170	53.5/59.9	60/60	49/55	172/172	57.1/63.5	60/70	53/58	175/175	59.5/65.9	60/70	55/61	177/177	
		15.8/21.0	43.8/50.5	64.1/72.5	70/80	59/67	170/170	66.5/74.9	70/80	61/69	172/172	70.1/78.5	80/80	65/72	175/175	72.5/80.9	80/90	67/74	177/177	
	575-3-60	STD	None	None	12.5	20	12	60	13.5	20	13	61	14.7	20	15	62	15.7	20	16	63
	6.0		7.2	12.5	20	12	60	13.5	20	13	61	14.7	20	15	62	15.7	20	16	63	
	11.5		13.8	19.9	20	18	60	21.1	25	19	61	22.6	25	21	62	23.9	25	22	63	
	14.0		16.8	23.6	25	22	60	24.9	30	23	61	26.4	30	24	62	27.6	30	25	63	
	23.0		27.7	37.3	40	34	60	38.5	40	35	61	40.0	45	37	62	41.3	45	38	63	
575-3-60	HIGH	None	None	41.0	45	38	60	42.3	45	39	61	43.8	45	40	62	45.0	50	41	63	
4.9/6.5		13.6/15.6	28.5/28.9	40/40	28	170	30.4	45	30	172	33.3	45	34	175	35.2	50	36	177		
7.9/10.5		21.9/25.3	36.8/41.0	40/45	34/38	170/170	39.1/43.4	45/45	36/40	172/172	42.8/47.0	45/50	39/43	175/175	45.1/49.4	50/50	36/36	177/177		
12.0/16.0		33.4/38.5	51.1/57.5	60/60	47/53	170/170	53.5/59.9	60/60	49/55	172/172	57.1/63.5	60/70	53/58	175/175	59.5/65.9	60/70	55/61	177/177		
15.8/21.0		43.8/50.5	64.1/72.5	70/80	59/67	170/170	66.5/74.9	70/80	61/69	172/172	70.1/78.5	80/80	65/72	175/175	72.5/80.9	80/90	67/74	177/177		

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 19 – 55&J 07 **UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR**

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER		NO C.O. or UNPWR C.O.				W/ PWRD C.O.			
		Nom* (kW)	FLA	NO PE.		w/ P.E. (pwrd fr/unit)		NO PE.		w/ P.E. (pwrd fr/unit)	
				MAX FUSE or HACR BRKR	DISC. SIZE	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR
				FLA	FLA	LRA	FLA	FLA	LRA	FLA	LRA
208/ 230-3-60	STD	None	None	45	30	157	32	50	35.3	35	162
		4.9/6.5	13.6/15.6	45/45	30/30	157/157	32/32	50/50	35.3/35.3	35/35	162/162
		7.9/10.5	21.9/25.3	45/45	31/35	157/157	33/37	50/50	39.9/44.1	37/41	162/162
		12.0/16.0	33.4/38.5	50/60	44/50	157/157	47/52	60/60	54.3/60.6	50/56	162/162
		15.8/21.0	43.8/50.5	70/70	56/64	157/157	59/66	70/80	67.3/75.6	62/70	162/162
	MED	19.9/26.5	55.2/63.8	80/90	69/79	157/157	72/82	80/90	81.5/92.3	75/85	162/162
		None	None	50	32	183	34	50	37.6	38	188
		4.9/6.5	13.6/15.6	50/50	32/32	183/183	34/34	50/50	37.6/37.6	38/38	188/188
		7.9/10.5	21.9/25.3	50/50	34/38	183/183	36/40	50/50	42.8/47.0	39/43	188/188
		12.0/16.0	33.4/38.5	60/60	47/53	183/183	49/55	60/60	57.1/63.5	53/58	188/188
460-3-60	HIGH	15.8/21.0	43.8/50.5	70/80	59/67	183/183	61/69	70/80	70.1/78.5	65/72	188/188
		19.9/26.5	55.2/63.8	80/90	72/82	183/183	74/84	90/100	84.4/95.1	78/88	188/188
		None	None	50	32	183	34	50	37.6	38	188
		4.9/6.5	13.6/15.6	50/50	32/32	183/183	34/34	50/50	37.6/37.6	38/38	188/188
		7.9/10.5	21.9/25.3	50/50	34/38	183/183	36/40	50/50	42.8/47.0	39/43	188/188
	STD	12.0/16.0	33.4/38.5	60/60	47/53	183/183	49/55	60/60	57.1/63.5	53/58	188/188
		15.8/21.0	43.8/50.5	70/80	59/67	183/183	61/69	70/80	70.1/78.5	65/72	188/188
		19.9/26.5	55.2/63.8	80/90	72/82	183/183	74/84	90/100	84.4/95.1	78/88	188/188
		None	None	25	15	79	16	25	17.7	18	81
		6.0	7.2	25	15	79	16	25	17.7	18	81
575-3-60	MED	11.5	13.8	25	19	79	20	25	23.3	21	81
		14.0	16.8	25	22	79	23	30	27.0	25	81
		23.0	27.7	40	35	79	36	40	40.6	37	81
		25.5	30.7	45	38	79	39	45	44.4	41	81
		None	None	25	16	92	17	25	18.5	19	94
	HIGH	6.0	7.2	25	16	92	17	25	18.5	19	94
		11.5	13.8	25	20	92	21	25	24.3	22	94
		14.0	16.8	30	23	92	24	30	28.0	26	94
		23.0	27.7	40	36	92	37	45	41.6	38	94
		25.5	30.7	45	39	92	40	50	45.4	42	94
575-3-60	STD	None	None	25	17	101	18	25	19.5	20	103
		6.0	7.2	25	17	101	18	25	19.5	20	103
		11.5	13.8	25	21	101	22	25	25.5	23	103
		14.0	16.8	30	24	101	26	30	29.3	27	103
		23.0	27.7	45	37	101	38	45	42.9	39	103
	MED	25.5	30.7	45	40	101	42	50	46.6	43	103
		None	None	15	12	63	14	20	13.6	13	65
		None	None	20	12	74	15	20	14.4	14	76
		None	None	20	12	74	15	20	14.4	14	76
		None	None	20	12	74	15	20	14.4	14	76

* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 20 – 55&J 08 **UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR**

NOM. V-PH-Hz.	ELECTRIC HEATER			NO C.O. or UNPWR C.O.						W/PWRD C.O.								
	IFM TYPE	Nom* (kW)	FLA	NO P.E.			w/ P.E. (pwrdr fr/unit)			NO P.E.			w/ P.E. (pwrdr fr/unit)					
				MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA
208/ 230-3-60	STD	None	None	39.5	60	38	191	43.3	60	43	195	44.3	60	44	196	48.1	48	200
		7.8/10.4	21.7/25.0	39.5/39.5	60/60	38/38	191/191	43.3/43.3	60/60	43/43	195/195	44.3/44.3	60/60	44/44	196/196	48.1/48.5	48/48	200/200
		12.0/16.0	33.4/38.5	48.3/54.6	60/60	44/50	191/191	53.0/59.4	60/60	49/55	195/195	54.3/60.6	60/60	50/56	196/196	59.0/65.4	50/60	200/200
		18.6/24.8	51.7/59.7	71.1/81.1	80/90	65/75	191/191	75.9/85.9	80/90	70/79	195/195	77.1/87.1	80/90	71/80	196/196	81.9/91.9	75/85	200/200
		24.0/32.0	66.7/77.0	89.9/102.8	90/110	83/95	191/191	94.6/107.5	100/110	87/99	195/195	95.9/108.8	100/110	88/100	196/196	100.6/113.5	93/104	200/200
	31.8/42.4	88.4/102.0	117.0/134.0	125/150	108/123	191/191	121.8/138.8	125/150	112/128	195/195	123.0/140.0	125/150	113/129	196/196	127.8/144.8	118/133	200/200	
	MED	None	None	41.8	60	41	228/228	45.6/45.6	60	45	232	46.6/46.6	60	46	233	50.4	51	237
		7.8/10.4	21.7/25.0	41.8/41.8	60/60	41/41	228/228	45.6/45.6	60/60	45/45	232/232	46.6/46.6	60/60	46/46	233/233	50.4/51.4	51/51	237/237
		12.0/16.0	33.4/38.5	51.1/57.5	60/60	47/53	228/228	55.9/62.3	60/70	51/57	232/232	57.1/63.5	60/70	53/58	233/233	61.9/68.3	57/63	237/237
		18.6/24.8	51.7/59.7	74.0/84.0	80/90	68/77	228/228	78.8/88.8	80/90	72/82	232/232	80.0/90.0	90/100	74/83	233/233	84.8/94.8	78/87	237/237
24.0/32.0		66.7/77.0	92.8/105.6	100/110	85/97	228/228	97.5/110.4	100/125	90/102	232/232	98.8/111.6	100/125	91/103	233/233	103.5/116.4	95/107	237/237	
31.8/42.4	88.4/102.0	119.9/136.9	125/150	110/126	228/228	124.6/141.6	125/150	115/130	232/232	125.9/142.9	150/175	116/131	233/233	130.6/147.6	150/150	237/237		
460-3-60	HIGH	None	None	49.3	60	49	254	53.1	60	54	258	54.1/54.8	60	55	259	57.9	59	263
		7.8/10.4	21.7/25.0	49.3/50.0	60/60	49/49	254/254	53.1/54.8	60/60	54/54	258/258	54.1/56.0	70/70	55/55	259/259	57.9/60.8	59/59	263/263
		12.0/16.0	33.4/38.5	60.5/66.9	70/70	56/62	254/254	65.3/71.6	70/80	60/66	258/258	66.5/72.9	70/80	61/67	259/259	71.3/77.6	66/71	263/263
		18.6/24.8	51.7/59.7	83.4/93.4	90/100	77/86	254/254	88.1/98.1	90/100	81/90	258/258	89.4/99.4	90/100	82/91	259/259	94.1/104.1	87/96	263/263
		24.0/32.0	66.7/77.0	102.1/115.0	110/125	94/106	254/254	106.9/119.8	110/125	98/110	258/258	108.1/121.0	110/125	99/111	259/259	112.9/125.8	104/116	263/263
	31.8/42.4	88.4/102.0	129.3/146.3	150/150	119/135	254/254	134.0/151.0	150/175	123/139	258/258	135.3/152.3	150/175	124/140	259/259	140.0/157.0	129/144	263/263	
	STD	None	None	19.5	30	19	113	21.3	30	21	115	21.7	30	21	115	23.5	23	117
		13.9	16.7	24.1	30	22	113	26.4	30	24	115	26.9	30	25	115	29.1	30	117
		16.5	19.8	28.0	30	26	113	30.3	35	28	115	30.8	35	28	115	33.0	30	117
		27.8	33.4	45.0	50	41	113	47.3	50	43	115	47.8	50	44	115	50.0	46	117
33.0		39.7	52.9	60	49	113	55.1	60	51	115	55.6	60	51	115	57.9	60	117	
41.7	50.2	66.0	70	61	113	68.3	70	63	115	68.8	70	63	115	71.0	65	117		
575-3-60	MED	None	None	20.3	30	20	132	22.1	30	22	134	22.5	30	22	134	24.3	24	136
		13.9	16.7	25.1	30	23	132	27.4	30	25	134	27.9	30	26	134	30.1	28	136
		16.5	19.8	29.0	30	27	132	31.3	35	29	134	31.8	35	29	134	34.0	31	136
		27.8	33.4	46.0	50	42	132	48.3	50	44	134	48.8	50	45	134	51.0	47	136
		33.0	39.7	53.9	60	50	132	56.1	60	52	134	56.6	60	52	134	58.9	54	136
	41.7	50.2	67.0	70	62	132	69.3	70	64	134	69.8	70	64	134	72.0	66	136	
	HIGH	None	None	24.3	30	24	145	26.1	30	26	147	26.5	30	27	147	28.3	29	149
		13.9	16.7	30.1	35	28	145	32.4	35	30	147	32.9	35	30	147	35.1	32	149
		16.5	19.8	34.0	35	31	145	36.3	40	33	147	36.8	40	34	147	39.0	36	149
		27.8	33.4	51.0	60	47	145	53.3	60	49	147	53.8	60	49	147	56.0	60	149
33.0		39.7	58.9	60	54	145	61.1	70	56	147	61.6	70	57	147	63.9	70	149	
41.7	50.2	72.0	80	66	145	74.3	80	68	147	74.8	80	69	147	77.0	80	149		
575-3-60	STD	None	None	14.9	20	14	89	18.7	25	19	93	16.6	25	16	91	20.4	21	95
		17.0	20.4	28.5	30	26	89	33.3	35	31	93	30.6	35	28	91	35.4	33	95
		34.0	40.9	54.1	60	50	89	58.9	60	54	93	56.3	60	52	91	61.0	56	95
		None	None	15.3	20	15	104	19.1	25	19	108	17	25	17	106	20.8	21	110
		17.0	20.4	29.0	30	27	104	33.8	35	31	108	31.1	35	29	106	35.9	40	110
	34.0	40.9	54.6	60	50	104	59.4	60	55	108	56.8	60	52	106	61.5	57	110	
	HIGH	None	None	18.1	25	18	118	21.9	30	23	122	19.8	25	20	120	23.6	24	124
		17.0	20.4	32.5	35	30	118	37.3	40	34	122	34.6	35	32	120	39.4	36	124
		34.0	40.9	58.1	60	53	118	62.9	70	58	122	60.3	70	55	120	65.0	60	124
		None	None	18.1	25	18	118	21.9	30	23	122	19.8	25	20	120	23.6	24	124
17.0		20.4	32.5	35	30	118	37.3	40	34	122	34.6	35	32	120	39.4	36	124	

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 21 – 55&J 08 **UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR**

NOM. V–PH–Hz.	ELECTRIC HEATER		NO C.O. or UNPWR C.O.						W/ PWR C.O.						W/ PWRD C.O.					
	IFM TYPE	Nom* (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)			w/ P.E. (pwrd fr/unit)				
				MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA					
STD	–	–	–	50	41	193	45	42.6	50	43.6	46	198	47.4	60	51	202				
	7.8/10.4	21.7/25.0	38.8/38.8	50/50	41/41	193/193	45/45	42.6/42.6	50/50	43.6/43.6	46/46	198/198	47.4/48.5	60/60	51/51	202/202				
	12.0/16.0	33.4/38.5	48.3/54.6	50/60	44/50	193/193	49/55	53.0/59.4	60/60	54.3/60.6	50/56	198/198	59.0/65.4	60/70	54/60	202/202				
	18.6/24.8	51.7/59.7	71.1/81.1	80/90	65/75	193/193	70/79	75.9/85.9	80/90	77.1/87.1	80/90	198/198	81.9/91.9	90/100	75/85	202/202				
	24.0/32.0	66.7/77.0	89.9/102.8	90/110	83/95	193/193	87/99	94.6/107.5	100/110	95.9/108.8	88/100	198/198	100.6/113.5	110/125	93/104	202/202				
208/ 230–3–60	31.8/42.4	88.4/102.0	117.0/134.0	125/150	108/123	193/193	112/128	121.8/138.8	125/150	123.0/140.0	113/129	198/198	127.8/144.8	150/150	118/133	202/202				
	–	–	41.1	50	43	230	48	44.9	50	45.9	49	235	49.7	60	53	239				
	7.8/10.4	21.7/25.0	41.1/41.1	50/50	43/43	230/230	48/48	44.9/45.4	50/50	45.9/46.6	49/49	235/235	49.7/51.4	60/60	53/53	239/239				
	12.0/16.0	33.4/38.5	51.1/57.5	60/60	47/53	230/230	51/57	55.9/62.3	60/70	57.1/63.5	53/58	235/235	61.9/68.3	70/70	57/63	239/239				
	18.6/24.8	51.7/59.7	74.0/84.0	80/90	68/77	230/230	72/82	78.8/88.8	80/90	80.0/90.0	74/83	235/235	84.8/94.8	90/100	78/87	239/239				
HIGH	24.0/32.0	66.7/77.0	92.8/105.6	100/110	85/97	230/230	90/102	97.5/110.4	100/125	98.8/111.6	91/103	235/235	103.5/116.4	110/125	95/107	239/239				
	31.8/42.4	88.4/102.0	119.9/136.9	125/150	110/126	230/230	115/130	124.6/141.6	125/150	125.9/142.9	116/131	235/235	130.6/147.6	150/150	120/136	239/239				
	–	–	49.0	60	52	256	56	52.8	60	53.8	58	261	57.6	70	62	265				
	7.8/10.4	21.7/25.0	49.0/50.0	60/60	52/52	256/256	56/56	52.8/54.8	60/60	53.8/56.0	58/58	261/261	57.6/60.8	70/70	62/62	265/265				
	12.0/16.0	33.4/38.5	60.5/66.9	70/70	56/62	256/256	60/66	65.3/71.6	70/80	66.5/72.9	61/67	261/261	71.3/77.6	80/80	66/71	265/265				
460–3–60	18.6/24.8	51.7/59.7	83.4/93.4	90/100	77/86	256/256	81/90	88.1/98.1	90/100	89.4/99.4	82/91	261/261	94.1/104.1	100/110	87/96	265/265				
	24.0/32.0	66.7/77.0	102.1/115.0	110/125	94/106	256/256	98/110	106.9/119.8	110/125	108.1/121.0	99/111	261/261	112.9/125.8	125/150	104/116	265/265				
	31.8/42.4	88.4/102.0	129.3/146.3	150/150	119/135	256/256	123/139	134.0/151.0	150/175	135.3/152.3	124/140	261/261	140.0/157.0	150/175	129/144	265/265				
	–	–	17.9	20	19	95	21	19.7	25	20.1	21	97	21.9	25	23	99				
	13.9	16.7	24.1	25	22	95	24	26.4	30	26.9	25	97	29.1	30	27	99				
STD	16.5	19.8	28.0	30	26	95	28	30.3	35	30.8	25	97	33.0	35	30	99				
	27.8	33.4	45.0	50	41	95	43	47.3	50	47.8	44	97	50.0	60	46	99				
	33.0	39.7	52.9	60	49	95	51	55.1	60	55.6	51	97	57.9	60	53	99				
	41.7	50.2	66.0	70	61	95	63	68.3	70	68.8	63	97	71.0	80	65	99				
	–	–	18.7	25	20	114	22	20.5	25	20.9	22	116	22.7	25	24	118				
MED	13.9	16.7	25.1	30	23	114	25	27.4	30	27.9	26	116	30.1	35	28	118				
	16.5	19.8	29.0	30	27	114	29	31.3	35	31.8	29	116	34.0	35	31	118				
	27.8	33.4	46.0	50	42	114	44	48.3	50	48.8	45	116	51.0	60	47	118				
	33.0	39.7	53.9	60	50	114	52	56.1	60	56.6	52	116	58.9	60	54	118				
	41.7	50.2	67.0	70	62	114	64	69.3	70	69.8	64	116	72.0	80	66	118				
575–3–60	–	–	23.1	30	24	127	26	24.9	30	25.3	27	129	27.1	30	29	131				
	13.9	16.7	30.1	35	28	127	30	32.4	35	32.9	30	129	35.1	40	32	131				
	16.5	19.8	34.0	35	31	127	33	36.3	40	36.8	34	129	39.0	40	36	131				
	27.8	33.4	51.0	60	47	127	49	53.3	60	53.8	49	129	56.0	60	52	131				
	33.0	39.7	58.9	80	54	127	56	61.1	70	61.6	57	129	63.9	70	59	131				
STD	41.7	50.2	72.0	80	66	127	68	74.3	80	74.8	69	129	77.0	80	71	131				
	–	–	13.1	15	14	77	18	16.9	20	14.8	16	79	18.6	20	20	83				
	17.0	20.4	28.5	30	26	77	31	33.3	35	30.6	28	79	35.4	40	33	83				
	34.0	40.9	54.1	60	50	77	54	58.9	60	56.3	52	79	61.0	70	56	83				
	–	–	13.5	15	14	92	19	17.3	20	15.2	16	94	19.0	25	21	98				
575–3–60	17.0	20.4	29.0	30	27	92	31	33.8	35	31.1	26	94	35.9	40	33	98				
	34.0	40.9	54.6	60	50	92	55	59.4	60	56.8	52	94	61.5	70	57	98				
	–	–	16.6	20	17	106	22	20.4	25	18.3	19	108	22.1	25	24	112				
	17.0	20.4	32.5	35	30	106	34	37.3	40	34.6	32	108	39.4	40	36	112				
	34.0	40.9	58.1	60	53	106	58	62.9	70	60.3	55	108	65.0	70	60	112				

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 22 – 55&J 08 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	ELECTRIC HEATER			NO P.E.						NO C.O. or UNPWR C.O.						w/ P.E. (pwrdr fr/unit)						w/ PWRD C.O.					
	IFM TYPE	Nom (kW)	FLA	NO P.E.			NO C.O. or UNPWR C.O.			w/ P.E. (pwrdr fr/unit)			NO P.E.			w/ P.E. (pwrdr fr/unit)			w/ PWRD C.O.								
				MAX FUSE or HACR BRKR	MCA	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA				
208/ 230-3-60	STD	-	-	39.4/39.2	50/50	41/41	197	46/46	201	44.2/44.0	50/50	47/47	202	48.0/47.8	60/60	51/51	206	206/206	44.2/44.3	50/50	47/47	202/202	48.0/49.0	60/60	51/51	206/206	
		7.8/10.4	21.7/25.0	39.4/39.2	50/50	41/41	197/197	46/46	201/201	44.2/44.3	50/50	47/47	202/202	48.0/49.0	60/60	51/51	206/206	51/51	44.2/44.3	50/50	47/47	202/202	48.0/49.0	60/60	51/51	206/206	
		12.0/16.0	33.4/38.5	49.0/55.1	50/60	45/51	197/197	49/55	201/201	55.0/61.1	60/70	51/56	202/202	59.8/65.9	60/70	55/61	206/206	55/61	55.0/61.1	60/70	51/56	202/202	59.8/65.9	60/70	55/61	206/206	
		18.6/24.8	51.7/59.7	71.9/81.6	80/90	66/75	197/197	66/75	201/201	77.9/87.6	80/90	72/81	202/202	82.6/92.4	90/100	76/85	206/206	76/85	77.9/87.6	80/90	72/81	202/202	82.6/92.4	90/100	76/85	206/206	
		24.0/32.0	66.7/77.0	90.6/103.3	100/110	83/95	197/197	83/95	201/201	96.6/109.3	110/125	89/101	202/202	101.4/114.0	110/125	93/105	206/206	93/105	96.6/109.3	110/125	89/101	202/202	101.4/114.0	110/125	93/105	206/206	
		31.8/42.4	88.4/102.0	117.8/134.5	125/150	108/124	197/197	122.5/139.3	125/150	113/128	201/201	123.8/140.5	125/150	114/129	134/150	118/134	206/206	123.8/140.5	125/150	114/129	202/202	128.5/145.3	150/150	113/134	206/206		
208/ 230-3-60	MED	-	-	42.2/41.4	50/50	45/44	227	49/48	231	47.0/46.2	60/60	50/49	232	50.8/50.0	60/60	55/54	236	236/236	47.0/46.2	60/60	50/49	232	50.8/50.0	60/60	55/54	236	
		7.8/10.4	21.7/25.0	42.2/41.4	50/50	45/44	227/227	49/48	231/231	47.0/47.0	60/50	50/49	232/232	50.8/51.8	60/60	55/54	236/236	55/54	47.0/47.0	60/50	50/49	232/232	50.8/51.8	60/60	55/54	236/236	
		12.0/16.0	33.4/38.5	52.5/57.9	60/60	48/53	227/227	53/58	231/231	58.5/63.9	60/70	54/59	232/232	63.3/68.6	70/70	58/63	236/236	58/63	58.5/63.9	60/70	54/59	232/232	63.3/68.6	70/70	58/63	236/236	
		18.6/24.8	51.7/59.7	75.4/84.4	80/90	69/78	227/227	74/82	231/231	81.4/90.4	90/100	75/83	232/232	86.1/95.1	90/100	79/88	236/236	79/88	81.4/90.4	90/100	75/83	232/232	86.1/95.1	90/100	79/88	236/236	
		24.0/32.0	66.7/77.0	94.1/106.0	100/110	87/98	227/227	91/102	231/231	100.1/112.0	100/125	92/103	232/232	104.9/116.8	110/125	96/107	236/236	96/107	100.1/112.0	110/125	92/103	232/232	104.9/116.8	110/125	96/107	236/236	
		31.8/42.4	88.4/102.0	121.3/137.3	150/150	112/126	227/227	126.0/142.0	150/150	116/131	231/231	127.3/143.3	150/150	117/132	132/148.0	121/136	236/236	126.0/142.0	150/150	116/131	232/232	132.0/148.0	150/150	121/136	236/236		
460-3-60	HIGH	-	-	47.2/46.3	60/50	50/49	262	55/54	266	52.0/51.1	60/60	56/55	267	55.8/54.9	60/60	60/59	271	271/271	52.0/51.1	60/60	56/55	267	55.8/54.9	60/60	60/59	271	
		7.8/10.4	21.7/25.0	47.2/47.1	60/50	50/49	262/262	55/54	266/266	52.0/53.1	60/60	56/55	267/267	55.8/57.9	60/60	60/59	271/271	60/59	52.0/53.1	60/60	56/55	267/267	55.8/57.9	60/60	60/59	271/271	
		12.0/16.0	33.4/38.5	58.8/64.0	60/70	54/59	262/262	58/63	266/266	64.8/70.0	70/70	58/63	267/267	69.5/74.8	70/80	64/69	271/271	64/69	64.8/70.0	70/70	58/63	267/267	69.5/74.8	70/80	64/69	271/271	
		18.6/24.8	51.7/59.7	81.6/90.5	90/100	75/83	262/262	79/88	266/266	87.6/96.5	90/100	79/88	267/267	92.4/101.3	100/110	85/93	271/271	85/93	87.6/96.5	90/100	79/88	267/267	92.4/101.3	100/110	85/93	271/271	
		24.0/32.0	66.7/77.0	100.4/112.1	110/125	92/103	262/262	97/108	266/266	106.4/118.1	110/125	98/109	267/267	111.1/122.9	125/125	102/113	271/271	102/113	106.4/118.1	110/125	98/109	267/267	111.1/122.9	125/125	102/113	271/271	
		31.8/42.4	88.4/102.0	127.5/143.4	150/150	117/132	262/262	132.3/148.1	150/150	122/136	266/266	133.5/149.4	150/150	123/137	138.3/154.1	150/175	271/271	132.3/148.1	150/150	123/137	267/267	138.3/154.1	150/175	127/142	271/271		
460-3-60	STD	-	-	18.2	20	19	97	21	99	20.4	25	22	99	22.2	25	24	101	101	20.4	25	22	99	22.2	25	24	101	
		13.9	16.7	24.5	25	23	97	25	99	27.3	30	25	99	29.5	30	27	101	101	27.3	30	25	99	29.5	30	27	101	
		16.5	19.8	28.4	30	26	97	28	99	31.1	35	29	99	33.4	35	31	101	101	31.1	35	29	99	33.4	35	31	101	
		27.8	33.4	45.4	50	42	97	47.6	99	48.1	50	44	99	50.4	60	46	101	101	48.1	50	44	99	50.4	60	46	101	
		33.0	39.7	53.3	60	49	97	55.5	99	56.0	60	51	99	58.3	60	54	101	101	56.0	60	51	99	58.3	60	54	101	
		41.7	50.2	66.4	70	61	97	68.6	70	63	99	69.1	70	64	80	80	66	68.6	70	63	99	71.4	80	66	101		
460-3-60	MED	-	-	19.1	25	20	113	22	115	21.3	25	23	115	23.1	25	25	117	117	21.3	25	23	115	23.1	25	25	117	
		13.9	16.7	25.6	30	24	113	26	115	28.4	30	26	115	30.6	35	28	117	117	28.4	30	26	115	30.6	35	28	117	
		16.5	19.8	29.5	30	27	113	29	115	32.3	35	29	115	34.5	35	32	117	117	32.3	35	29	115	34.5	35	32	117	
		27.8	33.4	46.5	50	43	113	48.8	115	49.3	50	45	115	51.5	60	47	117	117	49.3	50	45	115	51.5	60	47	117	
		33.0	39.7	54.4	60	50	113	56.6	115	57.1	60	52	115	59.4	60	55	117	117	57.1	60	52	115	59.4	60	55	117	
		41.7	50.2	67.5	70	62	113	69.8	70	64	115	70.3	80	65	80	80	67	69.8	70	64	115	72.5	80	67	117		
460-3-60	HIGH	-	-	21.8	25	23	130	25	132	24.0	30	26	132	25.8	30	28	134	134	24.0	30	26	132	25.8	30	28	134	
		13.9	16.7	28.9	30	27	130	29	132	31.6	35	29	132	33.9	35	31	134	134	31.6	35	29	132	33.9	35	31	134	
		16.5	19.8	32.8	35	30	130	35.0	132	35.5	40	33	132	37.8	40	35	134	134	35.5	40	33	132	37.8	40	35	134	
		27.8	33.4	49.8	50	46	130	52.0	132	52.5	60	48	132	54.8	60	50	134	134	52.5	60	48	132	54.8	60	50	134	
		33.0	39.7	57.6	60	53	130	59.9	132	60.4	70	56	132	62.6	70	58	134	134	60.4	70	56	132	62.6	70	58	134	
		41.7	50.2	70.8	80	65	130	73.0	80	67	132	73.5	80	68	80	80	67	73.0	80	67	132	75.8	80	70	134		
575-3-60	STD	-	-	13.5	15	14	79	19	83	15.2	20	16	81	19.0	20	21	85	85	15.2	20	16	81	19.0	20	21	85	
		17.0	20.4	29.0	30	27	79	29	83	31.1	35	29	81	35.9	35	33	85	85	31.1	35	29	81	35.9	35	33	85	
		34.0	40.9	54.6	60	50	79	59.4	83	56.8	60	52	81	61.5	70	57	85	85	56.8	60	52	81	61.5	70	57	85	
		-	-	15.2	20	16	92	19.0	96	16.9	25	21	94	20.7	25	23	98	98	16.9	25	21	94	20.7	25	23	98	
		17.0	20.4	31.1	35	29	92	35.9	96	33.3	40	33	94	38.0	40	35	98	98	33.3	40	33	94	38.0	40	35	98	
575-3-60	MED	-	-	56.8	60	52	92	61.5	96	58.9	60	54	94	63.6	70	59	98	98	61.5	70	59	94	63.6	70	59	98	
		34.0	40.9	56.8	60	52	92	61.5	96	58.9	60	54	94	63.6	70	59	98	98	61.5	70	59	94	63.6	70	59	98	
		-	-	17.4	20	18	106	21.2	110	19.1	25	20	108	22.9	25	24	112	112	19.1	25	20	108	22.9	25	24	112	
		17.0	20.4	33.3	35	31	106	38.0	110	35.4	40	35	108	40.1	45	37	112	112	35.4	40	33	108	40.1	45	37	112	
		34.0	40.9	58.9	60	54	106	63.6	110	61.0	70	59	108	65.8	70	60	112	112	61.0	70	59	108	65.8	70	60	112	

* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 23 – 55&J 09 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	ELECTRIC HEATER		NO C.O. or UNPWR C.O.						W/PWR C.O.										
	Nom* (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)							
			MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA								
208/ 230-3-60	STD	None	None	45.1	60	43	222	48.9	60	48	226	49.9	60	49	227	53.7	80	53	231
		7.8/10.4	21.7/25.0	45.1/45.1	60/60	43/43	222/222	48.9/48.9	60/60	48/48	226/226	49.9/49.9	60/60	49/49	227/227	53.7/53.7	80/80	53/53	231/231
		12.0/16.0	33.4/38.5	48.3/54.6	60/60	44/50	222/222	53.0/59.4	60/60	49/55	226/226	54.3/60.6	60/70	50/56	227/227	59.0/65.4	80/80	54/60	231/231
		18.6/24.8	51.7/59.7	71.1/81.1	80/90	65/75	222/222	75.9/85.9	80/90	70/79	226/226	77.1/87.1	80/90	71/80	227/227	81.9/91.9	90/100	75/85	231/231
	24.0/32.0	66.7/77.0	89.9/102.8	90/110	83/95	222/222	94.6/107.5	100/110	87/99	226/226	95.9/108.8	100/110	88/100	227/227	100.6/113.5	110/125	93/104	231/231	
	31.8/42.4	88.4/102.0	117.0/134.0	125/150	108/123	222/222	121.8/138.8	125/150	112/128	226/226	123.0/140.0	125/150	113/129	227/227	127.8/144.8	150/150	118/133	231/231	
	None	None	45.1	60	43	233	48.9	60	48	237	49.9	60	49	238	53.7	80	53	242	
	7.8/10.4	21.7/25.0	45.1/45.1	60/60	43/43	233/233	48.9/48.9	60/60	48/48	237/237	49.9/49.9	60/60	49/49	238/238	53.7/53.7	80/80	53/53	242/242	
	12.0/16.0	33.4/38.5	48.3/54.6	60/60	44/50	233/233	49.0/59.4	60/60	49/55	237/237	54.3/60.6	60/70	50/56	238/238	59.0/65.4	80/80	54/60	242/242	
	MED	18.6/24.8	51.7/59.7	71.1/81.1	80/90	65/75	233/233	75.9/85.9	80/90	70/79	237/237	77.1/87.1	80/90	71/80	238/238	81.9/91.9	90/100	75/85	242/242
460-3-60	HIGH	24.0/32.0	66.7/77.0	89.9/102.8	90/110	83/95	233/233	94.6/107.5	100/110	87/99	237/237	95.9/108.8	100/110	88/100	238/238	100.6/113.5	110/125	93/104	242/242
		31.8/42.4	88.4/102.0	117.0/134.0	125/150	108/123	233/233	121.8/138.8	125/150	112/128	237/237	123.0/140.0	125/150	113/129	238/238	127.8/144.8	150/150	118/133	242/242
		None	None	49.9	60	49	276	53.7	80	53	280	54.7	80	54	281	58.5	80	59	285
		7.8/10.4	21.7/25.0	49.9/49.9	60/60	49/49	276/276	53.7/53.7	80/80	53/53	280/280	54.7/54.7	80/80	54/54	281/281	58.5/58.5	80/80	59/59	285/285
	12.0/16.0	33.4/38.5	54.3/60.6	60/70	50/56	276/276	59.0/65.4	80/80	54/60	280/280	60.3/66.6	80/80	55/61	281/281	65.0/71.4	80/80	60/66	285/285	
	18.6/24.8	51.7/59.7	77.1/87.1	80/90	71/80	276/276	75.9/85.9	90/100	75/85	280/280	83.1/93.1	90/100	76/86	281/281	87.9/97.9	90/100	81/90	285/285	
	24.0/32.0	66.7/77.0	95.9/108.8	100/110	88/100	276/276	100.6/113.5	100/110	93/104	280/280	101.9/114.8	110/125	94/106	281/281	106.6/119.5	110/125	98/110	285/285	
	31.8/42.4	88.4/102.0	123.0/140.0	125/150	113/129	276/276	127.8/144.8	150/150	118/133	280/280	129.0/146.0	150/150	119/134	281/281	133.8/150.8	150/175	123/139	285/285	
	None	None	22.6	30	22	108	24.4	30	24	110	24.8	30	24	110	26.6	40	26	112	
	13.9	16.7	24.1	30	22	108	26.4	30	24	110	26.9	30	25	110	29.1	40	27	112	
575-3-60	STD	16.5	19.8	28.0	30	26	108	30.8	35	28	110	30.8	35	28	110	33.0	40	30	112
		27.8	33.4	45.0	50	41	108	47.3	50	43	110	47.8	50	44	110	50.0	60	46	112
		33.0	39.7	52.9	60	49	108	55.1	60	51	110	55.6	60	51	110	57.9	60	53	112
		41.7	50.2	66.0	70	61	108	68.3	70	63	110	68.8	70	63	110	71.0	80	65	112
	None	None	22.6	30	22	114	24.4	30	24	116	24.8	30	24	116	26.6	40	26	118	
	13.9	16.7	24.1	30	22	114	26.4	30	24	116	26.9	30	25	116	29.1	40	27	118	
	16.5	19.8	28.0	30	26	114	30.3	35	28	116	30.8	35	28	116	33.0	40	30	118	
	27.8	33.4	45.0	50	41	114	47.3	50	43	116	47.8	50	44	116	50.0	60	46	118	
	33.0	39.7	52.9	60	49	114	55.1	60	51	116	55.6	60	51	116	57.9	60	53	118	
	41.7	50.2	66.0	70	61	114	68.3	70	63	116	68.8	70	63	116	71.0	80	65	118	
575-3-60	HIGH	None	None	24.4	30	24	136	26.2	30	26	138	26.6	40	26	138	28.4	40	28	140
		13.9	16.7	26.4	30	24	136	28.6	30	26	138	29.1	40	27	138	31.4	40	29	140
		16.5	19.8	30.3	35	28	136	32.5	40	30	138	33.0	40	30	138	35.3	40	32	140
		27.8	33.4	47.3	50	43	136	49.5	50	46	138	50.0	60	46	138	52.3	60	48	140
	33.0	39.7	55.1	60	51	136	57.4	60	53	138	57.9	60	53	138	60.1	70	55	140	
	41.7	50.2	68.3	70	63	136	70.5	80	65	138	71.0	80	65	138	73.3	80	67	140	
	None	None	18.9	30	18	91	22.7	30	23	95	20.6	30	20	93	24.4	30	24	97	
	17.0	20.4	28.5	30	26	91	33.3	35	31	95	30.6	35	28	93	35.4	40	33	97	
	34.0	40.9	54.1	60	50	91	58.9	60	54	95	56.3	60	52	93	61.0	70	56	97	
	None	None	18.5	30	18	95	22.3	30	22	99	20.2	30	20	97	24	30	24	101	
17.0	20.4	28.0	30	26	95	32.8	35	30	99	30.1	35	28	97	34.9	35	32	101		
34.0	40.9	53.6	60	49	95	58.4	60	54	99	55.8	60	51	97	60.5	70	56	101		
None	None	19.3	30	19	106	23.1	30	23	110	21	30	21	108	24.8	30	25	112		
17.0	20.4	29.0	30	27	106	33.8	35	31	110	31.1	35	29	108	35.9	40	33	112		
34.0	40.9	54.6	60	50	106	59.4	60	55	110	56.8	60	52	108	61.5	70	57	112		

* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 24 – 55&J 09 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER		NO P.E.				NO C.O. or UNPWR C.O.				NO P.E.				w/ PWRD C.O.				w/ P.E. (pwrd fr/unit)			
		Nom* (kW)	FLA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR			
					FLA	LRA			FLA	LRA			FLA	LRA			FLA	LRA			FLA	LRA	
208/ 230-3-60	STD	-	-	50	42	208	50	43.8	212	44.8	50	47	213	48.6	60	52	217	48.6/48.6	60/60	52/52	217/217		
		7.8/10.4	21.7/25.0	40.0/40.0	208/208	42/42	50/50	43.8/43.8	212/212	44.8/44.8	50/50	47/47	213/213	48.6/48.6	60/60	52/52	217/217	48.6/48.6	60/60	52/52	217/217		
		12.0/16.0	33.4/38.5	48.3/54.6	208/208	44/50	60/60	53.0/59.4	212/212	54.3/60.6	60/70	50/56	213/213	59.0/65.4	60/70	54/60	217/217	59.0/65.4	60/70	54/60	217/217		
		18.6/24.8	51.7/59.7	71.1/81.1	208/208	65/75	80/90	75.9/85.9	212/212	77.1/87.1	80/90	70/79	213/213	81.9/91.9	90/100	75/85	217/217	81.9/91.9	90/100	75/85	217/217		
		24.0/32.0	66.7/77.0	89.9/102.8	208/208	83/95	90/110	94.6/107.5	212/212	95.9/108.8	100/110	87/99	213/213	100.6/113.5	110/125	93/104	217/217	100.6/113.5	110/125	93/104	217/217		
	MED	31.8/42.4	88.4/102.0	117.0/134.0	208/208	108/123	125/150	121.8/138.8	212/212	123.0/140.0	125/150	112/128	213/213	127.8/144.8	150/150	118/133	217/217	127.8/144.8	150/150	118/133	217/217		
		-	-	40.0	42	219	50	43.8	223	44.8	50	47	224	48.6	60	52	228	48.6	60/60	52/52	228/228		
		7.8/10.4	21.7/25.0	40.0/40.0	219/219	42/42	50/50	43.8/43.8	223/223	44.8/44.8	50/50	46/46	223/223	48.6/48.6	60/60	52/52	228/228	48.6/48.6	60/60	52/52	228/228		
		12.0/16.0	33.4/38.5	48.3/54.6	219/219	44/50	60/60	53.0/59.4	223/223	54.3/60.6	60/70	49/55	223/223	59.0/65.4	60/70	54/60	228/228	59.0/65.4	60/70	54/60	228/228		
		18.6/24.8	51.7/59.7	71.1/81.1	219/219	65/75	80/90	75.9/85.9	223/223	77.1/87.1	80/90	70/79	223/223	81.9/91.9	90/100	71/80	228/228	81.9/91.9	90/100	71/80	228/228		
460-3-60	HIGH	-	-	50	47	262	60	48.6	266	49.6	60	53	267	53.4	60	57	271	53.4	60	57	271		
		7.8/10.4	21.7/25.0	44.8/44.8	262/262	47/47	60/60	48.6/48.6	266/266	49.6/49.8	60/60	52/52	266/266	53.4/54.5	60/60	57/57	271/271	53.4/54.5	60/60	57/57	271/271		
		12.0/16.0	33.4/38.5	54.3/60.6	262/262	50/56	60/70	59.0/65.4	266/266	60.3/66.6	70/70	54/60	266/266	65.0/71.4	70/80	60/66	271/271	65.0/71.4	70/80	60/66	271/271		
		18.6/24.8	51.7/59.7	77.1/87.1	262/262	71/80	80/90	81.9/91.9	266/266	83.1/93.1	90/100	75/85	266/266	87.9/97.9	90/100	76/86	271/271	87.9/97.9	90/100	76/86	271/271		
		24.0/32.0	66.7/77.0	95.9/108.8	262/262	88/100	100/110	100.6/113.5	266/266	101.9/114.8	110/125	93/104	266/266	106.6/119.5	110/125	98/110	271/271	106.6/119.5	110/125	98/110	271/271		
	STD	31.8/42.4	88.4/102.0	123.0/140.0	262/262	113/129	150/150	127.8/144.8	266/266	129.0/146.0	150/150	118/133	266/266	133.8/150.8	150/175	123/139	271/271	133.8/150.8	150/175	123/139	271/271		
		-	-	18.3	19	109	25	20.1	111	20.5	25	22	111	22.3	25	24	113	22.3	25	24	113		
		13.9	16.7	24.1	22	109	30	26.4	111	26.9	30	25	111	29.1	30	27	113	29.1	30	27	113		
		16.5	19.8	28.0	26	109	35	30.3	111	30.8	35	28	111	33.0	35	30	113	33.0	35	30	113		
		27.8	33.4	45.0	41	109	50	47.3	111	47.8	50	44	111	50.0	60	46	113	50.0	60	46	113		
575-3-60	HIGH	-	-	20	19	115	25	20.1	117	20.5	25	22	117	22.3	25	24	119	22.3	25	24	119		
		13.9	16.7	24.1	22	115	30	26.4	117	26.9	30	25	117	29.1	30	27	119	29.1	30	27	119		
		16.5	19.8	28.0	26	115	35	30.3	117	30.8	35	28	117	33.0	35	30	119	33.0	35	30	119		
		27.8	33.4	45.0	41	115	50	47.3	117	47.8	50	44	117	50.0	60	46	119	50.0	60	46	119		
		33.0	39.7	52.9	49	115	60	55.1	117	55.6	60	51	117	57.9	60	53	119	57.9	60	53	119		
	STD	31.8/42.4	88.4/102.0	66.0	61	109	70	68.3	111	68.8	70	63	111	71.0	80	65	119	71.0	80	65	119		
		-	-	20.1	21	137	25	21.9	139	22.3	25	24	139	24.1	30	26	141	24.1	30	26	141		
		13.9	16.7	26.4	24	137	30	28.6	139	29.1	30	27	139	31.4	35	29	141	31.4	35	29	141		
		16.5	19.8	30.3	28	137	35	32.5	139	33.0	35	30	139	35.3	40	32	141	35.3	40	32	141		
		27.8	33.4	47.3	43	137	50	49.5	139	50.0	60	46	139	52.3	60	48	141	52.3	60	48	141		

* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 25 – 55&J 09 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

NOM V-PH-Hz.	ELECTRIC HEATER			NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
	IFM TYPE	Nom (kW)	FLA	NO P.E.				w/ P.E. (pwrdr fr/unit)				NO P.E.				w/ PWRD C.O.							
				MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR							
					FLA	LRA			FLA	LRA			FLA	LRA			FLA	LRA					
208/ 230-3-60	STD	-	-	40.6/40.4	43/42	212	44.4/44.2	50/50	47/47	216	45.4/45.2	50/50	48/48	217	49.2/49.0	60/60	52/52	221					
		7.8/10.4	21.7/25.0	40.6/40.4	43/42	212/212	44.4/44.2	50/50	47/47	216/216	45.4/45.2	50/50	48/48	217/217	49.2/49.0	60/60	52/52	221/221					
		12.0/16.0	33.4/38.5	49.0/55.1	45/51	212/212	53.8/59.9	60/60	49/55	216/216	55.0/61.1	60/70	51/56	217/217	59.8/65.9	60/70	55/61	221/221					
		18.6/24.8	51.7/59.7	71.9/81.6	66/75	212/212	76.6/86.4	80/90	70/79	216/216	77.9/87.6	80/90	72/81	217/217	82.6/92.4	90/100	76/85	221/221					
		24.0/32.0	66.7/77.0	90.6/103.3	83/95	212/212	95.4/108.0	100/110	88/99	216/216	96.6/109.3	100/110	89/101	217/217	101.4/114.0	110/125	93/105	221/221					
	31.8/42.4	88.4/102.0	117.8/134.5	108/124	212/212	122.5/139.3	125/150	113/128	216/216	123.8/140.5	125/150	114/129	217/217	128.5/145.3	150/150	118/134	221/221						
	MED	-	-	41.9/41.6	44/44	216	45.7/45.4	60/50	48/48	220	46.7/46.4	60/60	50/49	221	50.5/50.2	60/60	54/54	225					
		7.8/10.4	21.7/25.0	41.9/41.6	44/44	216/216	45.7/45.4	60/50	48/48	220/220	46.7/46.4	60/50	50/49	221/221	50.5/50.5	60/60	54/54	225/225					
		12.0/16.0	33.4/38.5	50.6/56.6	47/52	216/216	55.4/61.4	60/70	51/56	220/220	56.6/62.6	60/70	52/58	221/221	61.4/67.4	70/70	56/62	225/225					
		18.6/24.8	51.7/59.7	73.5/83.1	68/76	216/216	78.3/87.9	80/90	72/81	220/220	79.5/89.1	80/90	73/82	221/221	84.3/93.9	90/100	78/86	225/225					
24.0/32.0		66.7/77.0	92.3/104.8	85/96	216/216	97.0/109.5	100/110	89/101	220/220	98.3/110.8	100/110	90/102	221/221	103.0/115.5	110/125	95/106	225/225						
31.8/42.4	88.4/102.0	119.4/136.0	110/125	216/216	124.1/140.8	125/150	114/129	220/220	125.4/142.0	150/150	115/131	221/221	130.1/146.8	150/150	120/135	225/225							
460-3-60	HIGH	-	-	45.6/44.6	48/47	266	49.4/48.4	60/60	53/52	270	50.4/49.4	60/60	54/53	271	54.2/53.2	60/60	58/57	275					
		7.8/10.4	21.7/25.0	45.6/44.6	48/47	266/266	49.4/48.4	60/60	53/52	270/270	50.4/49.5	60/60	54/53	271/271	54.2/54.3	60/60	58/57	275/275					
		12.0/16.0	33.4/38.5	55.3/60.4	51/56	266/266	60.0/65.1	60/70	55/60	270/270	61.3/66.4	70/70	56/61	271/271	66.0/71.1	70/80	61/65	275/275					
		18.6/24.8	51.7/59.7	78.1/86.9	72/80	266/266	82.9/91.6	90/100	76/84	270/270	84.1/92.9	90/100	77/85	271/271	88.9/97.6	90/100	82/90	275/275					
		24.0/32.0	66.7/77.0	96.9/108.5	89/100	266/266	101.6/113.3	110/125	93/104	270/270	102.9/114.5	110/125	95/105	271/271	107.6/119.3	110/125	99/110	275/275					
	31.8/42.4	88.4/102.0	124.0/139.8	114/129	266/266	128.8/144.5	150/150	118/133	270/270	130.0/145.8	150/150	120/134	271/271	134.8/150.5	150/175	124/138	275/275						
	STD	-	-	18.6	25	111	20.4	25	22	113	20.8	25	22	113	22.6	25	24	115					
		13.9	16.7	24.5	23	111	26.8	30	25	113	27.3	30	25	113	29.5	30	27	115					
		16.5	19.8	28.4	26	111	30.6	35	28	113	31.1	35	29	113	33.4	35	31	115					
		27.8	33.4	45.4	42	111	47.6	50	44	113	48.1	50	44	113	50.4	60	46	115					
33.0		39.7	53.3	49	111	55.5	60	51	113	56.0	60	52	113	58.3	60	54	115						
41.7	50.2	66.4	70	111	68.6	70	63	113	69.1	70	64	113	71.4	80	66	115							
575-3-60	MED	-	-	19.5	25	114	21.3	25	23	116	21.7	25	23	116	23.5	30	25	118					
		13.9	16.7	25.6	30	24	114	27.9	30	26	116	28.4	30	26	116	30.6	35	28	118				
		16.5	19.8	29.5	30	27	114	31.8	35	29	116	32.3	35	30	116	34.5	35	32	118				
		27.8	33.4	46.5	43	114	48.8	50	45	116	49.3	50	45	116	51.5	60	47	118					
		33.0	39.7	54.4	50	114	56.6	60	52	116	57.1	60	53	116	59.4	60	55	118					
	41.7	50.2	67.5	62	114	69.8	70	64	116	70.3	80	65	116	72.5	80	67	118						
	STD	-	-	20.6	25	139	22.4	25	24	141	22.8	25	24	141	24.6	30	26	143					
		13.9	16.7	27.0	30	25	139	29.3	30	27	141	29.8	30	27	141	32.0	35	29	143				
		16.5	19.8	30.9	35	28	139	33.1	35	30	141	33.6	35	31	141	35.9	40	33	143				
		27.8	33.4	47.9	50	44	139	50.1	60	46	141	50.6	60	47	141	52.9	60	49	143				
33.0		39.7	55.8	60	51	139	58.0	60	53	141	58.5	60	54	141	60.8	70	56	143					
41.7	50.2	68.9	70	63	139	71.1	80	65	141	71.6	80	66	141	73.9	80	68	143						
575-3-60	STD	-	-	16.3	20	17	20.1	25	21	91	18.0	20	19	89	21.8	25	23	93					
		17.0	20.4	29.0	30	27	33.8	35	31	91	31.1	35	29	89	35.9	40	33	93					
		34.0	40.9	54.6	60	87	59.4	60	55	91	56.8	60	52	89	61.5	70	57	93					
		-	-	17.0	20	18	20.8	25	22	95	18.7	25	20	93	22.5	25	24	97					
		17.0	20.4	29.9	30	27	34.6	35	32	95	36.0	35	29	93	36.8	40	34	97					
	34.0	40.9	55.5	60	91	60.3	70	55	95	57.6	60	53	93	62.4	70	57	97						
	MED	-	-	18.0	20	19	21.8	25	23	104	19.7	25	21	102	23.5	30	25	106					
		17.0	20.4	31.1	35	29	35.9	40	33	104	33.3	35	31	102	38.0	40	35	106					
		34.0	40.9	56.8	60	100	61.5	70	57	104	58.9	60	54	102	63.6	70	59	106					
		-	-	16.3	20	17	20.1	25	21	91	18.0	20	19	89	21.8	25	23	93					
17.0		20.4	29.0	30	27	33.8	35	31	91	31.1	35	29	89	35.9	40	33	93						

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 26 – 558J 12 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA SINGLE STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER			NO C.O. or UNPWR C.O.								W/ PWRD C.O.								
		Nom* (kW)	FLA	MCA	NO P.E.				w/ P.E. (pwrd fr/unit)				NO P.E.				w/ P.E. (pwrd fr/unit)				
					MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA					
460-3-60	STD	None	None	45.8	60	44	263	49.6	60	48	267	267	50.6	60	50	268	268	54.4	80	54	272
		7.8/10.4	21.7/25.0	45.8/45.8	60/60	44/44	263/263	49.6/49.6	60/60	48/48	267/267	267/267	50.6/50.6	60/60	50/50	268/268	268/268	54.4/54.4	80/80	54/54	272/272
		12.0/16.0	33.4/38.5	48.3/54.6	60/60	44/50	263/263	53.0/59.4	60/60	49/55	267/267	267/267	54.3/60.6	60/60	50/56	268/268	268/268	59.0/65.4	80/80	54/60	272/272
		24.0/32.0	66.7/77.0	89.9/102.8	90/110	83/95	263/263	94.6/107.5	100/110	87/99	267/267	267/267	95.9/108.8	100/110	88/100	268/268	268/268	100.6/113.5	110/125	93/104	272/272
		31.8/42.4	88.4/102.0	117.0/134.0	125/150	108/123	263/263	121.8/138.8	125/150	112/128	267/267	267/267	123.0/140.0	125/150	113/129	268/268	268/268	127.8/144.8	150/175	118/133	272/272
	37.6/50.0	104.2/120.3	136.8/126.8	150/150	126/144	263/263	141.5/131.6	150/150	130/149	267/267	267/267	142.8/132.8	150/150	131/150	268/268	268/268	147.5/137.6	150/150	136/154	272/272	
	None	None	50.6	60	50	306	54.4	80	54	310	310	55.4	80	55	311	311	59.2	80	59	315	
	7.8/10.4	21.7/25.0	50.6/50.6	60/60	50/50	306/306	54.4/54.4	80/80	54/54	310/310	310/310	55.4/55.4	80/80	55/55	311/311	311/311	59.2/59.2	80/80	59/59	315/315	
	12.0/16.0	33.4/38.5	54.3/60.6	60/80	50/56	306/306	59.0/65.4	80/80	54/60	310/310	310/310	60.3/66.6	80/80	55/61	311/311	311/311	65.0/71.4	80/80	60/66	315/315	
	24.0/32.0	66.7/77.0	95.9/108.8	100/110	88/100	306/306	100.6/113.5	110/125	93/104	310/310	310/310	101.9/114.8	110/125	94/106	311/311	311/311	106.6/119.5	110/125	98/110	315/315	
MED	31.8/42.4	88.4/102.0	123.0/140.0	125/150	113/129	306/306	127.8/144.8	150/150	118/133	310/310	310/310	129.0/146.0	150/150	119/134	311/311	311/311	133.8/150.8	150/175	123/139	315/315	
	37.6/50.0	104.2/120.3	142.8/132.8	150/150	131/150	306/306	147.5/137.6	150/150	136/154	310/310	310/310	148.8/138.8	150/150	137/155	311/311	311/311	153.5/143.6	175/175	141/160	315/315	
	None	None	55.6	80	55	315	59.4	80	60	319	319	60.4	90	61	320	320	64.2	90	65	324	
	7.8/10.4	21.7/25.0	55.6/55.6	80/80	55/55	315/315	59.4/59.4	80/80	60/60	319/319	319/319	60.4/60.4	90/90	61/61	320/320	320/320	64.2/64.2	90/90	65/65	324/324	
	12.0/16.0	33.4/38.5	60.5/66.9	80/80	56/62	315/315	65.3/71.6	80/80	60/66	319/319	319/319	66.5/72.9	90/90	61/67	320/320	320/320	71.3/77.6	90/90	66/71	324/324	
STD	24.0/32.0	66.7/77.0	102.1/115.0	110/125	94/106	315/315	106.9/119.8	110/125	98/110	319/319	319/319	108.1/121.0	110/125	99/111	320/320	320/320	112.9/125.8	125/150	104/116	324/324	
	31.8/42.4	88.4/102.0	129.3/146.3	150/150	119/135	315/315	134.0/151.0	150/175	123/139	319/319	319/319	135.3/152.3	150/175	124/140	320/320	320/320	140.0/157.0	150/175	125/141	324/324	
	37.6/50.0	104.2/120.3	149.0/139.1	150/175	137/156	315/315	153.8/143.8	175/175	141/160	319/319	319/319	155.0/145.1	175/175	143/161	320/320	320/320	159.8/149.8	175/175	147/165	324/324	
	None	None	25.1	30	24	133	26.9	40	26	135	135	27.3	40	27	135	135	29.1	45	29	137	
	13.9	16.7	25.1	30	24	133	26.9	40	26	135	135	27.3	40	26	135	135	29.1	45	29	137	
MED	16.5	19.8	28.0	30	26	133	30.3	40	28	135	135	30.8	40	28	135	135	33.0	45	30	137	
	33.0	39.7	52.9	60	49	133	55.1	60	51	135	135	55.6	60	51	135	135	57.9	60	53	137	
	41.7	50.2	66.0	70	61	133	68.3	70	63	135	135	68.8	70	63	135	135	71.0	80	65	137	
	50.0	60.1	63.4	70	72	133	65.6	70	74	135	135	66.1	70	75	135	135	68.4	70	77	137	
	None	None	26.9	40	26	155	28.7	45	28	157	157	29.1	45	29	157	157	30.9	45	31	159	
460-3-60	13.9	16.7	26.9	40	26	155	28.7	45	28	157	157	29.1	45	29	157	157	31.4	45	31	159	
	16.5	19.8	30.3	40	26	155	32.5	45	30	157	157	33.0	45	30	157	157	35.3	45	32	159	
	33.0	39.7	55.1	60	51	155	57.4	60	53	157	157	57.9	60	53	157	157	60.1	70	55	159	
	41.7	50.2	68.3	70	63	155	70.5	80	65	157	157	71.0	80	65	157	157	73.3	80	67	159	
	50.0	60.1	65.6	80	74	155	67.9	80	76	157	157	68.4	80	77	157	157	70.6	80	79	159	
575-3-60	None	None	29.9	45	30	159	31.7	45	32	161	161	32.1	45	32	161	161	33.9	50	34	163	
	13.9	16.7	30.1	45	30	159	32.4	45	32	161	161	32.9	45	32	161	161	35.1	50	34	163	
	16.5	19.8	34.0	45	31	159	36.3	45	33	161	161	36.8	45	34	161	161	39.0	50	36	163	
	33.0	39.7	58.9	60	54	159	61.1	70	56	161	161	61.6	70	57	161	161	63.9	70	59	163	
	41.7	50.2	72.0	80	66	159	74.3	80	68	161	161	74.8	80	69	161	161	77.0	80	71	163	
575-3-60	50.0	60.1	69.4	80	78	159	71.6	80	80	161	161	72.1	80	80	161	161	74.4	80	82	163	
	None	None	18.5	30	18	95	22.3	30	22	99	99	20.2	30	20	97	97	24	30	24	101	
	17.0	20.4	28.0	30	26	95	32.8	35	30	99	99	30.1	35	28	97	97	34.9	35	32	101	
	34.0	40.9	53.6	60	49	95	58.4	60	54	99	99	55.8	60	51	97	97	60.5	70	56	101	
	51.0	61.3	63.8	70	73	95	68.6	80	77	99	99	65.9	70	75	97	97	70.7	80	79	101	
575-3-60	None	None	19.3	30	19	106	23.1	30	23	110	110	21	30	21	108	108	24.8	30	25	112	
	17.0	20.4	29.0	30	27	106	33.8	35	31	110	110	31.1	35	29	108	108	35.9	40	33	112	
	34.0	40.9	54.6	60	50	106	59.4	60	55	110	110	56.8	60	52	108	108	61.5	70	57	112	
	51.0	61.3	64.8	70	74	106	69.6	80	78	110	110	66.9	70	76	108	108	71.7	80	80	112	
	None	None	22.1	30	22	120	25.9	30	26	124	124	23.8	30	24	122	122	27.6	35	28	126	
HIGH	17.0	20.4	32.5	30	26	120	37.3	40	34	124	124	32.5	35	32	122	122	39.4	40	36	126	
	34.0	40.9	58.1	60	53	120	62.9	70	58	124	124	60.3	70	55	122	122	65.0	70	60	126	
	51.0	61.3	68.3	80	77	120	73.1	80	81	124	124	70.4	80	79	122	122	75.2	80	83	126	
	None	None	18.5	30	18	95	22.3	30	22	99	99	20.2	30	20	97	97	24	30	24	101	
	17.0	20.4	28.0	30	26	95	32.8	35	30	99	99	30.1	35	28	97	97	34.9	35	32	101	

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 27 – 558J 12 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER			NO C.O. or UNPWR C.O.						W/PWR C.O.					
		Nom* (kW)	FLA	NO PE.			w/ PE. (pwrd fr/unit)			NO PE.			w/ PE. (pwrd fr/unit)			DISC. SIZE
				MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	
208/ 230-3-60	STD	-	-	50	46	258	60	47.5	50	262	48.5	51	60	52.3	56	267
		7.8/10.4	21.7/25.0	50/50	46/46	258/258	60/60	47.5/47.5	50/50	262/262	48.5/48.5	51/51	60/60	52.3/52.3	56/56	267/267
		12.0/16.0	33.4/38.5	50/60	46/50	258/258	60/60	53.0/59.4	50/55	262/262	54.3/60.6	51/56	60/70	59.0/65.4	60/70	267/267
		24.0/32.0	66.7/77.0	90/110	83/95	258/258	100/110	94.6/107.5	87/99	262/262	95.9/108.8	88/100	100/110	100.6/113.5	110/125	267/267
		31.8/42.4	88.4/102.0	125/150	108/123	258/258	125/150	121.8/138.8	112/128	262/262	123.0/140.0	113/129	125/150	127.8/144.8	150/150	267/267
	MED	37.6/50.0	104.2/120.3	150/150	126/144	258/258	150/150	141.5/131.6	130/149	262/262	142.8/132.8	131/150	150/150	147.5/137.6	150/150	267/267
		-	-	60	51	301	60	52.3	56	305	53.3	57	60	57.1	61	310
		7.8/10.4	21.7/25.0	60/60	51/51	301/301	60/60	52.3/52.3	56/56	305/305	53.3/53.3	57/57	60/60	57.1/57.1	61/61	310/310
		12.0/16.0	33.4/38.5	60/70	51/56	301/301	60/70	59.0/65.4	56/60	305/305	60.3/66.6	57/61	70/70	65.0/71.4	70/80	310/310
		24.0/32.0	66.7/77.0	100/110	88/100	301/301	110/125	100.6/113.5	93/104	305/305	101.9/114.8	94/106	110/125	106.6/119.5	110/125	310/310
480-3-60	HIGH	31.8/42.4	88.4/102.0	125/150	113/129	301/301	150/150	127.8/144.8	118/133	305/305	129.0/146.0	119/134	150/150	133.8/150.8	150/175	310/310
		37.6/50.0	104.2/120.3	150/150	131/150	301/301	150/150	147.5/137.6	136/154	305/305	148.8/138.8	137/155	150/150	153.5/143.6	175/175	310/310
		-	-	60	57	310	70	57.3	61	314	58.3	62	70	62.1	67	319
		7.8/10.4	21.7/25.0	60/60	57/57	310/310	70/70	57.3/57.3	61/61	314/314	58.3/58.3	62/62	70/70	62.1/62.1	67/67	319/319
		12.0/16.0	33.4/38.5	70/70	57/62	310/310	70/80	65.3/71.6	61/66	314/314	66.5/72.9	62/67	70/80	71.3/77.6	80/80	319/319
	STD	24.0/32.0	66.7/77.0	110/125	94/106	310/310	110/125	106.9/119.8	98/110	314/314	108.1/121.0	99/111	110/125	112.9/125.8	125/150	319/319
		31.8/42.4	88.4/102.0	150/150	119/135	310/310	150/175	134.0/151.0	123/139	314/314	135.3/152.3	124/140	150/175	140.0/157.0	150/175	319/319
		37.6/50.0	104.2/120.3	150/175	137/156	310/310	175/175	153.8/143.8	141/160	314/314	155.0/145.1	143/161	175/175	159.8/149.8	175/175	319/319
		-	-	25	23	123	30	23.3	25	125	23.7	25	30	25.5	27	127
		13.9	16.7	25	23	123	30	26.4	25	125	26.9	25	30	28.1	27	127
575-3-60	MED	16.5	19.8	30	26	123	35	30.3	28	125	30.8	28	35	33.0	30	127
		33.0	39.7	60	49	123	60	55.1	51	125	55.6	51	60	57.9	50	127
		41.7	50.2	70	61	123	70	66.3	63	125	68.8	63	70	71.0	65	127
		50.0	60.1	80	72	123	80	65.6	74	125	66.1	75	80	68.4	70	127
		-	-	30	25	145	30	25.1	27	147	25.5	27	30	27.3	29	149
	STD	13.9	16.7	30	25	145	30	28.6	27	147	29.1	27	30	31.4	29	149
		16.5	19.8	35	28	145	35	32.5	30	147	33.0	30	35	35.3	30	149
		33.0	39.7	60	51	145	60	57.4	53	147	57.9	53	60	60.1	55	149
		41.7	50.2	70	63	145	70	70.5	65	147	71.0	65	80	73.3	67	149
		50.0	60.1	80	74	145	80	67.9	76	147	68.4	77	80	70.6	79	149
575-3-60	HIGH	-	-	30	28	149	35	28.1	30	151	28.5	31	35	30.3	33	153
		13.9	16.7	35	28	149	35	32.4	30	151	32.9	31	35	35.1	30	153
		16.5	19.8	35	31	149	40	36.3	33	151	36.8	34	40	39.0	36	153
		33.0	39.7	60	54	149	70	61.1	56	151	61.6	57	70	63.9	59	153
		41.7	50.2	80	66	149	80	74.3	68	151	74.8	69	80	77.0	71	153
	STD	50.0	60.1	80	78	149	80	71.6	80	151	72.1	80	80	74.4	82	153
		-	-	20	17	93	25	20.0	21	97	17.9	19	20	21.7	23	99
		17.0	20.4	30	26	93	35	32.8	30	97	30.1	28	35	34.9	32	99
		34.0	40.9	60	49	93	60	56.4	54	97	55.8	51	60	60.5	56	99
		51.0	61.3	70	73	93	80	68.6	77	97	65.9	75	70	70.7	79	99
575-3-60	MED	-	-	20	18	104	25	20.8	22	108	18.7	20	25	22.5	24	110
		17.0	20.4	30	27	104	35	33.8	31	108	31.1	29	35	35.9	30	110
		34.0	40.9	60	50	104	60	59.4	55	108	56.8	52	60	61.5	57	110
		51.0	61.3	70	74	104	80	69.6	78	108	66.9	76	70	71.7	80	110
		-	-	25	21	118	30	23.6	25	122	21.5	23	25	25.3	27	124
	HIGH	17.0	20.4	35	30	118	35	37.3	34	122	34.6	32	35	36.0	30	124
		34.0	40.9	60	53	118	70	62.9	58	122	60.3	55	70	65.0	60	124
		51.0	61.3	80	77	118	80	73.1	81	122	70.4	79	80	75.2	83	124
		-	-	25	21	118	30	23.6	25	122	21.5	23	25	25.3	27	124
		17.0	20.4	35	30	118	35	37.3	34	122	34.6	32	35	36.0	30	124

* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 28 – 558J 12 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	ELECTRIC HEATER			NO C.O. or UNPWR C.O.						NO P.E.						w/ PWRD C.O.						
	IFM TYPE	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)			w/ PWRD C.O.						
				MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR	MCA	DISC. SIZE	MAX FUSE or HACR BRKR				
208/ 230-3-60	STD	-	-	45.6/45.3	48/47	255	49.4/49.1	60/60	52/52	259	53/53	260	50.4/50.1	60/60	53/53	260	54.2/53.9	60/60	58/57	264		
		7.8/10.4	21.7/25.0	45.6/45.3	48/47	255/255	49.4/49.1	60/60	52/52	259/259	53/53	260/260	50.4/50.1	60/60	53/53	260/260	54.2/53.9	60/60	58/57	264/264		
		12.0/16.0	33.4/38.5	50.6/56.6	48/52	255/255	55.4/61.4	60/70	52/56	259/259	56.6/62.6	60/70	53/58	260/260	60/60	53/58	260/260	61.4/67.4	70/70	58/62	264/264	
		24.0/32.0	66.7/77.0	92.3/104.8	85/96	255/255	97.0/109.5	100/110	89/101	259/259	98.3/110.8	100/125	90/102	260/260	100/125	90/102	260/260	103.0/115.5	110/125	95/106	264/264	
		31.8/42.4	88.4/102.0	119.4/136.0	119/125	255/255	124.1/140.8	125/150	114/129	259/259	125.4/142.0	150/150	115/131	260/260	150/150	115/131	260/260	130.1/146.8	150/150	120/135	264/264	
	37.6/50.0	104.2/120.3	139.1/128.8	128/146	255/255	143.9/133.6	150/150	132/151	259/259	145.1/134.8	150/150	134/152	260/260	150/150	134/152	260/260	149.9/139.6	150/150	138/156	264/264		
	MED	-	-	49.3/48.3	52/51	305	53.1/52.1	60/60	56/55	309	58/56	310	57.9/56.9	60/60	58/56	310	57.9/56.9	60/60	62/61	314		
		7.8/10.4	21.7/25.0	49.3/48.3	52/51	305/305	53.1/52.1	60/60	56/55	309/309	54.1/53.1	60/60	58/56	310/310	57.9/56.9	60/60	58/56	310/310	62/61	314/314		
		12.0/16.0	33.4/38.5	55.3/60.4	52/56	305/305	60.0/65.1	60/70	56/60	309/309	61.3/66.4	70/70	58/61	310/310	60.0/71.1	70/70	58/61	310/310	62/65	314/314		
		24.0/32.0	66.7/77.0	96.9/108.5	89/100	305/305	101.6/113.3	110/125	93/104	309/309	102.9/114.5	110/125	95/105	310/310	107.6/119.3	110/125	95/105	310/310	99/110	314/314		
31.8/42.4		88.4/102.0	124.0/139.8	114/129	305/305	128.8/144.5	150/150	118/133	309/309	130.0/145.8	150/150	120/134	310/310	134.8/150.5	150/175	124/138	310/310	124/138	314/314			
37.6/50.0	104.2/120.3	143.8/132.6	132/150	305/305	148.5/137.3	150/150	137/154	309/309	149.8/138.6	150/150	138/155	310/310	154.5/143.3	175/175	142/160	310/310	142/160	314/314				
460-3-60	HIGH	-	-	52.1/51.2	55/54	316	55.9/55.0	60/60	60/59	320	61/60	321	56.9/56.0	70/60	61/60	321	60.7/59.8	70/70	65/64	325		
		7.8/10.4	21.7/25.0	52.1/51.2	55/54	316/316	55.9/55.0	60/60	60/59	320/320	56.9/56.0	70/60	61/60	321/321	60.7/59.8	70/70	60.7/59.8	70/70	65/64	325/325		
		12.0/16.0	33.4/38.5	58.8/64.0	55/59	316/316	63.5/68.8	70/70	60/63	320/320	60.4/67.0	70/70	61/64	321/321	69.5/74.8	70/80	69.5/74.8	70/80	65/69	325/325		
		24.0/32.0	66.7/77.0	100.4/112.1	92/103	316/316	105.1/116.9	110/125	97/108	320/320	106.4/118.1	110/125	98/109	321/321	111.1/122.9	125/125	102/113	111.1/122.9	125/125	102/113	325/325	
		31.8/42.4	88.4/102.0	127.5/143.4	117/132	316/316	132.3/148.1	150/150	122/136	320/320	133.5/149.4	150/150	123/137	321/321	138.3/154.1	150/175	127/142	138.3/154.1	150/175	127/142	325/325	
	37.6/50.0	104.2/120.3	147.3/136.2	135/153	316/316	152.0/140.9	175/175	140/157	320/320	153.3/142.2	175/175	141/158	321/321	158.0/146.9	175/175	141/158	158.0/146.9	175/175	141/158	325/325		
	STD	-	-	22.7	24	122	24.5	30	26	124	24.9	30	26	124	24.9	30	26	124	24.9	30	29	126
		13.9	16.7	25.6	24	122	27.9	30	26	124	28.4	30	26	124	28.4	30	26	124	28.4	30	29	126
		16.5	19.8	29.5	27	122	31.8	35	29	124	32.3	35	30	124	32.3	35	30	124	34.5	35	32	126
		33.0	39.7	54.4	60	122	56.6	60	52	124	57.1	60	53	124	59.4	60	53	124	59.4	60	55	126
41.7		50.2	67.5	70	122	69.8	70	64	124	70.3	80	65	124	72.5	80	65	124	72.5	80	67	126	
575-3-60	STD	50.0	60.1	64.9	73	122	67.1	80	76	124	67.6	80	76	124	67.6	80	76	124	69.9	80	78	126
		-	-	23.8	25	147	25.6	30	27	149	26.0	30	28	149	27.8	30	28	149	27.8	30	30	151
		13.9	16.7	27.0	25	147	29.3	30	27	149	29.8	30	28	149	32.0	35	28	149	32.0	35	30	151
		16.5	19.8	30.9	28	147	33.1	35	30	149	33.6	35	31	149	35.9	40	31	149	35.9	40	33	151
		33.0	39.7	55.8	51	147	58.0	60	53	149	58.5	60	54	149	60.8	70	56	149	60.8	70	56	151
	MED	41.7	50.2	68.9	63	147	71.1	80	65	149	71.6	80	66	149	73.9	80	66	149	73.9	80	68	151
		50.0	60.1	66.2	75	147	68.5	80	77	149	69.0	80	77	149	71.2	80	77	149	71.2	80	79	151
		-	-	25.3	27	152	27.1	30	29	154	27.5	30	29	154	29.3	35	29	154	29.3	35	32	156
		13.9	16.7	28.9	27	152	31.1	35	29	154	31.6	35	29	154	33.9	40	31	154	33.9	40	32	156
		16.5	19.8	32.8	30	152	35.0	35	32	154	35.5	40	33	154	37.8	40	33	154	37.8	40	35	156
575-3-60	HIGH	33.0	39.7	57.6	60	153	59.9	60	55	154	60.4	70	56	154	62.6	70	56	154	62.6	70	58	156
		41.7	50.2	70.8	80	152	73.0	80	67	154	73.5	80	68	154	75.8	80	68	154	75.8	80	70	156
		50.0	60.1	68.1	80	152	70.4	80	79	154	70.9	80	79	154	73.1	80	79	154	73.1	80	81	156
		-	-	17.7	19	95	21.5	25	23	99	19.4	25	21	97	23.2	25	21	97	23.2	25	25	101
		17.0	20.4	29.9	27	95	34.6	35	32	99	32.0	35	29	97	36.8	40	34	97	36.8	40	34	101
	STD	34.0	40.9	55.5	60	51	60.3	70	55	99	57.6	70	53	97	62.4	70	53	97	62.4	70	57	101
		51.0	61.3	65.7	70	95	70.4	80	74	99	67.8	80	76	97	72.6	80	76	97	72.6	80	81	101
		-	-	18.7	25	104	22.5	25	24	108	22.4	25	24	106	24.2	30	26	106	24.2	30	26	110
		17.0	20.4	31.1	35	104	35.9	40	33	108	33.3	35	31	106	38.0	40	35	106	38.0	40	35	110
		34.0	40.9	56.8	60	52	61.5	70	57	108	58.9	60	54	106	63.6	70	54	106	63.6	70	59	110
575-3-60	MED	51.0	61.3	66.9	80	76	104	80	80	108	69.1	80	78	106	73.8	80	78	106	73.8	80	82	110
		-	-	20.5	22	118	24.3	30	26	122	22.2	25	24	120	26.0	30	28	120	26.0	30	28	124
		17.0	20.4	33.3	35	118	38.0	40	35	122	35.4	40	33	120	35.4	40	37	120	35.4	40	37	124
		34.0	40.9	58.9	60	54	63.6	70	59	122	61.0	70	56	120	65.8	70	60	120	65.8	70	60	124
		51.0	61.3	69.1	80	78	118	73.8	80	82	122	71.2	80	80	120	75.9	80	84	120	75.9	80	84
	HIGH	-	-	22.7	24	122	24.5	30	26	124	24.9	30	26	124	24.9	30	26	124	24.9	30	29	126
		13.9	16.7	25.6	24	122	27.9	30	26	124	28.4	30	26	124	28.4	30	26	124	28.4	30	29	126
		16.5	19.8	29.5	27	122	31.8	35	29	124	32.3	35	30	124	34.5	35	30	124	34.5	35	32	126
		33.0	39.7	54.4	60	122	56.6	60	52	124	57.1	60	53	124	59.4	60	53	124	59.4	60	55	126
		41.7	50.2	67.5	70	122	69.8	70	64	124	70.3	80	65	124	72.5	80	65	124	72.5	80	67	126

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 29 – 558J 14 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	ELECTRIC HEATER		NO C.O. or UNPWR C.O.						W/PWRD C.O.								
	IFM TYPE	Nom* (kW)	FLA	NO P.E.			w/ P.E. (pwrdd fr/unit)			NO P.E.			w/ P.E. (pwrdd fr/unit)				
				MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	FLA
208/ 230-3-60	STD	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
460-3-60	STD	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
575-3-60	STD	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
208/ 230-3-60	MED	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
460-3-60	MED	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
575-3-60	MED	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
208/ 230-3-60	HIGH	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
460-3-60	HIGH	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369
575-3-60	HIGH	-	-	60.7	63	360	64.5	80	68	364	65.5	69	365	69.3	80	73	369
		7.8/10.4	21.7/25.0	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		12.0/16.0	33.4/38.5	60.7/60.7	63/63	360/360	64.5/64.5	80/80	68/68	364/364	65.5/65.5	69/69	365/365	69.3/69.3	80/80	73/73	369/369
		24.0/32.0	66.7/77.0	92.8/105.6	85/97	360/360	97.5/110.4	100/125	90/102	364/364	98.8/111.6	91/103	365/365	103.5/116.4	110/125	95/107	369/369
		31.8/42.4	88.4/102.0	119.9/136.9	110/126	360/360	124.6/141.6	125/150	115/130	364/364	125.9/142.9	116/131	365/365	130.6/147.6	150/150	120/136	369/369

* Nominal values, listed as 208/240V, 480V or 600V as appropriate.

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 30 – 55&J 14 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	ELECTRIC HEATER			NO C.O. or UNPWR C.O.										w/ PWRD C.O.										
	IFM TYPE	Nom (kW)	FLA	NO P.E.				w/ P.E. (pwrdr fr/unit)				NO P.E.				w/ PWRD C.O.								
				MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA						
208/ 230-3-60	STD	—	—	80/80	65/64	357	357/357	65.6/64.8	80/80	69/68	361	66.6/65.8	80/80	70/69	362	70.4/69.6	80/80	75/74	366	80/80	70.4/69.6	80/80	75/74	366/366
		7.8/10.4	21.7/25.0	80/80	65/64	357/357	357/357	65.6/64.8	80/80	69/68	361/361	66.6/65.8	80/80	70/69	362/362	70.4/69.6	80/80	75/74	366/366	80/80	70.4/69.6	80/80	75/74	366/366
		12.0/16.0	33.4/38.5	80/80	65/64	357/357	357/357	65.6/64.8	80/80	69/68	361/361	66.6/65.8	80/80	70/69	362/362	70.4/69.6	80/80	75/74	366/366	80/80	70.4/69.6	80/80	75/74	366/366
		24.0/32.0	66.7/77.0	80/80	87/98	357/357	357/357	98.9/110.8	100/125	91/102	361/361	100.1/112.0	110/125	92/103	362/362	104.9/116.8	110/125	96/107	366/366	110/125	104.9/116.8	110/125	96/107	366/366
		31.8/42.4	88.4/102.0	125/150	112/126	357/357	357/357	126.0/142.0	150/150	116/131	361/361	127.3/143.3	150/150	117/132	362/362	132.0/148.0	150/150	121/136	366/366	150/150	132.0/148.0	150/150	121/136	366/366
	37.6/50.0	104.2/120.3	141.0/130.1	130/147	357/357	357/357	145.8/134.8	150/150	134/152	361/361	147.0/136.1	150/150	135/153	362/362	151.8/140.8	175/150	140/157	366/366	175/150	151.8/140.8	175/150	140/157	366/366	
	MED	—	—	80/80	67/66	381	381/381	67.8/66.8	80/80	72/70	385	68.8/67.8	80/80	73/72	386	72.6/71.6	80/80	77/76	390	80/80	72.6/71.6	80/80	77/76	390/390
		7.8/10.4	21.7/25.0	80/80	67/66	381/381	381/381	67.8/66.8	80/80	72/70	385/385	68.8/67.8	80/80	73/72	386/386	72.6/71.6	80/80	77/76	390/390	80/80	72.6/71.6	80/80	77/76	390/390
		12.0/16.0	33.4/38.5	80/80	67/66	381/381	381/381	67.8/66.8	80/80	72/70	385/385	68.8/67.8	80/80	73/72	386/386	72.6/71.6	80/80	77/76	390/390	80/80	72.6/71.6	80/80	77/76	390/390
		24.0/32.0	66.7/77.0	80/80	89/100	381/381	381/381	101.6/113.3	110/125	93/104	385/385	102.9/114.5	110/125	95/105	386/386	107.6/119.3	110/125	99/110	390/390	110/125	107.6/119.3	110/125	99/110	390/390
31.8/42.4		88.4/102.0	125/150	114/129	381/381	381/381	128.8/144.5	150/150	118/133	385/385	130.0/145.8	150/150	120/134	386/386	134.8/150.5	150/175	124/138	390/390	150/175	134.8/150.5	150/175	124/138	390/390	
37.6/50.0	104.2/120.3	143.8/132.6	132/150	381/381	381/381	148.5/137.3	150/150	137/154	385/385	149.8/138.6	150/150	138/155	386/386	154.5/143.3	175/175	142/160	390/390	175/175	154.5/143.3	175/175	142/160	390/390		
460-3-60	HIGH	—	—	80/80	70/69	392	392/392	70.6/69.7	80/80	75/74	396	71.6/70.7	80/80	76/75	397	75.4/74.5	90/90	80/79	401	90/90	75.4/74.5	90/90	80/79	401/401
		7.8/10.4	21.7/25.0	80/80	70/69	392/392	392/392	70.6/69.7	80/80	75/74	396/396	71.6/70.7	80/80	76/75	397/397	75.4/74.5	90/90	80/79	401/401	90/90	75.4/74.5	90/90	80/79	401/401
		12.0/16.0	33.4/38.5	80/80	70/69	392/392	392/392	70.6/69.7	80/80	75/74	396/396	71.6/70.7	80/80	76/75	397/397	75.4/74.5	90/90	80/79	401/401	90/90	75.4/74.5	90/90	80/79	401/401
		24.0/32.0	66.7/77.0	110/125	92/103	392/392	392/392	105.1/116.9	110/125	97/108	396/396	106.4/118.1	110/125	98/109	397/397	111.1/122.9	125/125	102/113	401/401	125/125	111.1/122.9	125/125	102/113	401/401
		31.8/42.4	88.4/102.0	150/150	117/132	392/392	392/392	132.3/148.1	150/150	122/136	396/396	133.5/149.4	150/150	123/137	397/397	138.3/154.1	150/175	127/142	401/401	150/175	138.3/154.1	150/175	127/142	401/401
	37.6/50.0	104.2/120.3	147.3/136.2	135/153	392/392	392/392	152.0/140.9	175/175	140/157	396/396	153.3/142.2	175/175	141/158	397/397	158.0/146.9	175/175	145/163	401/401	175/175	158.0/146.9	175/175	145/163	401/401	
	STD	—	—	40	31	180	180	31.7	40	33	182	32.1	40	34	182	33.9	40	36	184	40	33.9	40	36	184
		13.9	16.7	40	31	180	180	31.7	40	33	182	32.1	40	34	182	33.9	40	36	184	40	33.9	40	36	184
		16.5	19.8	40	31	180	180	31.8	40	33	182	32.3	40	34	182	34.5	40	36	184	40	34.5	40	36	184
		33.0	39.7	60	50	180	180	56.6	60	52	182	57.1	60	53	182	59.4	60	55	184	60	59.4	60	55	184
41.7		50.2	70	62	180	180	69.8	70	64	182	70.3	80	65	182	72.5	80	67	184	80	72.5	80	67	184	
50.0	60.1	80	73	180	180	67.1	80	76	182	67.6	80	76	182	69.9	80	78	184	80	69.9	80	78	184		
575-3-60	MED	—	—	40	33	192	192	32.8	40	35	194	33.2	40	35	194	35.0	45	37	196	45	35.0	45	37	196
		13.9	16.7	40	33	192	192	32.8	40	35	194	33.2	40	35	194	35.0	45	37	196	45	35.0	45	37	196
		16.5	19.8	40	33	192	192	33.1	40	35	194	33.6	40	35	194	35.9	45	37	196	45	35.9	45	37	196
		33.0	39.7	60	51	192	192	58.0	60	53	194	58.5	60	54	194	60.8	70	56	196	70	60.8	70	56	196
		41.7	50.2	70	63	192	192	71.1	80	65	194	71.6	80	66	194	73.9	80	68	196	80	73.9	80	68	196
	50.0	60.1	80	75	192	192	68.5	80	77	194	69.0	80	77	194	71.2	80	79	196	80	71.2	80	79	196	
	HIGH	—	—	40	34	197	197	34.3	40	36	199	34.7	45	37	199	36.5	45	39	201	45	36.5	45	39	201
		13.9	16.7	40	34	197	197	34.3	40	36	199	34.7	45	37	199	36.5	45	39	201	45	36.5	45	39	201
		16.5	19.8	40	34	197	197	35.0	40	36	199	35.5	45	37	199	37.8	45	39	201	45	37.8	45	39	201
		33.0	39.7	60	53	197	197	59.9	60	55	199	60.4	70	56	199	62.6	70	58	201	70	62.6	70	58	201
41.7		50.2	80	65	197	197	73.0	80	67	199	73.5	80	68	199	75.8	80	70	201	80	75.8	80	70	201	
50.0	60.1	80	76	197	197	70.4	80	79	199	70.9	80	79	199	73.1	80	81	201	80	73.1	80	81	201		
STD	—	—	30	25	142	142	27.8	30	27	144	28.5	30	27	144	29.5	35	32	148	35	29.5	35	32	148	
	17.0	20.4	35	29	142	142	35.9	40	33	146	33.3	40	31	144	36.0	40	35	148	40	36.0	40	35	148	
	34.0	40.9	60	52	142	142	61.5	70	57	146	58.9	60	54	144	63.6	70	59	148	70	63.6	70	59	148	
	51.0	61.3	80	76	142	142	71.7	80	80	146	69.1	80	78	144	73.8	80	82	148	80	73.8	80	82	148	
	—	—	30	25	142	142	27.8	30	27	144	28.5	30	27	144	29.5	35	32	148	35	29.5	35	32	148	
	17.0	20.4	35	29	142	142	35.9	40	33	146	33.3	40	31	144	36.0	40	35	148	40	36.0	40	35	148	
	34.0	40.9	60	52	142	142	61.5	70	57	146	58.9	60	54	144	63.6	70	59	148	70	63.6	70	59	148	
	51.0	61.3	80	76	142	142	71.7	80	80	146	69.1	80	78	144	73.8	80	82	148	80	73.8	80	82	148	
	—	—	30	27	156	156	28.5	35	32	160	27.4	30	29	158	31.2	35	34	162	35	31.2	35	34	162	
	17.0	20.4	35	31	156	156	38.0	40	35	160	35.4	40	33	158	35.4	40	37	162	40	35.4	40	37	162	
34.0	40.9	60	54	156	156	63.6	70	59	160	61.0	70	56	158	65.8	70	60	162	70	65.8	70	60	162		
51.0	61.3	80	78	156	156	73.8	80	82	160	71.2	80	80	158	75.9	80	84	162	80	75.9	80	84	162		

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 31 – 55&J 16 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH SINGLE SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER		NO P.E.				NO C.O. or UNPWR C.O.				W/ P.E. (pwrd fr/unit)				W/PWRD C.O.			
		Nom* (kW)	FLA	MAX FUSE or HACR BRKR		DISC. SIZE		MCA	w/ P.E. (pwrd fr/unit)		NO P.E.		DISC. SIZE		MCA	w/ P.E. (pwrd fr/unit)		W/PWRD C.O.	
				FLA	BRKR	FLA	LRA		FLA	BRKR	FLA	LRA	FLA	LRA		FLA	LRA		
208/ 230-3-60	STD	-	-	80	71	396	76	400	73.1	80	77	401	76.9	100	81	405			
		12.4/16.5	34.4/39.7	68.3/68.3	80/80	396/396	80/80	76/76	400/400	73.1/73.1	80/80	77/77	401/401	76.9/76.9	100/100	81/81			
		25.2/33.5	69.9/80.6	96.8/110.1	100/125	396/396	110/125	93/106	400/400	102.8/116.1	110/125	95/107	401/401	107.5/120.9	110/125	99/111			
		32.7/43.5	90.7/104.7	122.8/140.3	125/150	396/396	150/150	117/133	400/400	128.8/146.3	150/150	118/135	401/401	133.5/151.0	150/175	123/139			
		37.6/50.0	104.3/120.3	139.9/129.7	150/150	396/396	150/150	133/151	400/400	145.8/135.7	150/150	134/152	401/401	150.5/140.4	175/200	138/157			
	50.3/67.0	139.7/161.2	149.1/170.6	175/200	396/396	169/194	174/198	400/400	153.8/175.3	175/200	175/200	401/401	159.8/181.3	175/200	179/204				
	-	-	80	74	413	79	417	75.6	90	80	79	418	79.4	100	84				
	12.4/16.5	34.4/39.7	70.8/70.8	80/80	413/413	74/74	413/413	79/79	75.6/75.6	100/100	80/80	418/418	79.4/79.4	100/100	84/84				
	25.2/33.5	69.9/80.6	99.9/113.3	100/125	413/413	92/104	413/413	96/109	105.9/119.3	110/125	97/110	418/418	110.6/124.0	125/125	102/114				
	32.7/43.5	90.7/104.7	125.9/143.4	150/150	413/413	116/132	413/413	120/136	131.9/149.4	150/150	121/137	418/418	136.6/154.1	150/175	126/142				
37.6/50.0	104.3/120.3	142.9/132.8	150/150	413/413	131/150	413/413	136/154	148.9/138.8	150/150	137/155	418/418	153.6/143.6	175/175	141/160					
50.3/67.0	139.7/161.2	152.2/173.7	175/200	413/413	172/197	413/413	177/201	158.2/179.7	175/200	178/207	418/418	163.0/184.5	175/200	182/207					
460-3-60	HIGH	-	-	100	86	432	91	436	86.0	100	92	437	89.8	100	96	441			
		12.4/16.5	34.4/39.7	81.2/81.2	100/100	432/432	86/86	432/432	91/91	86.0/86.0	100/100	92/92	437/437	89.8/89.8	100/100	96/96			
		25.2/33.5	69.9/80.6	112.9/126.3	125/150	432/432	104/116	432/432	108/121	118.9/132.3	125/150	109/122	437/437	123.6/137.0	125/150	114/126			
		32.7/43.5	90.7/104.7	138.9/156.4	150/175	432/432	143.6/161.1	436/436	132/148	144.9/162.4	150/175	133/149	437/437	149.6/167.1	150/175	141/141			
		37.6/50.0	104.3/120.3	155.9/145.8	175/175	432/432	143/162	436/436	148/166	161.9/151.8	175/175	149/167	437/437	166.6/156.6	175/175	153/172			
	50.3/67.0	139.7/161.2	165.2/186.7	175/225	432/432	184/209	432/432	188/213	171.2/192.7	200/225	190/214	437/437	176.0/197.5	200/225	194/219				
	-	-	45	35	234	37	236	36.2	45	38	38	236	38.0	50	40				
	16.5	19.9	34.0	45	234	35	37	236	36.2	45	39	245	39.0	50	40				
	33.5	40.3	54.6	60	234	50	52	236	57.4	60	53	245	58.6	60	55				
	43.5	52.3	69.6	70	234	64	66	236	72.4	80	67	245	75.9	80	70				
50.0	60.2	84.9	70	234	73	75	236	87.2	80	76	245	89.9	80	78					
67.0	80.6	84.9	90	234	97	99	236	87.1	100	99	236	89.9	100	101					
575-3-60	MED	-	-	45	37	243	39	245	37.2	50	39	245	39.0	50	41	247			
		16.5	19.9	35.0	45	243	37	243	39	37.2	50	39	245	39.0	50	41			
		33.5	40.3	55.9	60	243	51	243	45	58.6	60	54	245	60.9	70	56			
		43.5	52.3	70.9	80	243	65	243	67	73.6	80	68	245	75.9	80	70			
		50.0	60.2	86.1	80	243	74	243	76	88.5	80	77	245	91.1	80	79			
	67.0	80.6	86.1	100	243	98	243	100	88.9	100	100	245	91.1	100	102				
	-	-	40.8	50	252	43	252	45	43.0	50	46	254	44.8	50	48				
	16.5	19.9	40.8	50	252	43	252	45	43.0	50	46	254	44.8	50	48				
	33.5	40.3	63.1	70	252	58	252	60	65.9	70	61	254	68.1	70	63				
	43.5	52.3	78.1	80	252	72	252	74	80.9	80	74	254	83.1	80	76				
50.0	60.2	73.0	80	252	81	252	83	75.7	80	83	254	78.0	80	86					
67.0	80.6	93.4	100	252	104	252	106	96.1	100	107	254	98.4	100	109					
575-3-60	STD	-	-	30	28	184	32	188	28.2	35	30	186	32.0	40	34	190			
		16.5	15.9	26.5	30	184	28	184	32	28.2	35	30	186	32.0	40	34			
		33.5	32.2	43.8	45	184	45	184	45	45.9	50	42	186	50.6	60	47			
		43.5	41.8	55.8	60	184	51	184	56	57.9	60	53	186	62.6	70	58			
		50.0	48.1	51.6	60	184	59	184	63	53.7	60	60	186	58.5	60	65			
	67.0	64.4	67.9	80	184	77	184	82	70.0	80	79	186	74.8	80	84				
	-	-	30	28	184	32	188	28.2	35	30	186	32.0	40	34	190				
	16.5	15.9	26.5	30	184	28	184	32	28.2	35	30	186	32.0	40	34				
	33.5	32.2	43.8	45	184	45	184	45	45.9	50	42	186	50.6	60	47				
	43.5	41.8	55.8	60	184	51	184	56	57.9	60	53	186	62.6	70	58				
50.0	48.1	51.6	60	184	59	184	63	53.7	60	60	186	58.5	60	65					
67.0	64.4	67.9	80	184	77	184	82	70.0	80	79	186	74.8	80	84					
575-3-60	MED	-	-	40	35	196	39	200	34.4	45	40	198	38.2	45	41	202			
		16.5	15.9	32.7	40	196	35	196	39	34.4	45	40	198	38.2	45	41			
		33.5	32.2	51.5	60	196	47	196	52	53.6	60	49	198	58.4	60	54			
		43.5	41.8	63.5	70	196	63	196	63	65.6	70	60	198	66.2	70	65			
		50.0	48.1	59.4	70	196	66	196	64	61.5	70	68	198	66.2	70	72			
	67.0	64.4	75.7	80	196	84	196	89	77.8	80	86	198	82.5	90	91				
	-	-	40	35	196	39	200	34.4	45	40	198	38.2	45	41	202				
	16.5	15.9	32.7	40	196	35	196	39	34.4	45	40	198	38.2	45	41				
	33.5	32.2	51.5	60	196	47	196	52	53.6	60	49	198	58.4	60	54				
	43.5	41.8	63.5	70	196	63	196	63	65.6	70	60	198	66.2	70	72				
50.0	48.1	59.4	70	196	66	196	64	61.5	70	68	198	66.2	70	72					
67.0	64.4	75.7	80	196	84	196	89	77.8	80	86	198	82.5	90	91					

ELECTRICAL INFORMATION (UNITS PRODUCED PRIOR TO JULY 30, 2012) cont.

Table 32 – 558J 16 UNIT WIRE/FUSE OR HACR BREAKER SIZING DATA 2-STAGE COOLING WITH 2 SPEED INDOOR FAN MOTOR

NOM. V-PH-Hz.	IFM TYPE	ELECTRIC HEATER			NO P.E.					NO C.O. or UNPWR C.O.					w/ P.E. (pwrd fr/unit)					w/ PWRD C.O.				
		Nom (kW)	FLA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	NO P.E.	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	DISC. SIZE		w/ P.E. (pwrd fr/unit)			
						FLA	LRA				FLA	LRA			FLA	LRA			FLA	LRA				
208/ 230-3-60	STD	-	-	69.4/68.6	80/80	73/72	393	393	73.2/72.4	80/80	77/76	397	397	74.2/73.4	90/80	78/77	398	398	78.0/77.2	100/100	82/82	82/82	402	
		12.4/16.5	34.4/39.7	69.4/68.6	80/80	73/72	393/393	393/393	73.2/72.4	80/80	77/76	397/397	397/397	74.2/73.4	90/80	78/77	398/398	398/398	78.0/77.2	100/100	82/82	82/82	402/402	
		25.2/33.5	69.9/80.6	98.1/110.5	100/125	90/102	393/393	393/393	102.9/115.3	110/125	95/106	397/397	397/397	104.1/116.5	110/125	96/107	398/398	398/398	108.9/121.3	110/125	100/112	100/112	402/402	
		32.7/43.5	90.7/104.7	124.1/140.6	125/150	114/129	393/393	393/393	128.9/145.4	150/150	119/134	397/397	397/397	130.1/146.6	150/150	120/135	398/398	398/398	134.9/151.4	150/175	124/139	124/139	402/402	
		37.6/50.0	104.3/120.3	141.1/130.1	130/147	130/147	393/393	393/393	145.9/134.8	150/150	134/152	397/397	397/397	147.1/136.1	150/150	135/153	398/398	398/398	151.9/140.8	175/150	140/157	140/157	402/402	
	50.3/67.0	139.7/161.2	150.5/171.0	175/200	171/194	393/393	393/393	155.2/175.7	175/200	175/199	397/397	397/397	156.5/177.0	175/200	176/200	398/398	398/398	161.2/181.7	175/200	180/204	180/204	402/402		
	MED	-	-	71.6/70.6	80/80	75/74	417	417	75.4/74.4	100/90	79/78	421	421	76.4/75.4	100/100	81/79	422	422	80.2/79.2	100/100	85/84	85/84	426	
		12.4/16.5	34.4/39.7	71.6/70.6	80/80	75/74	417/417	417/417	75.4/74.4	100/90	79/78	421/421	421/421	76.4/75.4	100/100	81/79	422/422	422/422	80.2/79.2	100/100	85/84	85/84	426/426	
		25.2/33.5	69.9/80.6	100.9/113.0	110/125	93/104	417/417	417/417	105.6/117.8	110/125	97/108	421/421	421/421	106.9/119.0	110/125	98/109	422/422	422/422	111.6/123.8	125/125	103/114	103/114	426/426	
		32.7/43.5	90.7/104.7	126.9/143.1	150/150	117/132	417/417	417/417	131.6/147.9	150/150	121/136	421/421	421/421	132.9/149.1	150/150	122/137	422/422	422/422	137.6/153.9	150/175	127/142	127/142	426/426	
37.6/50.0		104.3/120.3	143.9/132.6	150/150	132/150	417/417	417/417	148.6/137.3	150/150	137/154	421/421	421/421	149.9/138.6	150/150	138/155	422/422	422/422	154.6/143.3	175/175	142/160	142/160	426/426		
50.3/67.0	139.7/161.2	153.2/173.5	175/200	173/197	417/417	417/417	158.0/178.2	175/200	177/201	421/421	421/421	159.2/179.5	175/200	179/202	422/422	422/422	164.0/184.2	175/200	183/207	183/207	426/426			
460-3-60	HIGH	-	-	81.2	100	86	432	432	85.0	100	91	436	436	86.0	100	92	437	437	89.8	100	96	96	441	
		12.4/16.5	34.4/39.7	81.2/81.2	100/100	86/86	432/432	432/432	85.0/85.0	100/100	91/91	436/436	436/436	86.0/86.0	100/100	92/92	437/437	437/437	89.8/89.8	100/100	96/96	96/96	441/441	
		25.2/33.5	69.9/80.6	112.9/126.3	125/150	104/116	432/432	432/432	117.6/131.0	125/150	108/121	436/436	436/436	118.9/132.3	125/150	109/122	437/437	437/437	123.6/137.0	125/150	114/126	114/126	441/441	
		32.7/43.5	90.7/104.7	138.9/156.4	150/175	138/144	432/432	432/432	143.6/161.1	150/175	132/148	436/436	436/436	144.9/162.4	150/175	133/149	437/437	437/437	149.6/167.1	150/175	138/154	138/154	441/441	
		37.6/50.0	104.3/120.3	155.9/145.8	175/175	143/162	432/432	432/432	160.6/150.6	175/175	148/166	436/436	436/436	161.9/151.8	175/175	149/167	437/437	437/437	166.6/156.6	175/175	153/172	153/172	441/441	
	50.3/67.0	139.7/161.2	165.2/186.7	175/225	184/209	432/432	432/432	170.0/191.5	175/225	188/213	436/436	436/436	171.2/192.7	200/225	190/214	437/437	437/437	176.0/197.5	200/225	194/219	194/219	441/441		
	STD	-	-	34.4	45	36	233	233	36.2	45	38	235	235	36.6	45	38	235	235	38.4	50	40	40	237	
		16.5	19.9	34.4	45	36	233	233	36.2	45	38	235	235	36.6	45	38	235	235	38.4	50	40	40	237	
		33.5	40.3	55.1	60	51	233	233	57.4	60	53	235	235	57.9	60	53	235	235	60.1	70	55	55	237	
		43.5	52.3	70.1	80	65	233	233	72.4	80	67	235	235	72.9	80	67	235	235	75.1	80	69	69	237	
50.0		60.2	65.0	70	74	233	233	67.2	80	76	235	235	67.7	80	76	235	235	70.0	80	78	78	237		
67.0	80.6	85.4	90	97	233	233	87.6	100	99	235	235	88.1	100	100	235	235	90.4	100	102	102	237			
575-3-60	MED	-	-	35.5	45	37	245	245	37.3	50	39	247	247	37.7	50	40	247	247	39.5	50	42	42	249	
		16.5	19.9	35.5	45	37	245	245	37.3	50	39	247	247	37.7	50	40	247	247	39.5	50	42	42	249	
		33.5	40.3	56.5	60	52	245	245	58.8	60	54	247	247	59.3	60	55	247	247	61.5	70	57	57	249	
		43.5	52.3	71.5	80	66	245	245	73.8	80	68	247	247	74.3	80	68	247	247	76.5	80	70	70	249	
		50.0	60.2	66.3	80	75	245	245	68.6	80	77	247	247	69.1	80	77	247	247	71.3	80	79	79	249	
	67.0	80.6	86.7	100	98	245	245	89.0	100	100	247	247	89.5	100	101	247	247	91.7	100	103	103	249		
	HIGH	-	-	40.8	50	43	252	252	42.6	50	45	254	254	43.0	50	46	254	254	44.8	50	48	48	256	
		16.5	19.9	40.8	50	43	252	252	42.6	50	45	254	254	43.0	50	46	254	254	44.8	50	48	48	256	
		33.5	40.3	63.1	70	58	252	252	65.4	70	60	254	254	65.9	70	61	254	254	68.1	70	63	63	256	
		43.5	52.3	78.1	80	72	252	252	80.4	90	74	254	254	80.9	90	74	254	254	83.1	90	76	76	256	
50.0		60.2	73.0	80	81	252	252	75.2	80	83	254	254	75.7	80	83	254	254	78.0	80	86	86	256		
67.0	80.6	93.4	100	104	252	252	95.6	100	106	254	254	96.1	100	107	254	254	98.4	100	109	109	256			
575-3-60	STD	-	-	28.2	35	30	184	184	32.0	40	34	188	188	29.9	35	32	186	186	33.7	40	36	36	190	
		16.5	15.9	28.2	35	30	184	184	32.0	40	34	188	188	29.9	35	32	186	186	33.7	40	36	36	190	
		33.5	32.2	45.9	50	42	184	184	50.6	60	47	186	186	48.0	50	44	186	186	52.8	60	49	49	190	
		43.5	41.8	57.9	60	53	184	184	62.6	70	58	188	188	60.0	60	55	186	186	64.8	70	60	60	190	
		50.0	48.1	53.7	60	60	184	184	58.5	60	65	188	188	55.9	60	62	186	186	60.6	70	67	67	190	
	67.0	64.4	70.0	80	79	184	184	74.8	80	84	188	188	72.2	80	81	186	186	76.9	80	86	86	190		
	MED	-	-	28.2	35	30	184	184	32.0	40	34	188	188	29.9	35	32	186	186	33.7	40	36	36	190	
		16.5	15.9	28.2	35	30	184	184	32.0	40	34	188	188	29.9	35	32	186	186	33.7	40	36	36	190	
		33.5	32.2	45.9	50	42	184	184	50.6	60	47	186	186	48.0	50	44	186	186	52.8	60	49	49	190	
		43.5	41.8	57.9	60	53	184	184	62.6	70	58	188	188	60.0	60	55	186	186	64.8	70	60	60	190	
50.0		48.1	53.7	60	60	184	184	58.5	60	65	188	188	55.9	60	62	186	186	60.6	70	67	67	190		
67.0	64.4	70.0	80	79	184	184	74.8	80	84	188	188	72.2	80	81	186	186	76.9	80	86	86	190			
575-3-60	HIGH	-	-	32.7	40	35	196	196	36.5	45	39	200	200	34.4	40	37	198	198	38.2	45	41	41	202	
		16.5	15.9	32.7	40	35	196	196	36.5	45	39	200	200	34.4	40	37	198	198	38.2	45	41	41	202	
		33.5	32.2	51.5	60	47	196	196	56.3	60	52	200	200											

LEGEND:

- BRKR - Circuit breaker
- CO - Convenience outlet
- DISC - Disconnect
- FLA - Full load amps
- IFM - Indoor fan motor
- LRA - Locked rotor amps
- MCA - Minimum circuit amps
- MOCP - MAX FUSE or HACR Breaker
- PE - Power exhaust
- PWRD CO - Powered convenient outlet
- UNPWR CO - Unpowered convenient outlet



NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker. Canadian units may be fuse or circuit breaker.
2. **Unbalanced 3-Phase Supply Voltage**
Never operate a motor where a phase imbalance in supply voltage is greater than 2%.
Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 230-3-60



AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{(224 + 231 + 226)}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.

$$(AB) 227 - 224 = 3 \text{ v}$$

$$(BC) 231 - 227 = 4 \text{ v}$$

$$(AC) 227 - 226 = 1 \text{ v}$$

Maximum deviation is 4 v.

Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

SEQUENCE OF OPERATION

General

The sequence below describes the sequence of operation for an electromechanical unit with and without a factory installed EconoMi\$er™ IV and X (called “economizer” in this sequence). For information regarding a direct digital controller, see the start-up, operations, and troubleshooting manual for the applicable controller.

Electromechanical units with no economizer

Cooling (Single speed indoor fan motor) —

When the thermostat calls for cooling, terminals G and Y1 are energized. As a result, the indoor fan contactor (IFC) and the compressor contactor (C1) are energized, causing the indoor fan motor (IFM), compressor #1, and outdoor fan to start. If the unit has 2 stages of cooling, the thermostat will additionally energize Y2. The Y2 signal will energize compressor contactor #2 (C2), causing compressor #2 to start. Regardless of the number of stages, the outdoor fan motor runs continuously while unit is cooling.

Cooling (2-speed indoor fan motor) —

Per ASHRAE 90.1 2010 standard section 6.4.3.10.b, during the first stage of cooling operation the VFD will adjust the fan motor to provide 2/3rd of the total cfm established for the unit. When a call for the second stage of cooling is required, the VFD will allow the total cfm for the unit established (100%).

Heating

NOTE: The 558J is sold as cooling only. If electric heaters are required, use only factory-approved electric heaters. They will operate as described below.

Units have either 1 or 2 stages of electric heat. When the thermostat calls for heating, power is applied to the W1 terminal at the unit. The unit control will energize the indoor fan contactor and the first stage of electric heat. On units with 2-stage heating, when additional heating is required, the second stage of electric heat (if equipped) will be energized when power is applied at the W2 terminal on the unit.

Electromechanical units with an economizer

Cooling —

When free cooling is not available, the compressors will be controlled by the zone thermostat. When free cooling is available, the outdoor air damper is modulated by the EconoMi\$er IV and X control to provide a 50°F (10°C) to 55°F (13°C) mixed air temperature into the zone. As the mixed air temperature fluctuates above 55°F (13°C) or below 50°F (10°C) dampers will be modulated (open or close) to bring the mixed air temperature back within control. If mechanical cooling is utilized with free cooling, the outdoor air damper will maintain its current position at the time the compressor is started. If the

increase in cooling capacity causes the mixed air temperature to drop below 45°F (9°C), then the outdoor air damper position will be decreased to the minimum position. If the mixed air temperature continues to fall, the outdoor air damper will close. Control returns to normal once the mixed air temperature rises above 48°F (9°C). The power exhaust fans will be energized and de-energized, if installed, as the outdoor air damper opens and closes.

If field-installed accessory CO₂ sensors are connected to the EconoMi\$er IV and X control, a demand controlled ventilation strategy will begin to operate. As the CO₂ level in the zone increases above the CO₂ setpoint, the minimum position of the damper will be increased proportionally. As the CO₂ level decreases because of the increase in fresh air, the outdoor air damper will be proportionally closed. For EconoMi\$er IV and X operation, there must be a thermostat call for the fan (G). If the unit is occupied and the fan is on, the damper will operate at minimum position. Otherwise, the damper will be closed.

When the EconoMi\$er IV and X control is in the occupied mode and a call for cooling exists (Y1 on the thermostat), the control will first check for indoor fan operation. If the fan is not on, then cooling will not be activated. If the fan is on, then the control will open the EconoMi\$er IV and X damper to the minimum position.

On the initial power to the EconoMi\$er IV and X control, it will take the damper up to 2 1/2 minutes before it begins to position itself. After the initial power-up, further changes in damper position can take up to 30 seconds to initiate. Damper movement from full closed to full open (or vice versa) will take between 1 1/2 and 2 1/2 minutes. If free cooling can be used as determined from the appropriate changeover command (switch, dry bulb, enthalpy curve, differential dry bulb, or differential enthalpy), then the control will modulate the dampers open to maintain the mixed air temperature setpoint at 50°F (10°C) to 55°F (13°C). If there is a further demand for cooling (cooling second stage - Y2 is energized), then the control will bring on compressor stage 1 to maintain the mixed air temperature setpoint. The EconoMi\$er IV and X damper will be open at maximum position. EconoMi\$er IV and X operation is limited to a single compressor.

2-Speed Note: When operating in ventilation mode only, the indoor fan motor will automatically adjust to 2/3rd of the total cfm established.

Heating

The sequence of operation for the heating is the same as an electromechanical unit with no economizer. The only difference is how the economizer acts. The economizer will stay at the Economizer Minimum Position while the evaporator fan is operating. The outdoor air damper is closed when the indoor fan is not operating.

SEQUENCE OF OPERATION (cont.)

Optional Perfect Humidity System

Units with the factory equipped Perfect Humidity option are capable of providing multiple modes of improved dehumidification as a variation of the normal cooling cycle. The Perfect Humidity option includes additional valves in the liquid line and discharge line of each refrigerant circuit, a small reheat condenser coil downstream of the evaporator, and Motormaster variable-speed control of some or all outdoor fans. Operation of the revised refrigerant circuit for each mode is described below.

The Perfect Humidity system provides three sub-modes of operation: Cool, Reheat1, and Reheat2.

Cool mode - provides a normal ratio of Sensible and Latent Cooling effect from the evaporator coil.

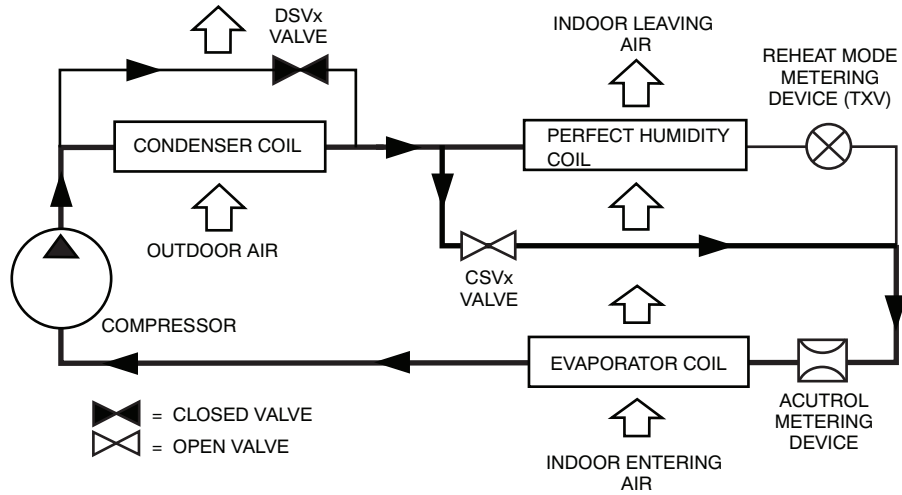
Reheat1 - provides increased Latent Cooling while slightly reducing the Sensible Cooling effect.

Reheat2 - provides normal Latent Cooling but with null or minimum Sensible Cooling effect delivered to the space.

The Reheat1 and Reheat2 modes are available when the unit is not in a Heating mode and when the Low Ambient Lockout switch is closed.

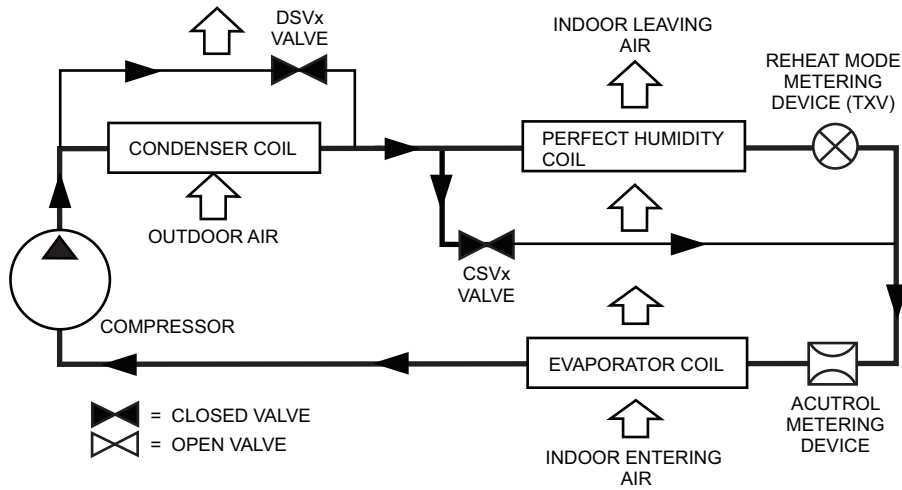
The following diagrams depict piping for Single Stage cooling units.

SEQUENCE OF OPERATION (cont.)



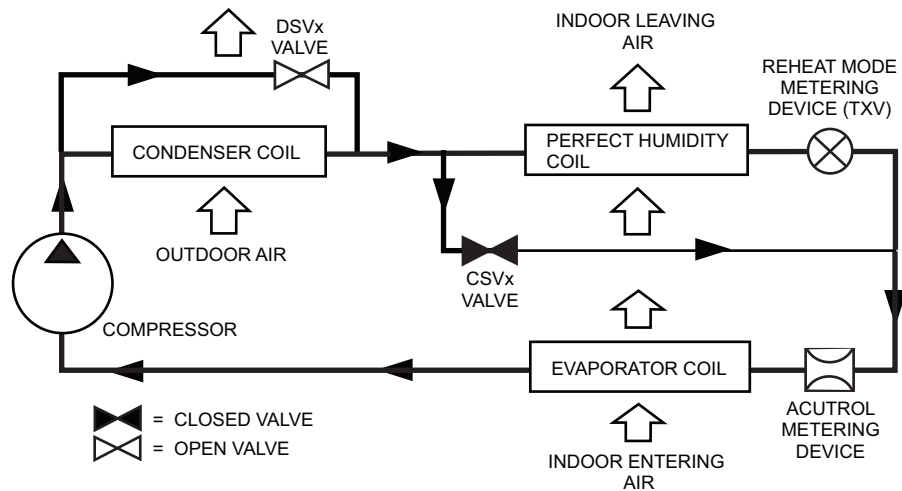
C12650

Normal Cooling Mode - Perfect Humidity System with Single Stage Cooling



C12651

Subcooling Mode (Reheat 1) - Perfect Humidity System with Single Stage Cooling



C12652

Hot Gas Reheat Mode (Reheat 2) - Perfect Humidity System with Single Stage Cooling

Cooling Only/Electric Heat Packaged Rooftop

HVAC Guide Specifications

Size Range: 3 to 15 Nominal Tons



<u>Section</u>	<u>Description</u>
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23 06 80	Schedules for Decentralized HVAC Equipment
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23 06 80.13	Decentralized Unitary HVAC Equipment Schedule
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23 06 80.13.A.	Rooftop unit schedule
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| 1. | Schedule is per the project specification requirements. |
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23 07 16	HVAC Equipment Insulation
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23 07 16.13	Decentralized, Rooftop Units:
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23 07 16.13.A.	Evaporator fan compartment:
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| 1. | Interior cabinet surfaces shall be insulated with a minimum 1/2-in. thick, minimum 1 1/2 lb density, flexible fiberglass insulation bonded with a phenolic binder, neoprene coated on the air side. |
| 2. | Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation. |

23 07 16.13.B.	Electric heat compartment:
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| 1. | Aluminum foil-faced fiberglass insulation shall be used. |
| 2. | Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation. |

23 09 13	Instrumentation and Control Devices for HVAC
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23 09 13.23	Sensors and Transmitters
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23 09 13.23.A.	Thermostats
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| 1. | Thermostat must |
| a. | energize both "W" and "G" when calling for heat. |
| b. | have capability to energize 2 different stages of cooling, and 2 different stages of heating. |
| c. | include capability for occupancy scheduling. |

23 09 23	Direct-digital Control system for HVAC
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23 09 23.13	Decentralized, Rooftop Units:
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23 09 23.13.A.	N/A
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23 09 23.13.B.	Open protocol, direct digital controller:
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| 1. | Shall be ASHRAE 62-2001 compliant. |
| 2. | Shall accept 18-30VAC, 50-60Hz, and consumer 15VA or less power. |
| 3. | Shall have an operating temperature range from -40°F (-40°C) to 130°F (54°C), 10% - 90% RH (non-condensing). |
| 4. | Shall include built-in protocol for BACNET (MS/TP and PTP modes), Modbus (RTU and ASCII), Johnson N2 and LonWorks. LonWorks Echelon processor required for all Lon applications shall be contained in separate communication board. |
| 5. | Shall allow access of up to 62 network variables (SNVT). Shall be compatible with all open controllers |
| 6. | Baud rate Controller shall be selectable using a dipswitch. |
| 7. | Shall have an LED display independently showing the status of serial communication, running, errors, power, all digital outputs, and all analog inputs. |
| 8. | Shall accept the following inputs: space temperature, setpoint adjustment, outdoor air temperature, indoor air quality, outdoor air quality, compressor lock-out, fire shutdown, enthalpy switch, and fan status/filter status/humidity/ remote occupancy. |
| 9. | Shall provide the following outputs: economizer, fan, cooling stage 1, cooling stage 2, heat stage 1, heat stage 2, heat stage 3/ exhaust/ reversing valve. |
| 10. | Shall have built-in surge protection circuitry through solid state polyswitches. Polyswitches shall be used on incoming power and network connections. Polyswitches will return to normal when the "trip" condition clears. |
| 11. | Shall have a battery backup capable of a minimum of 10,000 hours of data and time clock retention during power outages. |
| 12. | Shall have built-in support for Bryant technician tool. |

13. Shall include an EIA-485 protocol communication port, an access port for connection of either a computer or a Bryant technician tool, an EIA-485 port for network communication to intelligent space sensors and displays, and a port to connect an optional LonWorks communications card.
14. Software upgrades will be accomplished by either local or remote download. No software upgrades through chip replacements are allowed.

23 09 33 Electric and Electronic Control System for HVAC

23 09 33.13 Decentralized, Rooftop Units:

23 09 33.13.A. General:

1. Shall be complete with self-contained low-voltage control circuit protected by a resettable circuit breaker on the 24-v transformer side. Transformer shall have 75VA capability.
2. Shall utilize color-coded wiring.
3. Shall include a central control terminal board to conveniently and safely provide connection points for vital control functions such as: smoke detectors, phase monitor, economizer, thermostat, DDC control options, and low and high pressure switches.
4. Unit shall include a minimum of one 8-pin screw terminal connection board for connection of control wiring.

23 09 33.23.B. Safeties:

1. Compressor over-temperature, over current.
2. Low pressure switch.
 - a. Units with 2 compressors shall have different sized connectors for the circuit 1 and circuit 2 low and high pressure switches. They shall physically prevent the cross-wiring of the safety switches between circuits 1 and 2.
 - b. Low pressure switch shall use different color wire than the high pressure switch. The purpose is to assist the installer and service technician to correctly wire and or troubleshoot the rooftop unit.
3. High pressure switch.
 - a. Units with 2 compressors shall have different sized connectors for the circuit 1 and circuit 2 low and high pressure switches. They shall physically prevent the cross-wiring of the safety switches between circuits 1 and 2.
 - b. High pressure switch shall use different color wire than the low pressure switch. The purpose is to assist the installer and service technician to correctly wire and or troubleshoot the rooftop unit.
4. Automatic reset, motor thermal overload protector.

23 09 93 Sequence of Operations for HVAC Controls

23 09 93.13 Decentralized, Rooftop Units:

23 09 93.13 INSERT SEQUENCE OF OPERATION

23 40 13 Panel Air Filters

23 40 13.13 Decentralized, Rooftop Units:

23 40 13.13.A. Standard filter section

1. Shall consist of factory-installed, low velocity, throwaway 2-in. thick fiberglass filters of commercially available sizes.
2. Unit shall use only one filter size. Multiple sizes are not acceptable.
3. Filters shall be accessible through an access panel with "no-tool" removal as described in the unit cabinet section of this specification (23 81 19.13.H).

23 81 19 Self-Contained Air Conditioners

23 81 19.13 Small-Capacity Self-Contained Air Conditioners (558J 04-16)

23 81 19.13.A. General

1. Outdoor, rooftop mounted, electrically controlled, heating and cooling unit utilizing a(n) hermetic scroll compressor(s) for cooling duty and gas combustion for heating duty.
2. Factory assembled, single-piece heating and cooling rooftop unit. Contained within the unit enclosure shall be all factory wiring, piping, controls, and special features required prior to field start-up.
3. Unit shall use environmentally safe, Puron refrigerant.
4. Unit shall be installed in accordance with the manufacturer's instructions.
5. Unit must be selected and installed in compliance with local, state, and federal codes.

23 81 19.13.B. Quality Assurance

1. Unit meets ASHRAE 90.1 minimum efficiency requirements.
2. Unit shall be rated in accordance with AHRI Standards 210/240 and 340/360.

3. Unit shall be designed to conform to ASHRAE 15, 2001.
4. Unit shall be UL-tested and certified in accordance with ANSI Z21.47 Standards and UL-listed and certified under Canadian standards as a total package for safety requirements.
5. Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation.
6. Unit casing shall be capable of withstanding 500-hour salt spray exposure per ASTM B117 (scribed specimen).
7. Unit casing shall be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 5000-hour salt spray.
8. Unit shall be designed in accordance with ISO 9001:2000, and shall be manufactured in a facility registered by ISO 9001:2000.
9. Roof curb shall be designed to conform to NRCA Standards.
10. Unit shall be subjected to a completely automated run test on the assembly line. The data for each unit will be stored at the factory, and must be available upon request.
11. Unit shall be designed in accordance with UL Standard 1995, including tested to withstand rain.
12. Unit shall be constructed to prevent intrusion of snow and tested to prevent snow intrusion into the control box up to 40 mph.
13. Unit shake tested to assurance level 1, ASTM D4169 to ensure shipping reliability.
14. High Efficient Motors listed shall meet section 313 of the Energy Independence and Security Act of 2007 (EISA 2007).

23 81 19.13.C. Delivery, Storage, and Handling

1. Unit shall be stored and handled per manufacturer's recommendations.
2. Lifted by crane requires either shipping top panel or spreader bars.
3. Unit shall only be stored or positioned in the upright position.

23 81 19.13.D. Project Conditions

1. As specified in the contract.

23 81 19.13.E. Project Conditions

1. As specified in the contract.

23 81 19.13.F. Operating Characteristics

1. Unit shall be capable of starting and running at 115°F (46°C) ambient outdoor temperature, meeting maximum load criteria of AHRI Standard 210/240 or 340/360 at $\pm 10\%$ voltage.
2. Compressor with standard controls shall be capable of operation down to 40°F (4°C), ambient outdoor temperatures. Accessory winter start kit is necessary if mechanically cooling at ambient temperatures down to 25°F (-4°C).
3. Unit shall discharge supply air vertically or horizontally as shown on contract drawings.
4. Unit shall be factory configured for vertical supply & return configurations.
5. Unit shall be field convertible from vertical to horizontal airflow on all models. No special kit required on 04-14 models. Supply duct kit required for 16 size model only.
6. Unit shall be capable of mixed operation: vertical supply with horizontal return or horizontal supply with vertical return.

23 81 19.13.G. Electrical Requirements

1. Main power supply voltage, phase, and frequency must match those required by the manufacturer.

23 81 19.13.H. Unit Cabinet

1. Unit cabinet shall be constructed of galvanized steel, and shall be bonderized and coated with a pre-painted baked enamel finish on all externally exposed surfaces.
2. Unit cabinet exterior paint shall be: film thickness, (dry) 0.003 inches minimum, gloss (per ASTM D523, 60°F): 60, Hardness: H-2H Pencil hardness.
3. Evaporator fan compartment interior cabinet insulation shall conform to AHRI Standards 210/240 or 340/360 minimum exterior sweat criteria. Interior surfaces shall be insulated with a minimum 1/2-in. thick, 1 lb density, flexible fiberglass insulation, neoprene coated on the air side. Aluminum foil-faced fiberglass insulation shall be used in the heat compartment.
4. Base of unit shall have a minimum of four locations for thru-the-base gas and electrical connections (factory installed or field installed), standard.
5. Base Rail
 - a. Unit shall have base rails on a minimum of 2 sides.
 - b. Holes shall be provided in the base rails for rigging shackles to facilitate maneuvering and overhead rigging.
 - c. Holes shall be provided in the base rail for moving the rooftop by fork truck.

- d. Base rail shall be a minimum of 16 gauge thickness.
- 6. Condensate pan and connections:
 - a. Shall be a sloped condensate drain pan made of a non-corrosive material.
 - b. Shall comply with ASHRAE Standard 62.
 - c. Shall use a 3/4" -14 NPT drain connection, possible either through the bottom or end of the drain pan. Connection shall be made per manufacturer's recommendations.
- 7. Top panel:
 - a. Shall be a single piece top panel on 04 thru 12 sizes, two piece on 14 and 16 size.
- 8. Electrical Connections
 - a. All unit power wiring shall enter unit cabinet at a single, factory-prepared, knockout location.
 - b. Thru-the-base capability
 - (1.) Standard unit shall have a thru-the-base electrical location(s) using a raised, embossed portion of the unit basepan.
 - (2.) Optional, factory-approved, water-tight connection method must be used for thru-the-base electrical connections.
 - (3.) No basepan penetration, other than those authorized by the manufacturer, is permitted.
- 9. Component access panels (standard)
 - a. Cabinet panels shall be easily removable for servicing.
 - b. Unit shall have one factory installed, tool-less, removable, filter access panel.
 - c. Panels covering control box, indoor fan, indoor fan motor, gas components (where applicable), and compressors shall have molded composite handles.
 - d. Handles shall be UV modified, composite, permanently attached, and recessed into the panel.
 - e. Screws on the vertical portion of all removable access panel shall engage into heat resistant, molded composite collars.
 - f. Collars shall be removable and easily replaceable using manufacturer recommended parts.

23 81 19.13.I. N/A

23 81 19.13.J. Coils

- 1. Standard Aluminum fin - Copper Tube Coils:
 - a. Standard evaporator and condenser coils shall have aluminum lanced plate fins mechanically bonded to seamless internally grooved copper tubes with all joints brazed.
 - b. Evaporator coils shall be leak tested to 150 psig, pressure tested to 450 psig, and qualified to UL 1995 burst test at 1775 psig.
 - c. Condenser coils shall be leak tested to 150 psig, pressure tested to 650 psig, and qualified to UL 1995 burst test at 1980 psig.
- 2. Optional Pre-coated aluminum-fin condenser coils (3 Phase Models Only):
 - a. Shall have a durable epoxy-phenolic coating to provide protection in mildly corrosive coastal environments.
 - b. Coating shall be applied to the aluminum fin stock prior to the fin stamping process to create an inert barrier between the aluminum fin and copper tube.
 - c. Epoxy-phenolic barrier shall minimize galvanic action between dissimilar metals.
- 3. Optional Copper-fin evaporator and condenser coils (3 Phase Models Only):
 - a. Shall be constructed of copper fins mechanically bonded to copper tubes and copper tube sheets.
 - b. Galvanized steel tube sheets shall not be acceptable.
 - c. A polymer strip shall prevent coil assembly from contacting the sheet metal coil pan to minimize potential for galvanic corrosion between coil and pan.
- 4. Optional E-coated aluminum-fin evaporator and condenser coils (3 Phase Models Only):
 - a. Shall have a flexible epoxy polymer coating uniformly applied to all coil surface areas without material bridging between fins.
 - b. Coating process shall ensure complete coil encapsulation of tubes, fins and headers.
 - c. Color shall be high gloss black with gloss per ASTM D523-89.
 - d. Uniform dry film thickness from 0.8 to 1.2 mil on all surface areas including fin edges.
 - e. Superior hardness characteristics of 2H per ASTM D3363-92A and cross-hatch adhesion of 4B-5B per ASTM D3359-93.
 - f. Impact resistance shall be up to 160 in.-lb (ASTM D2794-93).

- g. Humidity and water immersion resistance shall be up to minimum 1000 and 250 hours respectively (ASTM D2247-92 and ASTM D870-92).
 - h. Corrosion durability shall be confirmed through testing to be no less than 1000 hours salt spray per ASTM B117-90.
5. Standard All Aluminum Novation Coils:
- a. Standard condenser coils shall have all aluminum Novation Heat Exchanger Technology design consisting of aluminum multi port flat tube design and aluminum fin. Coils shall be a furnace brazed design and contain epoxy lined shrink wrap on all aluminum to copper connections.
 - b. Condenser coils shall be leak tested to 150 psig, pressure tested to 650 psig, and qualified to UL 1995 burst test at 1980 psig.
6. Optional E-coated aluminum-fin, aluminum tube condenser coils:
- a. Shall have a flexible epoxy polymer coating uniformly applied to all coil external surface areas without material bridging between fins or louvers.
 - b. Coating process shall ensure complete coil encapsulation, including all exposed fin edges.
 - c. E-coat thickness of 0.8 to 1.2 mil with top coat having a uniform dry film thickness from 1.0 to 2.0 mil on all external coil surface areas, including fin edges, shall be provided.
 - d. Shall have superior hardness characteristics of 2H per ASTM D3363-00 and cross-hatch adhesion of 4B-5B per ASTM D3359-02.
 - e. Shall have superior impact resistance with no cracking, chipping or peeling per NSF/ANSI 51-2002 Method 10.2.

23 81 19.13.K. Refrigerant Components

1. Refrigerant circuit shall include the following control, safety, and maintenance features:
 - a. Fixed orifice metering system shall prevent mal-distribution of two-phase refrigerant by including multiple fixed orifice devices in each refrigeration circuit. Each orifice is to be optimized to the coil circuit it serves.
 - b. Refrigerant filter drier.
 - c. Service gauge connections on suction and discharge lines.
 - d. Pressure gauge access through a specially designed access port in the top panel of the unit.
2. There shall be gauge line access port in the skin of the rooftop, covered by a black, removable plug.
 - a. The plug shall be easy to remove and replace.
 - b. When the plug is removed, the gauge access port shall enable maintenance personnel to route their pressure gauge lines.
 - c. This gauge access port shall facilitate correct and accurate condenser pressure readings by enabling the reading with the compressor access panel on.
 - d. The plug shall be made of a leak proof, UV-resistant, composite material.
3. Compressors
 - a. Unit shall use one fully hermetic, scroll compressor for each independent refrigeration circuit.
 - b. Compressor motors shall be cooled by refrigerant gas passing through motor windings.
 - c. Compressors shall be internally protected from high discharge temperature conditions.
 - d. Compressors shall be protected from an over-temperature and over-amperage conditions by an internal, motor overload device.
 - e. Compressor shall be factory mounted on rubber grommets.
 - f. Compressor motors shall have internal line break thermal, current overload and high pressure differential protection.
 - g. Crankcase heaters shall not be required for normal operating range, unless provided by compressor manufacturer due to refrigerant charge limits.

23 81 19.13.L. Filter Section

1. Filters access is specified in the unit cabinet section of this specification.
2. Filters shall be held in place by a pivoting filter tray, facilitating easy removal and installation.
3. Shall consist of factory-installed, low velocity, throw-away 2-in. thick fiberglass filters.
4. Filters shall be standard, commercially available sizes.
5. Only one size filter per unit is allowed.

23 81 19.13.M. Evaporator Fan and Motor

1. Evaporator fan motor:
 - a. Shall have permanently lubricated bearings.
 - b. Shall have inherent automatic-reset thermal overload protection or circuit breaker.

- c. Shall have a maximum continuous bhp rating for continuous duty operation; no safety factors above that rating shall be required.
- 2. Belt-driven Evaporator Fan:
 - a. Belt drive shall include an adjustable pitch motor pulley.
 - b. Shall use sealed, permanently lubricated ball-bearing type.
 - c. Blower fan shall be double-inlet type with forward-curved blades.
 - d. Shall be constructed from steel with a corrosion resistant finish and dynamically balanced.

23 81 19.13.N. Condenser Fans and Motors

- 1. Condenser fan motors:
 - a. Shall be a totally enclosed motor.
 - b. Shall use permanently lubricated bearings.
 - c. Shall have inherent thermal overload protection with an automatic reset feature.
 - d. Shall use a shaft-down design on 04 to 12 and 16 size models and shaft-up design on 14 size with rain shield.
- 2. Condenser Fans:
 - a. Shall be a direct-driven propeller type fan.
 - b. Shall have galvalum blades riveted to corrosion-resistant steel spiders and shall be dynamically balanced.

23 81 19.13.O. Special Features, Options and Accessories

- 1. 2-speed indoor fan motor for 2-stage cooling models only.
 - a. Evaporator fan motor:
 - (1.) Shall have permanently lubricated bearings.
 - (2.) Shall have a maximum continuous bhp rating for continuous duty operation; no safety factors above that rating.
 - (3.) Shall be Variable Frequency duty and 2-speed control.
 - (4.) Shall contain motor shaft grounding ring to prevent electrical bearing fluting damage by safely diverting harmful shaft voltages and bearing currents to ground.
- 2. Variable Frequency Drive (VFD). Only available on 2-speed indoor fan motor option:
 - a. Shall be installed inside the unit cabinet, mounted, wired and tested.
 - b. Shall contain Electromagnetic Interference (EMI) frequency protection.
 - c. Insulated Gate Bi-Polar Transistors (IGBT) used to produce the output pulse width modulated (PWM) waveform, allowing for quiet motor operation.
 - d. Self diagnostics with fault and power code LED indicator. Field accessory Display Kit available for further diagnostics and special setup applications.
 - e. RS485 capability standard.
 - f. Electronic thermal overload protection.
 - g. 5% swinging chokes for harmonic reduction and improved power factor.
 - h. All printed circuit boards shall be conformal coated.
- 3. Standard Integrated Economizers (Factory installed on 3 Phase Models Only. Field installed on all 3 and 1 Phase Models):
 - a. Integrated, gear-driven opposing modulating blade design type capable of simultaneous economizer and compressor operation.
 - b. Independent modules for vertical or horizontal return configurations shall be available. Vertical return modules shall be available as a factory installed option.
 - c. Damper blades shall be galvanized steel with composite gears. Plastic or composite blades on intake or return shall not be acceptable.
 - d. Shall include all hardware and controls to provide free cooling with outdoor air when temperature and/or humidity are below setpoints.
 - e. Shall be equipped with gear driven dampers for both the outdoor ventilation air and the return air for positive air stream control.
 - f. Standard models shall be equipped with low-leakage dampers, not to exceed 2% leakage at 1 in. wg pressure differential. Economizer controller on electromechanical units shall be Honeywell W7212 that provides:
 - (1.) Combined minimum and DCV maximum damper position potentiometers with compressor staging relay.
 - (2.) Functions with solid state analog enthalpy or dry bulb changeover control sensing.

- (3.) Contain LED indicates for:
 - When free cooling is available
 - When module is in DCV mode
 - When exhaust fan contact is closed
- g. Ultra low leak EconoMi\$er X system shall be available on models with 2-speed indoor fan motor 2-speed Variable Frequency Drive (VFD) systems. Only available on 2-Speed Indoor Fan Motor Systems with electromechanical controls or RTU Open.
 - (1.) Maximum damper leakage rate to be equal to or less than 4.0 cfm/sq. ft. at 1.0 in. w.g., meeting or exceeding ASHRAE 90.1 requirements. Economizer controller on electromechanical units shall be Honeywell W7220 that provides:
 - (2.) 2-line LCD interface screen for setup, configuration and troubleshooting
 - (3.) On-board fault detection and diagnostics
 - (4.) Sensor failure loss of communication identification
 - (5.) Automatic sensor detection
 - (6.) Capabilities for use with multiple-speed indoor fan systems
 - (7.) Utilize digital sensors: Dry bulb and Enthalpy
 - h. Shall be capable of introducing up to 100% outdoor air.
 - i. Shall be equipped with a barometric relief damper capable of relieving up to 100% return air.
 - j. Shall be designed to close damper(s) during loss-of-power situations with spring return built into motor.
 - k. Dry bulb outdoor air temperature sensor shall be provided as standard. Outdoor air sensor setpoint shall be adjustable and shall range from 40 to 100°F / 4 to 38°C. Additional sensor options shall be available as accessories.
 - l. The economizer controller shall also provide control of an accessory power exhaust unit function. Factory set at 100%, with a range of 0% to 100%.
 - m. The economizer shall maintain minimum airflow into the building during occupied period and provide design ventilation rate for full occupancy. A remote potentiometer may be used to override the damper setpoint.
 - n. Dampers shall be completely closed when the unit is in the unoccupied mode.
 - o. Economizer controller shall accept a 2-10 Vdc CO₂ sensor input for IAQ/DCV control. In this mode, dampers shall modulate the outdoor air damper to provide ventilation based on the sensor input.
 - p. Compressor lockout sensor shall open at 35°F (2°C) and close closes at 50°F (10°C).
 - q. Actuator shall be direct coupled to economizer gear. No linkage arms or control rods shall be acceptable.
 - r. Economizer controller shall provide indications when in free cooling mode, in the DCV mode, or the exhaust fan contact is closed.
- 4. Two-Position Damper (Factory installed on 3 Phase Models Only. Field installed on all 3 and 1 Phase Models)
 - a. Damper shall be a Two-Position Damper. Damper travel shall be from the full closed position to the field adjustable %-open setpoint.
 - b. Damper shall include adjustable damper travel from 25% to 100% (full open).
 - c. Damper shall include single or dual blade, gear driven dampers and actuator motor.
 - d. Actuator shall be direct coupled to damper gear. No linkage arms or control rods shall be acceptable.
 - e. Damper will admit up to 100% outdoor air for applicable rooftop units.
 - f. Damper shall close upon indoor (evaporator) fan shutoff and/or loss of power.
 - g. The damper actuator shall plug into the rooftop unit's wiring harness plug. No hard wiring shall be required.
 - h. Outside air hood shall include aluminum water entrainment filter
- 5. Manual damper
 - a. Manual damper package shall consist of damper, air inlet screen, and rain hood which can be preset to admit up to 50% outdoor air for year round ventilation.
- 6. Perfect Humidity System (3 Phase Models Only).
 - a. The Perfect Humidity System shall be factory-installed in single stage 558J 04-07 and 2-stage 558J 08-16 models with RTPF (round tube plate fin) condenser coils, and shall provide greater dehumidification of the occupied space by two modes of dehumidification operations beside its normal design cooling mode:
 - (1.) Subcooling mode further subcools the hot liquid refrigerant leaving the condenser coil when both temperature and humidity in the space are not satisfied.

- (2.) Hot gas reheat mode shall mix a portion of the hot gas from the discharge of the compressor with the hot liquid refrigerant leaving the condenser coil to create a two-phase heat transfer in the system, resulting in a neutral leaving- air temperature when only humidity in the space is not satisfied.
 - (3.) Includes Head Pressure Controller.
- 7. Head Pressure Control Package
 - a. Controller shall control coil head pressure by condenser-fan speed modulation or condenser-fan cycling and wind baffles.
 - b. Shall consist of solid-state control and condenser-coil temperature sensor to maintain condensing temperature between 90°F (32°C) and 110°F (43°C) at outdoor ambient temperatures down to -20°F (-29°C).
- 8. Condenser Coil Hail Guard Assembly (Factory installed on 3 Phase Models Only. Field installed on all 3 and 1 Phase Models)
 - a. Shall protect against damage from hail.
 - b. Shall be louvered design.
- 9. Unit-Mounted, Non-Fused Disconnect Switch (Available on units with MOCP's of 80 amps or less):
 - a. Switch shall be factory-installed, internally mounted.
 - b. National Electric Code (NEC) and UL approved non-fused switch shall provide unit power shutoff.
 - c. Shall be accessible from outside the unit
 - d. Shall provide local shutdown and lockout capability.
- 10. Convenience Outlet (3 Phase Models Only):
 - a. Powered convenience outlet.
 - (1.) Outlet shall be powered from main line power to the rooftop unit.
 - (2.) Outlet shall be powered from line side or load side of disconnect by installing contractor, as required by code. If outlet is powered from load side of disconnect, unit electrical ratings shall be UL certified and rated for additional outlet amperage.
 - (3.) Outlet shall be factory-installed and internally mounted with easily accessible 115-v female receptacle.
 - (4.) Outlet shall include 15 amp GFI receptacles with independent fuse protection.
 - (5.) Voltage required to operate convenience outlet shall be provided by a factory-installed step-down transformer.
 - (6.) Outlet shall be accessible from outside the unit.
 - (7.) Outlet shall include a field-installed "Wet in Use" cover.
 - b. Non-Powered convenience outlet.
 - (1.) Outlet shall be powered from a separate 115/120v power source.
 - (2.) A transformer shall not be included.
 - (3.) Outlet shall be factory-installed and internally mounted with easily accessible 115-v female receptacle.
 - (4.) Outlet shall include 15 amp GFI receptacles with independent fuse protection.
 - (5.) Outlet shall be accessible from outside the unit.
 - (6.) Outlet shall include a field-installed "Wet in Use" cover.
- 11. Thru-the-Base Connectors:
 - a. Kits shall provide connectors to permit electrical connections to be brought to the unit through the unit basepan.
 - b. Minimum of four connection locations per unit.
- 12. Supply Duct Cover (16 size only):
 - a. Required when field converting the factory standard vertical duct supply to horizontal duct supply configuration. One required per unit.
- 13. Propeller Power Exhaust:
 - a. Power exhaust shall be used in conjunction with an integrated economizer.
 - b. Independent modules for vertical or horizontal return configurations shall be available.
 - c. Horizontal power exhaust is shall be mounted in return ductwork.
 - d. Power exhaust shall be controlled by economizer controller operation. Exhaust fans shall be energized when dampers open past the 0-100% adjustable setpoint on the economizer control.
- 14. Roof Curbs (Vertical):
 - a. Full perimeter roof curb with exhaust capability providing separate air streams for energy recovery from the exhaust air without supply air contamination.

- b. Formed galvanized steel with wood nailer strip and shall be capable of supporting entire unit weight.
 - c. Permits installation and securing of ductwork to curb prior to mounting unit on the curb.
- 15. Thru-the-Bottom Utility Connectors:
 - a. Kit shall provide connectors to permit gas and electrical connections to be brought to the unit through the basepan.
- 16. Outdoor Air Enthalpy Sensor:
 - a. The outdoor air enthalpy sensor shall be used to provide single enthalpy control. When used in conjunction with a return air enthalpy sensor, the unit will provide differential enthalpy control. The sensor allows the unit to determine if outside air is suitable for free cooling.
- 17. Return Air Enthalpy Sensor:
 - a. The return air enthalpy sensor shall be used in conjunction with an outdoor air enthalpy sensor to provide differential enthalpy control.
- 18. Indoor Air Quality (CO₂) Sensor:
 - a. Shall be able to provide demand ventilation indoor air quality (IAQ) control.
 - b. The IAQ sensor shall be available in duct mount, wall mount, or wall mount with LED display. The set-point shall have adjustment capability.
- 19. Smoke detectors (factory-installed only):
 - a. Shall be a Four-Wire Controller and Detector.
 - b. Shall be environmental compensated with differential sensing for reliable, stable, and drift-free sensitivity.
 - c. Shall use magnet-activated test/reset sensor switches.
 - d. Shall have tool-less connection terminal access.
 - e. Shall have a recessed momentary switch for testing and resetting the detector.
 - f. Controller shall include:
 - (1.) One set of normally open alarm initiation contacts for connection to an initiating device circuit on a fire alarm control panel.
 - (2.) Two Form-C auxiliary alarm relays for interface with rooftop unit or other equipment.
 - (3.) One Form-C supervision (trouble) relay to control the operation of the Trouble LED on a remote test/reset station.
 - (4.) Capable of direct connection to two individual detector modules.
 - (5.) Can be wired to up to 14 other duct smoke detectors for multiple fan shutdown applications.
- 20. Winter start kit
 - a. Shall contain a bypass device around the low pressure switch.
 - b. Shall be required when mechanical cooling is required down to 25°F (-4°C).
 - c. Shall not be required to operate on an economizer when below an outdoor ambient of 40°F (4°C).
- 21. Time Guard
 - a. Shall prevent compressor short-cycling by providing a 5-minute delay (±2 minutes) before restarting a compressor after shutdown for any reason.
 - b. One device shall be required per compressor.
- 22. Electric Heat:
 - a. Heating Section
 - (1.) Heater element open coil resistance wire, nickel-chrome alloy, 0.29 inches inside diameter, strung through ceramic insulators mounted on metal frame. Coil ends are staked and welded to terminal screw slots.
 - (2.) Heater assemblies are provided with integral fusing for protection of internal heater circuits not exceeding 48 amps each. Auto reset thermo limit controls, magnetic heater contactors (24 v coil) and terminal block all mounted in electric heater control box (minimum 18 ga galvanized steel) attached to end of heater assembly.
- 23. Disconnect Switch Bracket (16 size only)
 - a. Provides a pre-engineered and sized mounting bracket for applications requiring a unit mounted fused and non-fused disconnect of greater than 100 amps. Bracket assures that no damage will occur to coils when mounting with screws and other fasteners.
- 24. Hinged Access Panels
 - a. Shall provide easy access through integrated quarter turn latches.
 - b. Shall be on major panels of: filters, control box, fan motor and compressor.

25. Display Kit for Variable Frequency Drive

- a. Kit allows the ability to access the VFD controller programs to provide special setup capabilities and diagnostics.
- b. Kit contains display module, mounting bracket and communication cable.
- c. Display Kit can be permanently installed in the unit or used on any 2-Speed Indoor Fan Motor System VFD controller as needed.