



comfort | excellence
Comfort Products Distributing



2015 PARTS & SUPPLIES CATALOG



FOR INDUSTRY PROFESSIONALS



INDEX

| DESCRIPTION | PAGE # | DESCRIPTION | PAGE # |
|---------------------------|---------|---------------------|----------|
| ACCESS FITTINGS | 74 | IGNITION MODULES | 75 |
| ACR COPPER | 74 | IGNITORS | 75 |
| AIR FILTRATION | 80-84 | INSULATION | 43 |
| AIR KNIGHT | 80 | LINESETS | 39-41 |
| BALL VALVES | 77 | MOTORS | 44-46 |
| BASSET HANGERS & BRACKETS | 130 | MOTOR MOUNT KITS | 47 |
| BLACK PIPE & FITTINGS | 78-79 | NYLON FITTINGS | 130 |
| BUNDLES | 8-9 | ORDER EXPRESS | 5 |
| CAPACITORS | 47-48 | PAYNE PACKAGES | 94-100 |
| CARRIER DUCT FREE SPLITS | 102-120 | PRESSURE SWITCHES | 51 |
| CARRIER ENTERPRISE APP | 3 | PTAC'S | 125-127 |
| CHEMICALS | 68-70 | PVC CEMENT | 71 |
| CHIMNEY LINERS | 131 | PVC FITTINGS | 72 |
| CO2 DETECTORS | 77 | PVC PIPE & HANGERS | 72 |
| COMPRESSORS | 14-38 | QUICK COIL | 42 |
| CONCENTRIC TERMINATIONS | 71 | R22 RECLAIM PROGRAM | 6 |
| CONDENSATE PUMPS | 71 | REFRIGERANT CAPS | 51 |
| CONDENSER PADS | 43 | REGULATORS | 77 |
| CONTACTORS | 49 | RELAYS | 52 |
| COPPER FITTINGS | 73 | REZNOR HEATERS | 128 |
| DIAMONDBACK CSST | 146 | ROLLED COPPER | 74 |
| DIFFUSERS & REGISTERS | 131 | SHEET METAL SCREWS | 132 |
| DISCONNECTS | 65 | SILICONE | 70 |
| DRIERS | 50 | SMOKE DETECTORS | 73 |
| DUCT SEALANT | 146 | SOLDERING SUPPLIES | 43 |
| DUCT WORK | 134-145 | SUPERIOR RADIANT | 129 |
| DUCT WRAP | 146 | TAPE | 70 |
| ELECTRICAL SUPPLIES | 66-67 | THERMOCOUPLES | 76-77 |
| EXHAUST FANS | 64 | THERMOPAN | 130 |
| FANS & LIMITS | 77 | THERMOSTAT WIRE | 65 |
| FAP PARTS | 10-13 | THERMOSTATS | 52-63 |
| FLEX DUCT | 132-133 | TIME DELAYS | 52 |
| FUJITSU DUCT FREE SPLITS | 121-124 | TOOLS | 85-93 |
| FUSES | 66 | TRANSFORMERS | 49-51 |
| GAS CONNECTORS | 77 | UV LIGHTS | 80 |
| GAS VALVES | 76 | VENTS AND HOOD | 130 |
| HARD START KITS | 52 | VINYL TUBING | 71 |
| HEAD PRESSURE CONTROLS | 51 | WALL BRACKETS | 50 & 101 |
| HONEYWELL UNIVERSAL KIT | 75 | WHIPS | 65 |
| HUMIDIFIERS | 80-83 | WIRE NUTS | 65 |
| ICM CONTROL BOARDS | 79 | ZONE DAMPERS | 64 |



ARE YOU AN HVAC PROFESSIONAL? THIS IS YOUR APP!

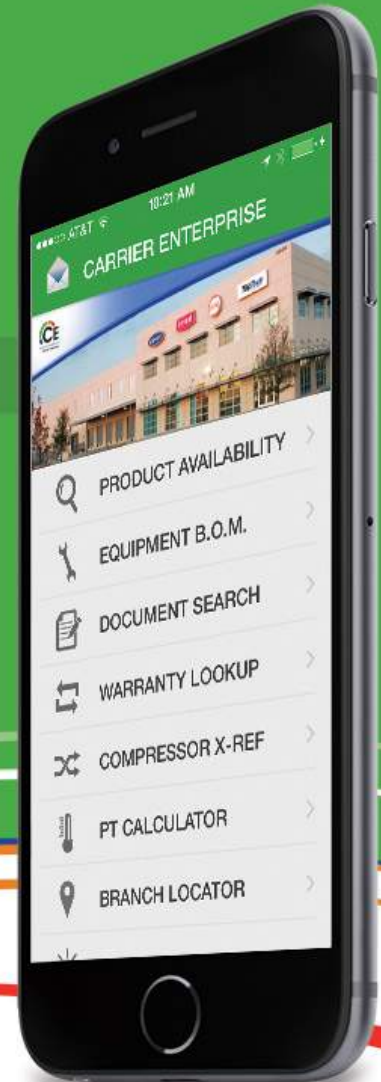
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CE strives to make life as an HVAC professional easier and faster. The HVAC Contractor Assist App provides access to product information and easy to use tools while on the go.

KEY FEATURES & TOOLS

-  Warranty Lookup **NEW**
-  Product Availability
-  Bill Of Materials
-  Document Lookup
-  Compressor X-Ref
-  Pressure Temperature Calculator
-  Flashlight
-  Branch Locator



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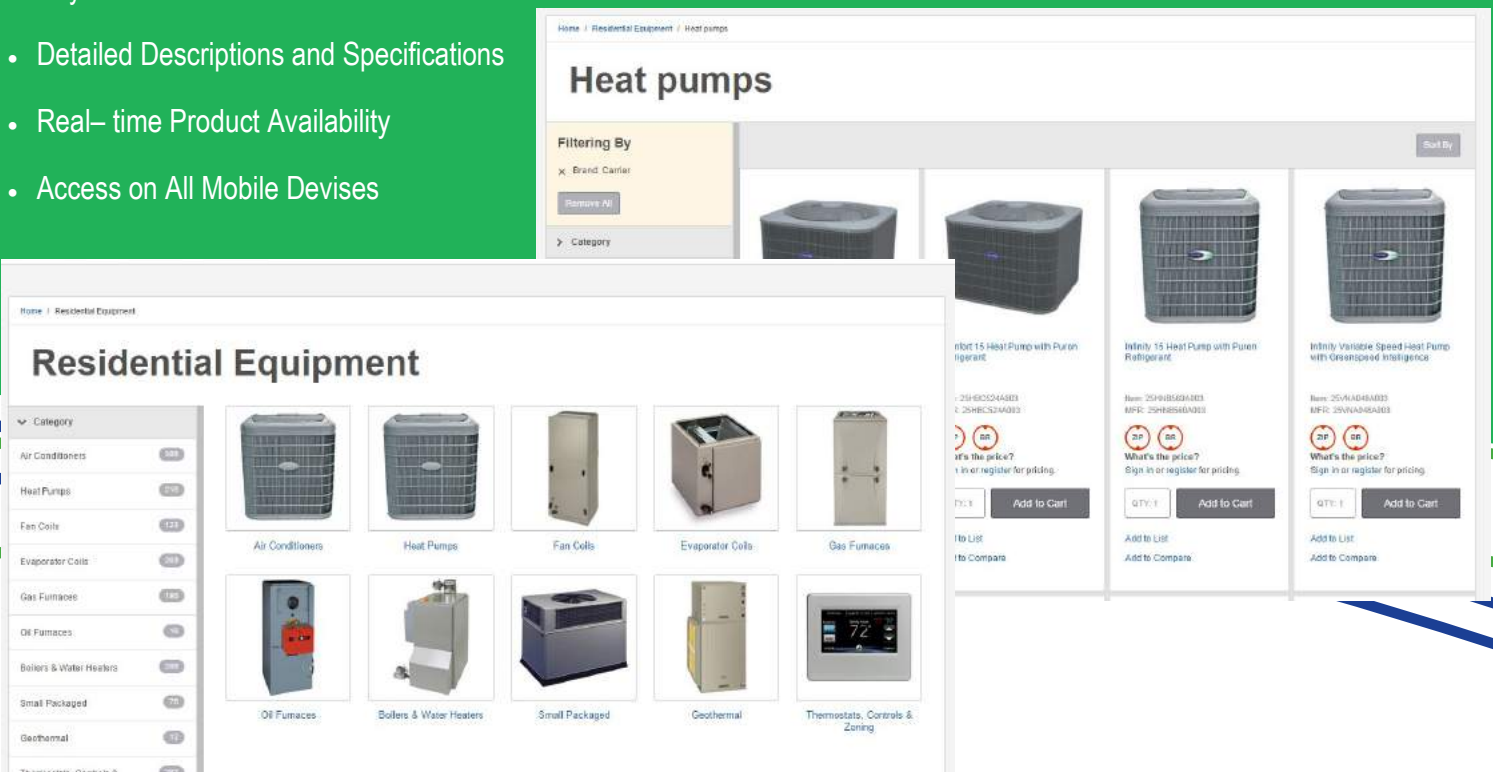
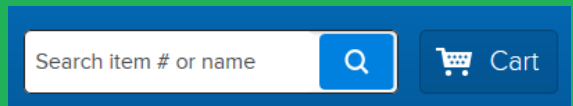
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- Real-time Product Availability
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\$2⁵⁰
per
pound!!



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50¢ 50¢ 50¢ 50¢ 50¢

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Receive 1% of your order amount
in **TOOL BUCK\$** when you place a
Spring Parts Pre-Season order
over \$500.





EXPLORE THE BUNDLE CONCEPT

CONDENSER MOTOR BUNDLE

| Qty | Part # | Description |
|-----|--------------|-----------------------------|
| 3 | TT-C33-1SP2 | 1/3 hp 230v Condenser Motor |
| 2 | TT-C50-1SP2 | 1/2 hp 230v Condenser Motor |
| 2 | TT-C50-MHP2 | Multi Speed 230v Cond Motor |
| 7 | TP-CAP-5/440 | Capacitor 5/440 |

TopTech **\$369.00**
 comfort | excellence
 #28268285-00

ELECTRICAL BUNDLE

| Qty | Part # | Description |
|-----|-------------|-----------------------------|
| 6 | 6-12-6 | 6' - 1/2" Whip |
| 6 | 6-34-6 | 6' - 3/4" Whip |
| 6 | TP-60AMP-NF | 60 Amp Non-Fused Disconnect |
| 3 | SSU | SSU Bussman Fuse |

TopTech **\$249.00**
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 #28268546-00

CLEAN-OUT BUNDLE

| Qty | Part # | Description |
|-----|--------------|----------------------------------|
| 5 | TT-LLD083S | Drier Liquid Line 3/8S 8 CU |
| 5 | TT-LLD163S | Drier Liquid Line 3/8S 16 CU |
| 5 | TT-LLDBF083S | Drier Bi-Flow 3/8S 8 CU |
| 5 | TT-LLDBF163S | Drier Bi-Flow 3/8S 16 CU |
| 5 | TT-FLUSH-P16 | Copper Flush 16 oz. 1# Container |

TopTech **\$349.00**
 comfort | excellence
 #28268697-00

CONDENSER PAD BUNDLE

| Qty | Part # | Description |
|-----|--------------|-----------------------|
| 10 | EP-36X36X2-P | 36X36X2 Condenser Pad |
| 10 | EP-30X30X2-P | 30X30X2 Condenser Pad |
| 5 | EP-36X42X2-P | 36X42X2 Condenser Pad |
| 5 | EP-33X33X2-P | 33X33X2 Condenser Pad |
| 16 | HPR-6 | Snow Feet 6" |

Oldcastle **\$579.00**
 #28268763-00

FLEX BUNDLE

| Qty | Part # | Description |
|-----|---------------|-------------------|
| 3 | FD-6x25-R42BV | Flex 6" x 25' R42 |
| 3 | FD-8x25-R42BV | Flex 8" x 25' R42 |
| 3 | FD-6x25-R8BV | Flex 6" x 25' R8 |
| 3 | FD-8x25-R8BV | Flex 8" x 25' R8 |
| 3 | TP-36NSTRAP | Duct Strap 36" |



Flexible Technologies **\$299.00**
 #28268821-00





EXPLORE THE BUNDLE CONCEPT

CIRCUIT BOARD BUNDLE

| Qty | Part # | Description |
|-----|---------------|---------------|
| 3 | 325878-751 | Circuit Board |
| 2 | CESO110057-02 | Circuit Board |
| 2 | HH84AA021 | Circuit Board |
| 2 | HK42FZ034 | Circuit Board |
| 2 | HH84AA020 | Circuit Board |
| 1 | 313680-751 | Inducer Board |

HEATING BUNDLE

| Qty | Part # | Description |
|-----|-----------|--------------------------|
| 3 | HK0BNB124 | Pressure Switch |
| 3 | LH33ZS004 | Hot Surface Ignitor |
| 3 | LH680005 | Three Wire Pilot |
| 3 | EF660015 | Gas Valve |
| 3 | LH680014 | Flame Sensor - Straight |
| 3 | LH680013 | Flame Sensor - 90 Degree |



\$1,110.00

#28269424-00



\$459.00

#28269586-00

BLOWER MOTOR BUNDLE

| Qty | Part # | Description |
|-----|--------------|---------------------------------------|
| 3 | TT-E33-3SP1 | Blower Motor 1/3 HP - 1075 RPM - 115V |
| 2 | TT-E50-3SP1 | Blower Motor 1/2 HP - 1075 RPM - 115V |
| 2 | TT-E50-MHP1 | Blower Motor Multi 1/6 - 1/2 - 115V |
| 1 | TT-E75-MHP1 | Blower Motor Multi 1/5 - 3/4 - 115V |
| 10 | TP-CAP-5/440 | Run Capacitor 5/440 |



\$375.00

#28269673-00

HUMIDIFIER BUNDLE

| Qty | Part # | Description |
|-----|--------------|-------------------------|
| 10 | P110-1045 | #10 Humidifier Pad |
| 10 | P110-1245 | #12 Humidifier Pad |
| 10 | P110-3545 | #35 Humidifier Pad |
| 2 | P110-LBP2417 | Large By-Pass Humidifer |

PIPE BUNDLE

| Qty | Part # | Description |
|-----|----------|-----------------|
| 12 | T25-6 | Start Collar 6" |
| 24 | 3-060 | Elbows 6" |
| 20 | 1-06050C | Pipe 6" - 5' |
| 10 | 1-06100C | Pipe 6" - 10' |



\$319.00

#28269903-00



\$165.00

#28269943-00



CPD

HOT 100



| RANK | PART # | DESCRIPTION | CATEGORY |
|-------------|----------------|-------------------------|-----------------|
| 1 | P110-3545 | #35 WATER PANEL | SUPPLY |
| 2 | 0ATO003.V | ATO 3 AMP FUSE | ELECTRICAL |
| 3 | 0ATO005.V | ATO 5 AMP FUSE | ELECTRICAL |
| 4 | LH33ZS004 | HOT SURFACE IGNITER | HEATING |
| 5 | P110-1045 | #10 WATER PANEL | SUPPLY |
| 6 | 318172-701 | BURNER | HEATING |
| 7 | LH680014 | FLAME SENSOR STRAIGHT | HEATING |
| 8 | 320723-751 | HEAT EXCHANGER | HEATING |
| 9 | KID-KN-COB-DP2 | CO2 DETECTOR | SUPPLY |
| 10 | P904-0101 | FOAM INSULATION TAPE | SUPPLY |
| 11 | 318518-761 | HUMIDIFIER PAD | SUPPLY |
| 12 | 310203-752 | HEAT EXCHANGER | HEATING |
| 13 | 325878-751 | CIRCUIT BOARD | ELECTRICAL |
| 14 | P904-0404 | SEALING SLUGS | SUPPLY |
| 15 | HK06NB124 | PRESSURE SWITCH | HEATING |
| 16 | 0TOO015.Z | 15 AMP FUSE | ELECTRICAL |
| 17 | P110-1245 | #12 WATER PANEL | SUPPLY |
| 18 | P291-0504 | RUN CAPACITOR 5/440 | ELECTRICAL |
| 19 | EXPXXFIL0020 | EXPANDABLE FILTER MEDIA | IAQ |
| 20 | 318984-753 | INDUCER MOTOR ASSEMBLY | HEATING |
| 21 | LH680013 | FLAME SENSOR 90 DEGREE | HEATING |
| 22 | P291-1004 | RUN CAPACITOR 10/440 | ELECTRICAL |
| 23 | EXPXXFIL0016 | EXPANDABLE FILTER MEDIA | IAQ |
| 24 | 331709-759 | TXV KIT | COOLING |
| 25 | LA11AA005 | INDUCER WHEEL | HEATING |

Factory Authorized Parts are the right choice when making repairs to your customer's Carrier, Bryant or Payne equipment and can only be found at your Comfort Products Sales Center.

100 TOP

ARE YOUR TRUCKS STOCKED TO ASSIST YOUR CUSTOMER?

| RANK | PART # | DESCRIPTION | CATEGORY |
|-------------|---------------|--------------------------|-----------------|
| 26 | LH680005 | THREE WIRE PILOT | HEATING |
| 27 | P282-0311 | SINGLE POLE CONTACTOR | ELECTRICAL |
| 28 | HT01BC116 | TRANSFORMER 40VA 120 | ELECTRICAL |
| 29 | P201-3403 | TRANSFORMER 40VA 120 | ELECTRICAL |
| 30 | P671-4362 | THERMOCOUPLE 36 INCH | HEATING |
| 31 | HN51KC024 | CONTACTOR SINGLE POLE 30 | ELECTRICAL |
| 32 | P291-0754 | RUN CAPACITOR 7.5/440 | ELECTRICAL |
| 33 | P291-3554RS | DUAL CAPACITOR 35/5/440 | ELECTRICAL |
| 34 | 320725-756 | INDUCER ASSY KIT | HEATING |
| 35 | P291-4554RS | DUAL CAPACITOR 45/5/440 | ELECTRICAL |
| 36 | P201-3401 | TRANS 40VA 120/208 | ELECTRICAL |
| 37 | P282-0321 | CONTACTOR TWO POLE | ELECTRICAL |
| 38 | P291-4054RS | DUAL CAPACITOR 40/5/440 | ELECTRICAL |
| 39 | HN52KC024 | CONTACTOR TWO POLE | ELECTRICAL |
| 40 | P902-4016 | WASP/HORNET KILLER | SUPPLY |
| 41 | P671-4302 | THERMOCOUPLE 30 INCH | HEATING |
| 42 | HH84AA021 | CIRCUIT BOARD | ELECTRICAL |
| 43 | CESO110057-02 | CIRCUIT BOARD | ELECTRICAL |
| 44 | 50DK406230 | INDUCER SUPPORT | HEATING |
| 45 | P282-0421 | CONTACTOR TWO POLE | ELECTRICAL |
| 46 | 0SOO015.Z | FUSE 15 AMP | ELECTRICAL |
| 47 | LH33ZG001 | IGNITER | HEATING |
| 48 | 50DK407030 | BURNER | HEATING |
| 49 | P110-LBP2417 | HUMIDIFIER BYPASS | SUPPLY |
| 50 | P671-4242 | THERMOCOUPLE 24 INCH | HEATING |

Using Factory Authorizing Parts helps to:

- **Maintain UL and CSA Standards**
- **Maintain System Warranty**
- **Maximize, the life, efficiency and safety of the system**
- **Guarantee an exact fit and easy installation**



**FACTORY AUTHORIZED PARTS
COUNT TOWARD YOUR PART'S
PRESEASON TOTAL DOLLARS
AND QUALIFY FOR TOTALINE
TOOLBUCKS!**

| RANK | PART # | DESCRIPTION | CATEGORY |
|-------------|---------------|--------------------------|-----------------|
| 51 | P291-1504 | RUN CAPACITOR 15/440 | ELECTRICAL |
| 52 | P461-2102 | BEARING | HEATING |
| 53 | EXPXXFIL0024 | EXPANDABLE FILTER MEDIA | IAQ |
| 54 | P902-1432 | SPRAY LEAK RECTANT QT | SUPPLY |
| 55 | P269-0007 | THERMOSTAT GUARD CLEAR | SUPPLY |
| 56 | KH43LG074 | LIQUID LINE DRIER | COOLING |
| 57 | HH12ZB250 | LIMIT SWITCH 250 DEGREE | HEATING |
| 58 | K19AT-36H | THERMOCOUPLE 36 INCH | HEATING |
| 59 | KH43LG072 | HEAT PUMP DRIER | COOLING |
| 60 | EXPXXUNV0016 | EXPANDABLE FILTER MEDIA | IAQ |
| 61 | HH12ZB190 | LIMIT SWITCH 190 DEGREE | HEATING |
| 62 | LA01RA028 | FAN PROP | COOLING |
| 63 | HH12ZB170 | LIMIT SWITCH 170 DEGREE | HEATING |
| 64 | 4363 | MANUAL HUMIDISTAT | SUPPLY |
| 65 | P284-2392 | TIME DELAY 5-10 | ELECTRICAL |
| 66 | 50HJ500451 | FLAME RETAINER | HEATING |
| 67 | HH84AA020 | CIRCUIT BOARD | ELECTRICAL |
| 68 | 320887-751 | INDUCER GASKET | HEATING |
| 69 | 48TJ500399 | BAFFLE GAS | HEATING |
| 70 | P257-8585 | BLOWER MOTOR 1/3 HP 115V | HEATING |
| 71 | OTO0030.Z | FUSE 30 AMP | ELECTRICAL |
| 72 | KA75UG100 | GROMMET | MISC |
| 73 | P284-2391 | TIME DELAY 0-10 | ELECTRICAL |
| 74 | HH12ZB180 | LIMIT SWITCH 180 DEGREE | HEATING |
| 75 | FLNR015.T | FUSE 15 AMP | ELECTRICAL |

THINK INSIDE THE BOX! No need to get creative. Smart Techs save time and hassle by using exact drop-in FAP replacement parts. FAP products help you provide exactly that solution!



THE PARTS OF CHAMPIONS

**FACTORY
AUTHORIZED
PARTS**

| RANK | PART # | DESCRIPTION | CATEGORY |
|-------------|---------------|--------------------------|-----------------|
| 76 | HH12ZB200 | LIMIT SWITCH 200 DEGREE | HEATING |
| 77 | HK06WC090 | PRESSURE SWITCH | HEATING |
| 78 | HH12ZB220 | LIMIT SWITCH 220 DEGREE | HEATING |
| 79 | P257-8587 | BLOWER MOTOR 1/2 HP 115V | HEATING |
| 80 | P257-8728 | CONDENSER MOTOR 1/4 HP | COOLING |
| 81 | EF660015 | GAS VALVE | HEATING |
| 82 | HN61PC002 | RELAY | ELECTRICAL |
| 83 | HK61EA002 | DEFROST BOARD | ELECTRICAL |
| 84 | KH03DU350 | ALUM MESH FILTER 20X25X1 | SUPPLY |
| 85 | HC39GE468 | CONDENSER MOTOR | COOLING |
| 86 | ADK163S | LIQUID DRIER 16 CU | COOLING |
| 87 | P291-1013 | RUN CAPACITOR 10/370 | ELECTRICAL |
| 88 | LA660002 | INDUCER FAN KIT | HEATING |
| 89 | 0SA0015.Z | TYPE S FUSE | ELECTRICAL |
| 90 | LH33WP003 | IGNITION CONTROL BOARD | HEATING |
| 91 | 06NA660028 | FILTER AND O RING KIT | COOLING |
| 92 | 332505-751 | IGNITER REPLACEMENT KIT | HEATING |
| 93 | KH39MG002 | OIL FILTER CARTRIDGE | COOLING |
| 94 | K19AT-24H | THERMOCOUPLE 24 INCH | HEATING |
| 95 | LH680512 | ELECTRODE | HEATING |
| 96 | EXPXXUNV0020 | EXPANDABLE FILTER MEDIA | IAQ |
| 97 | P251-0083H | HEAD PRESSURE CONTROL | COOLING |
| 98 | 313680-751 | INDUCER CONTROL | HEATING |
| 99 | HC39GE208 | CONDENSER MOTOR | COOLING |
| 100 | 324806-755 | RUBBER PARTS KIT | MISC |

FACTORY AUTHORIZED PARTS ARE ALWAYS THE WINNING CHOICE!

Want to win more customers? Be the HVAC/R Pro with the reputation for doing things right. Install FAP whenever you work with Carrier, Bryant or Payne equipment and everyone wins!

THE SOURCE FOR ALL YOUR COMPRESSOR NEEDS



Earn **STEAK BUCKS** with the purchase of any compressor.

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Copeland

Danfoss

 **Tecumseh**

 **Bristol Compressors International Inc.**

 **LG**

Maneurop
RECIPROCATING COMPRESSORS

TOSHIBA

Panasonic

 **Carlyle**

HITACHI



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Universal HVAC/R
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OFFER VALID 3/1/2015 - 10/31/2015



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TOTALINE[®] COMPRESSOR GUIDE



Copeland
brand products

Danfoss



Tecumseh

Bristol
compressors

LG

Genuine
Carlisle

TOTALINE

Contents

| | |
|---|----|
| HERMETIC COMPRESSORS..... | 3 |
| Selection Tool/Cross Reference | 3 |
| Copeland R-22 Scrolls | 4 |
| Copeland R-22 Tandem Scrolls | 4 |
| Copeland R-410A Scrolls | 5 |
| Copeland R-410A Tandem Scrolls..... | 5 |
| Danfoss R-22 Performer Black Scrolls | 6 |
| Danfoss R-410A Performer Black Scrolls..... | 6 |
| Danfoss Performer Blue Universal Scrolls..... | 7 |
| LG R-22 Scrolls | 9 |
| LG R-410A Scrolls | 9 |
| LG Accessories | 9 |
| LG R-22 Competitive Cross-Reference..... | 10 |
| Copeland R-22 Recips | 11 |
| Bristol R-22 Recips | 13 |
| Bristol R-410A Recips..... | 13 |
| Tecumseh R-22 Recips | 14 |
| SEMI-HERMETIC COMPRESSORS | 15 |
| 06D Compressor Data..... | 15 |
| HIGH TEMP, SUCTION CUT OFF, THREE PHASE..... | 15 |
| 06E Compressor Data..... | 16 |
| HIGH EFFICIENCY, SUCTION CUTOFF..... | 16 |
| Totaline Compressor Data..... | 17 |
| 5F & 5H Open Drive Compressor Data | 18 |
| 5F & 5H Compressor Models Available..... | 18 |
| 06D & 06E Accessories | 19 |
| AFTERMARKET DRIERS..... | 21 |
| AFTERMARKET A/C CYCLE COMPONENTS | 22 |




HERMETIC COMPRESSORS

Selection Tool/Cross Reference

We're excited to announce a new web tool we've created to help you select the best hermetic compressor for out-of-warranty applications. As your Compressor Warehouse, we are confident that this tool will help you search through the large number of hermetic compressors available to you; to zero in on the right selection almost instantaneously! This tool will save you valuable time while ensuring you get the right compressor for your customer.


To access this tool visit: <http://partscenter.totaline.com>

You will be brought to a top-level screen where you have your choice on whether you would like to use the Selection Tool or a Cross-Reference Tool. By entering the appropriate fields in either window, you will be presented with the list of possible replacements, many of which you will probably have in stock.



Selection Guide

Hermetic Compressors



Selection Criteria

Please select Actual Capacity OR Nominal Tonnage and ALL Remaining Fields

Actual Capacity: or Nominal Tonnage:

AND

Compressor Type: Refrigerant:

Voltage: Phase:

Submit this Search

Clear Form/Start Over

Cross Reference

Please enter either RCD or Manufacturer Number for Reporting

RCD Item Number:

Manufacturer Number:

Submit this Search

| Compressor Detail | | | | | | | | | | |
|---|---------------------|----------|-----------------|-------------|------|---------|------------|-------------|--------------|--------------------------|
| Nominal Tons: 3 Type: Scroll Refr: 22 Volts: 208/230 Phase: 1 Hz: 60 | | | | | | | | | | |
| (Replacements based on +/- 10% actual capacity) | | | | | | | | | | |
| RCD Item # | Current Replacement | Brand | Capacity Btu/hr | Height (in) | RLA | Run Cap | Suction | Discharge | EER (Btu/Wh) | Filter |
| ZR32K3PFV930 | ZR32KS-PFV-830 | COPELAND | 32600 | 15.7 | 16.4 | 45/370 | 3/4 H 10.4 | 1/2 H 14.21 | 11 | <input type="checkbox"/> |
| ZR32KS-PFV-830 | ZR32KS-PFV-830 | COPELAND | 32600 | 15.9 | 17.1 | 50/370 | 3/4 H 10.1 | 1/2 H 14.2 | 11.2 | <input type="checkbox"/> |
| P021-3227P | ZR32KS-PFV-830 | COPELAND | 32600 | 15.9 | 16.1 | 50/370 | 3/4 H 9.97 | 1/2 H 14.13 | 11.2 | <input type="checkbox"/> |
| ZR32KA-PFV-830 | ZR32KS-PFV-830 | COPELAND | 32600 | 15.9 | 16.1 | 50/370 | 3/4 H 9.97 | 1/2 H 14.13 | 11.2 | <input type="checkbox"/> |
| P021-3228P | ZR32KS-PFV-830 | COPELAND | 32600 | 15.86 | 17.1 | 50/370 | 3/4 H 10.1 | 1/2 H 14.2 | 11.2 | <input type="checkbox"/> |
| HRM034U1LC6 | ZR32KS-PFV-830 | DANFOSS | 34112 | 15.53 | 16.7 | 45/370 | 3/4 H 9.8 | 1/2 H 14.9 | 11 | <input type="checkbox"/> |
| HRM034U1LP6 | ZR32KS-PFV-830 | DANFOSS | 34112 | 15.53 | 16.7 | 45/370 | 3/4 H 9.8 | 1/2 H 14.9 | 11 | <input type="checkbox"/> |
| P021-3425 | ZR32KS-PFV-830 | COPELAND | 34300 | 15.7 | 15.7 | 40/370 | 3/4 H 10.4 | 1/2 H 14.21 | 11 | <input type="checkbox"/> |
| P021-3426P | ZR32KS-PFV-830 | COPELAND | 34400 | 15.7 | 17.9 | 50/370 | 3/4 H 10.4 | 1/2 H 14.21 | 11.2 | <input type="checkbox"/> |
| ZR34K3-PFV-830 | ZR32KS-PFV-830 | COPELAND | 34400 | 15.7 | 17.9 | 50/370 | 3/4 H 10.4 | 1/2 H 14.21 | 11.2 | <input type="checkbox"/> |
| P021-3424 | ZR32KS-PFV-830 | COPELAND | 34400 | 15.7 | 17.9 | 50/370 | 3/4 H 10.4 | 1/2 H 14.21 | 11.2 | <input type="checkbox"/> |
| ZR34K3-PFV-930 | ZR32KS-PFV-830 | COPELAND | 34400 | 15.7 | 17.9 | 50/370 | 3/4 H 10.4 | 1/2 H 14.21 | 11.2 | <input type="checkbox"/> |
| ZR34KA-PFV-830 | ZR32KS-PFV-830 | COPELAND | 34400 | 15.9 | 16.4 | 60/370 | 3/4 H 9.97 | 1/2 H 14.13 | 11.1 | <input type="checkbox"/> |

The Selection Tool is easy to use and ready for you today. Your Zone Sales Manager can help review the tool with you and show you how it works.

Copeland R-22 Scrolls

| COPELAND R-22 SCROLLS | | | | | |
|-----------------------|-----------------|---------|---------------------|---------------------|---------------------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 | 575/3/60 |
| | Product # | Run Cap | Product # | Product # | Product # |
| 16,000 | ZR16K5-PFV-830 | 30/370 | | | |
| 18,000 | ZR18K5-PFV-830 | 30/370 | | | |
| 21,000 | ZR21K5-PFV-830 | 35/370 | ZR21K5-TF5-830 | ZR21K5-TFD-830 | |
| 25,000 | ZR25K5-PFV-830 | 40/370 | ZR25K5-TF5-830 | ZR25K5-TFD-830 | |
| 28,000 | ZR28K5-PFV-830 | 45/370 | ZR28K5-TF5-830 | ZR28K5-TFD-830 | |
| 32,000 | ZR32K5-PFV-830 | 50/370 | ZR32K5-TF5-830 | ZR32K5-TFD-830 | ZR32K5-TFE-830 |
| 38,000 | ZR38K5-PFV-830 | 55/370 | ZR38K5-TF5-830 | ZR38K5-TFD-830 | ZR38K5-TFE-830 |
| 42,000 | ZR42K5-PFV-830 | 55/370 | ZR42K5-TF5-830 | ZR42K5-TFD-830 | ZR42K5-TFE-830 |
| 44,000 | ZR44K5-PFV-830 | 60/370 | ZR44K5-TF5-830 | ZR44K5-TFD-830 | ZR44K5-TFE-830 |
| 48,000 | ZR48K5-PFV-830 | 60/440 | ZR48K5-TF5-830 | ZR48K5-TFD-830 | ZR48K5-TFE-830 |
| 54,000 | ZR54K5-PFV-830 | 80/370 | ZR54K5-TF5-830 | ZR54K5-TFD-830 | ZR54K5-TFE-830 |
| 57,000 | ZR57K3-PFV-830* | 80/370 | ZR57K3-TF5-830* | ZR57K3-TFD-830* | ZR57K3-TFE-830* |
| 61,000 | ZR61K3-PFV-830* | 80/370 | ZR61K3-TF5-830* | ZR61K3-TFD-830* | |
| 68,000 | ZR68KC-PFV-950 | 80/440 | ZR68KC-TF5-950 | ZR68KC-TFD-950 | ZR68KC-TFE-950 |
| 72,000 | | | ZR72KC-TF5-950** | ZR72KC-TFD-950** | ZR72KC-TFE-950** |
| 81,000 | | | ZR81KC-TF5-950*** | ZR81KC-TFD-950*** | |
| 90,000 | | | ZR90K3E-TW5-922**** | ZR90K3E-TWD-922**** | ZR90K3E-TWE-922**** |
| 94,000 | | | ZR94KC-TF5-950 | ZR94KC-TFD-950 | ZR94KC-TFE-950 |
| 108,000 | | | ZR108KC-TF5-950*** | ZR108KC-TFD-950*** | ZR108KC-TFE-950*** |
| 110,000 | | | ZR11M3E-TWC-922**** | ZR11M3E-TWD-922**** | |
| 120,000 | | | ZR12M3E-TWC-922**** | ZR12M3E-TWD-922**** | ZR12M3E-TWE-922**** |
| 125,000 | | | ZR125KC-TF5-950*** | ZR125KC-TFD-950*** | ZR125KC-TFE-950*** |
| 144,000 | | | ZR144KC-TF5-950*** | ZR144KC-TFD-950*** | ZR144KC-TFE-950*** |
| 160,000 | | | ZR16M3E-TWC-922**** | ZR16M3E-TWD-922**** | ZR16M3E-TWE-922**** |
| 190,000 | | | ZR19M3E-TWC-922*** | ZR19M3E-TWD-922*** | ZR19M3E-TWD-922*** |
| | | | ZR190KC-TW5-950 | ZR190KC-TWD-950 | ZR190KC-TWE-950 |
| 250,000 | | | ZR250KC-TW5-951 | ZR250KC-TWD-951*** | |
| | | | ZR250KCE-TWC-965 | ZR250KCE-TWD-965 | |
| 300,000 | | | ZR300KC-TWC-951*** | ZR300KC-TWD-951*** | |

- * BOM 930 and 950 are also available - square fence, straight stubs
- ** BOM 830 is also available - round fence (molded plug w/pin terminals), straight stubs
- *** BOM 965 is also available - rotalock connections
- **** BOM 961 is also available - rotalock connections

Copeland R-22 Tandem Scrolls

| COPELAND R-22 TANDEM SCROLLS | | |
|------------------------------|------------------|----------------------------------|
| BTU/HR | 460/3/60 | Copeland Compressor Notes |
| | Product # | |
| 191,500 | ZRT188KC-TFD-950 | Suction and Discharge stub tubes |
| 217,000 | ZRT220K3-TWD-970 | Rotalock connections with seals |
| 251,000 | ZRT240K3-TWD-970 | Rotalock connections with seals |
| 252,000 | ZRT250KC-TFD-950 | Suction and Discharge stub tubes |
| 286,000 | ZRT288KC-TFD-950 | Suction and Discharge stub tubes |
| 309,000 | ZRT320K3-TWD-970 | Rotalock connections with seals |
| 380,000 | ZRT380K3-TWD-970 | Rotalock connections with seals |
| 482,000 | ZRT500KC-TWD-951 | Suction and Discharge stub tubes |
| 586,000 | ZRT600KC-TWD-951 | Suction and Discharge stub tubes |



All Copeland KF, KA, & KC scrolls are identical to the latest K5 design...

Copeland R-410A Scrolls

| COPELAND R-410A SCROLLS | | | | | |
|-------------------------|-----------------|---------|--------------------|----------------------|----------------------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 | 575/3/60 |
| | Product # | Run Cap | Product # | Product # | Product # |
| 15,500 | ZP16K5E-PFV-830 | 35/370 | | | |
| 20,000 | ZP20K5E-PFV-830 | 35/370 | | | |
| 21,300 | ZP21K5E-PFV-830 | 40/370 | | | |
| 24,000 | ZP24K5E-PFV-830 | 40/370 | ZP24K5E-TF5-830 | ZP24K5E-TFD-830 | |
| 25,200 | ZP25K5E-PFV-830 | 40/370 | ZP25K5E-TF5-830 | ZP25K5E-TFD-830 | |
| 29,000 | ZP29K5E-PFV-830 | 45/370 | ZP29K5E-TF5-830 | ZP29K5E-TFD-830 | |
| 31,100 | ZP31K5E-PFV-830 | 45/370 | ZP31K5E-TF5-830 | ZP31K5E-TFD-830 | ZP31K5E-TFE-830 |
| 36,000 | ZP36K5E-PFV-830 | 45/370 | ZP36K5E-TF5-830 | ZP36K5E-TFD-830 | ZP36K5E-TFE-830 |
| 37,500 | ZP38K5E-PFV-830 | 45/370 | ZP38K5E-TF5-830 | ZP38K5E-TFD-830 | ZP38K5E-TFE-830 |
| 39,000 | ZP39K5E-PFV-830 | 45/370 | ZP39K5E-TF5-830 | ZP39K5E-TFD-830 | ZP39K5E-TFE-830 |
| 42,000 | ZP42K5E-PFV-830 | 70/370 | ZP42K5E-TF5-830 | ZP42K5E-TFD-830 | ZP42K5E-TFE-830 |
| 51,000 | ZP51K5E-PFV-830 | 70/370 | ZP51K5E-TF5-830 | ZP51K5E-TFD-830 | ZP51K5E-TFE-830 |
| 54,000 | ZP54K5E-PFV-830 | 80/370 | ZP54K5E-TF5-830 | ZP54K5E-TFD-830 | ZP54K5E-TFE-830 |
| 57,000 | ZP57K3E-PFV-830 | 80/370 | ZP57K3E-TF5-830 | ZP57K3E-TFD-830 | |
| 61,500 | | | ZP61KCE-TF5-830* | ZP61KCE-TFD-830* | ZP61KCE-TFE-830* |
| 72,000 | | | ZP72KCE-TF5-830** | ZP72KCE-TFD-830** | ZP72KCE-TFE-830** |
| 77,000 | | | ZP76KCE-TF5-830** | ZP76KCE-TFD-830** | ZP76KCE-TFE-830** |
| 83,000 | | | ZP83KCE-TF5-830*** | ZP83KCE-TFD-830*** | ZP83KCE-TFE-830*** |
| 90,500 | | | ZP90KCE-TF5-950 | ZP90KCE-TFD-950 | ZP90KCE-TFE-950 |
| 105,000 | | | ZP103KCE-TF5-950 | ZP103KCE-TFD-950 | ZP103KCE-TFE-950 |
| 123,000 | | | ZP120KCE-TF5-855 | ZP120KCE-TFD-950/855 | ZP120KCE-TFE-950/855 |
| 135,000 | | | ZP137KCE-TF5-855 | ZP137KCE-TFD-950 | ZP137KCE-TFE-950 |
| 155,000 | | | ZP154KCE-TW5-950 | ZP154KCE-TWD-950 | ZP154KCE-TWE-950 |
| 183,000 | | | ZP182KCE-TW5-950 | ZP182KCE-TWD-950**** | ZP182KCE-TWE-950 |
| 235,000 | | | ZP235KCE-TWC-750 | ZP235KCE-TWC-750 | ZP235KCE-TWE-750 |
| 294,000 | | | | ZP295KCE-TWD-750 | ZP295KCE-TWE-750 |

* 7M7 BOM is also available
 ** 930 and 950 BOM are also available
 *** 950 and 7M7 BOM are also available
 **** ZP182KCE-TFD-855 is also available
 ***** ZP154KCE-TFD-855 is also available

Copeland R-410A Tandem Scrolls

| COPELAND R-410A TANDEM SCROLLS | | |
|--------------------------------|-----------------------|----------------------------------|
| BTU/HR | 460/3/60 | Copeland Compressor Notes |
| | Product # | |
| 164,000 | ZPT166KCE-TFD-950 | Suction and Discharge stub tubes |
| 181,000 | ZPT180KCE-TFD/TF5-975 | Suction and Discharge stub tubes |
| 210,000 | ZPT206KCE-TFD/TF5-975 | Suction and Discharge stub tubes |



Changing a Compressor? Remember to pick up ...

- Hermetic compressor
- Start Capacitor
- Run Capacitor
- Copper fittings
- Solder & Flux
- Sanding Cloth
- Wire Nuts
- Electrical Tape
- Totaltest Kit
- Liquid Drier
- Suction Drier
- Refrigerant
- Refrigerant Oil
- Start Relay
- Crankcase Heater
- Compressor Lead Kit
- Phase Monitor
- Smart Start Kit
- Acetylene

Danfoss R-22 Performer Black Scrolls

| DANFOSS R-22 PERFORMER BLACK SCROLLS | | | | | |
|--------------------------------------|--------------|---------|--------------|-------------|-------------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 | 575/3/60 |
| | Product # | Run Cap | Product # | Product # | Product # |
| 32,000 | HRM032U1LP6 | 45/370 | | | |
| 34,000 | HRM034U1LP6 | 45/370 | HRM034U2LP6 | HRM034U4LP6 | |
| 38,000 | HRM038U1LP6 | 55/370 | HRM038U2LP6 | HRM038U4LP6 | HRM038U7LP6 |
| 40,000 | HRM040U1LP6 | 60/370 | HRM040U2LP6 | HRM040U4LP6 | |
| 42,000 | HRM042U1LP6 | 60/370 | HRM042U2LP6 | HRM042U4LP6 | HRM042U7LP6 |
| 45,000 | HRM045U1LP6 | 70/370 | HRM045U2LP6 | HRM045U4LP6 | HRM045U7LP6 |
| 47,000 | HRM047U1LP6 | 60/370 | HRM047U2LP6 | HRM047U4LP6 | HRM047U7LP6 |
| 48,000 | HRM048U1LP6 | 60/370 | HRM048U2LP6 | HRM048U4LP6 | |
| 54,000 | HRM054U1LP6 | 70/370 | HRM054U2LP6 | HRM054U4LP6 | HRM054U7LP6 |
| 58,000 | HRM058U1LP6 | 80/440 | HRM058U2LP6 | HRM058U4LP6 | HRM058U7LP6 |
| 60,000 | HRM060U1LP6 | 80/440 | HRM060U2LP6 | HRM060U4LP6 | HRM060U7LP6 |

BOM LC6 - brazed connections, screw terminals is available in all voltages.

BOM LP6 - brazed connections, spade terminals

Danfoss R-410A Performer Black Scrolls

| DANFOSS R-410A PERFORMER BLACK SCROLLS | | | | |
|--|--------------|---------|--------------|-------------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 |
| | Product # | Run Cap | Product # | Product # |
| 29,000 | HRH029U1LP6 | 45/370 | | |
| 31,000 | HRH031U1LP6 | 45/370 | | |
| 32,015 | HRH032U1LP6 | 50/370 | | |
| 35,400 | HRH036U1LP6 | 55/370 | HRH036U2LP6 | HRH036U4LP6 |
| 39,500 | HRH039U1LP6 | 60/370 | | |
| 41,503 | HRH040U1LP6 | 60/370 | | |
| 51,000 | HRH050U1LP6 | 70/370 | | |
| 51,820 | HRH051U1LP6 | 70/440 | HRH051U2LP6 | HRH051U4LP6 |
| 54,520 | HRH054U1LP6 | 80/440 | HRH054U2LP6 | HRH054U4LP6 |

*All our compressors can be used not only as replacements on Carrier units,
but for other manufacturer's as well...*



Danfoss R-22 Performer® Universal Scroll Compressor

Replacement Competitor Cross Reference

DANFOSS PERFORMER® UNIVERSAL SCROLL COMPRESSOR PRODUCT RANGE

| Code No. | Nominal Tonnage |
|------------|-----------------|
| SM115-3QAI | 9.3 |
| SM115-4QAI | 9.3 |
| SM125-3QAI | 10 |
| SM125-4QAI | 10 |
| SM175-3QAI | 14 |
| SM175-4QAI | 14 |
| SM185-3QAI | 15 |
| SM185-4QAI | 15 |



Competitor Cross Reference

COMPETITOR CROSS REFERENCE¹

| Nominal Tonnage | Competitor Part Number | | RC Part Number ^{2,3} | Capacity BTU/HR | Volt / Phase / Hz | Weight (Lbs.) | Connection Size (inches) Suction X Discharge Type (Braze) | Solder Sleeve Adaptor Set for Rotolock Connectors ⁴ |
|-----------------|------------------------|-------------|-------------------------------|-----------------|-------------------|---------------|---|--|
| 9.3 | CSHA-093R-0*00 or 0A | ZR108KC-TF5 | SM115-3QAI | 115,215 | 200-230/3/60 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 9.3 | CSHA-093K-0*00 or 0A | ZR108KC-TFD | SM115-4QAI | 115,215 | 460/3/60 400/3/50 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 9.3 | CSHS-093R-0*00 or 0A | ZR11M3-TWC | SM115-3QAI | 115,215 | 200-230/3/60 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 9.3 | CSHS-093K-0*00 or 0A | ZR11M3-TWD | SM115-4QAI | 115,215 | 460/3/60 400/3/50 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 10 | CSHA-100R-0*00 or 0A | ZR125KC-TF5 | SM125-3QAI | 126,423 | 200-230/3/60 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 10 | CSHA-100K-0*00 or 0A | ZR125KC-TFD | SM125-4QAI | 126,423 | 460/3/60 400/3/50 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 10 | CSHS-100R-0*00 or 0A | ZR12M3-TWC | SM125-3QAI | 126,423 | 200-230/3/60 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 10 | CSHS-100K-0*00 or 0A | ZR12M3-TWD | SM125-4QAI | 126,423 | 460/3/60 400/3/50 | 172 | 1-3/8 x 7/8 | 120Z0405 |
| 12.5 | CSHA-125R-0*00 or 0A | ZR16M3-TWC | P040-16351 | 163,008 | 200-230/3/60 | 198 | 1-5/8 x 1-1/8 | 7765028 |
| 12.5 | CSHA-125K-0*00 or 0A | ZR16M3-TWD | P040-16371 | 163,008 | 460/3/60 400/3/50 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 14 | CSHA-140R-0*00 or 0A | - | SM175-3QAI | 174,355 | 200-230/3/60 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 14 | CSHA-140K-0*00 or 0A | - | SM175-4QAI | 174,355 | 460/3/60 400/3/50 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 14 | CSHS-140R-0*00 or 0A | - | SM175-3QAI | 174,355 | 200-230/3/60 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 14 | CSHS-140K-0*00 or 0A | - | SM175-4QAI | 174,355 | 460/3/60 400/3/50 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 15 | CSHA-150R-0*00 or 0A | ZR190KC-TW5 | SM185-3QAI | 185,474 | 200-230/3/60 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 15 | CSHA-150K-0*00 or 0A | ZR190KC-TWD | SM185-4QAI | 185,474 | 460/3/60 400/3/50 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 15 | CSHS-150R-0*00 or 0A | ZR19M3-TWC | SM185-3QAI | 185,474 | 200-230/3/60 | 220 | 1-5/8 x 1-1/8 | 7765028 |
| 15 | CSHS-150K-0*00 or 0A | ZR19M3-TWD | SM185-4QAI | 185,474 | 460/3/60 400/3/50 | 220 | 1-5/8 x 1-1/8 | 7765028 |

¹ As with any new compressor installation, verify that the electrical components and wiring of the system are properly sized for the new compressor and are in good working condition.

² Performer® "Q-version" (as in SM115-3QAI) includes welded sightglass, oil equalization port, brazed ports, and mounting bracket. "C-version" (as in SM160-3CBI) include welded sightglass, oil equalization port, and brazed ports.

³ Trane CSHA and CSHS compressors ending in 0 and A come with brazed ports. Models ending in B come with Rotolock fittings.

⁴ To replace compressors with Rotolock fittings, use the compressor code numbers above with the appropriate solder sleeve adaptor set or contact Danfoss Application Engineering to identify code for Rotolock compressor.

*Drop-in Trane replacement scrolls are now available for both R-22 & R-410A...
see next page for R-410A*

Danfoss R-410A Performer® Universal Scroll Compressor

REPLACEMENT COMPETITOR CROSS REFERENCE

| Nominal Tonnage | Competitor Part Number ² | | | RC Part Number | Volts / Phase @ 60Hz | Motor Module Voltage | Capacity BTU/HR | Weight (LBS) | Connection Size (inches) Suction X Discharge Type (Braze) | Electronic Motor Protection Module ¹ | Solder Sleeve Adaptor Set for Rotolock Connectors |
|-----------------|-------------------------------------|--------------|--------------|----------------|----------------------|----------------------|-----------------|--------------|---|---|---|
| 7.5 | CSHD092J0A0M | CSHD089J0A0M | ZP90KCE-TF5 | SH090A3ALC | 200-230/3 | N/A | 92500 | 128 | 1-1/8 x 7/8 | N/A | 120Z0125 |
| 7.5 | CSHD092K0A0M | CSHD089K0A0M | ZP90KCE-TFD | SH090A4ALC | 460/3 | N/A | 92500 | 128 | 1-1/8 x 7/8 | N/A | 120Z0125 |
| 7.5 | CSHD092D0A0M | CSHD089D0A0M | ZP90KCE-TFE | SH090A7ALC | 575/3 | N/A | 92500 | 128 | 1-1/8 x 7/8 | N/A | 120Z0125 |
| 9 | CSHD110J0A0M | CSHD105J0A0M | ZP103KCE-TF5 | SH105A3ALC | 200-230/3 | N/A | 109,500 | 141 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 9 | CSHD110K0A0M | CSHD105K0A0M | ZP103KCE-TFD | SH105A4ALC | 460/3 | N/A | 109,500 | 141 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 9 | CSHD110D0A0M | CSHD105D0A0M | ZP103KCE-TFE | SH105A7ALC | 575/3 | N/A | 109,500 | 141 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 10 | CSHD125J0A0M | CSHD120J0A0M | ZP120KCE-TF5 | SH120A3ALC | 200-230/3 | N/A | 125,400 | 141 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 10 | CSHD125K0A0M | CSHD120K0A0M | ZP120KCE-TFD | SH120A4ALC | 460/3 | N/A | 125,400 | 141 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 10 | CSHD125D0A0M | CSHD120D0A0M | ZP120KCE-TFE | SH120A7ALC | 575/3 | N/A | 125,400 | 141 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 12 | CSHD142J0A0M | CSHD136J0A0M | ZP137KCE-TF5 | SH140A3ALC | 200-230/3 | N/A | 144,300 | 148 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 12 | CSHD142K0A0M | CSHD136K0A0M | ZP137KCE-TFD | SH140A4ALC | 460/3 | N/A | 144,300 | 148 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 12 | CSHD142D0A0M | CSHD136D0A0M | ZP137KCE-TFE | SH140A7ALC | 575/3 | N/A | 144,300 | 148 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 13 | CSHD161J0A0M | CSHD155J0A0M | ZP154KCE-TF5 | SH161A3ALC | 200-230/3 | N/A | 160,900 | 152 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 13 | CSHD161K0A0M | CSHD155K0A0M | ZP154KCE-TFD | SH161A4ALC | 460/3 | N/A | 160,900 | 152 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 13 | CSHD161D0A0M | CSHD155D0A0M | ZP154KCE-TFE | SH161A7ALC | 575/3 | N/A | 160,900 | 152 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 15 | CSHD183J0A0M | CSHD175J0A0M | ZP182KCE-TW5 | SH184A3ALC | 200-230/3 | N/A | 184,400 | 158 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 15 | CSHD183K0A0M | CSHD175K0A0M | ZP182KCE-TWD | SH184A4ALC | 460/3 | N/A | 184,400 | 158 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 15 | CSHD183D0A0M | CSHD175D0A0M | ZP182KCE-TWE | SH184A7ALC | 575/3 | N/A | 184,400 | 158 | 1-3/8 x 7/8 | N/A | 120Z0405 |
| 15.3 | CSHN184J0AHM | CSHN176J0AHM | - | P045-18351 | 200-230/3 | 24VAC | 183,400 | 234 | 1-5/8 x 1-1/8 | 8169020 | 7765028 |
| 15.3 | CSHN184J0AKM | CSHN176J0AKM | - | P045-18352 | 200-230/3 | 115/230VAC | 183,400 | 234 | 1-5/8 x 1-1/8 | 8169021 | 7765028 |
| 15.3 | CSHN184K0AHM | CSHN176K0AHM | - | P045-18571 | 460/3 | 24VAC | 183,400 | 234 | 1-5/8 x 1-1/8 | 8169020 | 7765028 |
| 15.3 | CSHN184K0AKM | CSHN176K0AKM | - | P045-18572 | 460/3 | 115/230VAC | 183,400 | 234 | 1-5/8 x 1-1/8 | 8169021 | 7765028 |
| 15.3 | CSHN184D0AHM | CSHN176D0AHM | - | P045-18381 | 575/3 | 24VAC | 183,400 | 234 | 1-5/8 x 1-1/8 | 8169020 | 7765028 |
| 15.3 | - | - | - | P045-18382 | 575/3 | 115/230VAC | 183,400 | 234 | 1-5/8 x 1-1/8 | 8169021 | 7765028 |
| 20 | CSHN250J0AHM | CSHN240J0AHM | ZP235KCE-TW5 | P045-25151 | 200-230/3 | 24VAC | 251,000 | 238 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 20 | CSHN250J0AKM | CSHN240J0AKM | - | P045-25152 | 200-230/3 | 115/230VAC | 251,000 | 238 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 20 | CSHN250K0AHM | CSHN240K0AHM | ZP235KCE-TWD | P045-24671 | 460/3 | 24VAC | 251,000 | 238 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 20 | CSHN250K0AKM | CSHN240K0AKM | - | P045-24672 | 460/3 | 115/230VAC | 251,000 | 238 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 20 | CSHN250D0AHM | CSHN240D0AHM | ZP235KCE-TWE | P045-25082 | 575/3 | 24VAC | 251,000 | 238 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 20 | CSHN250D0AKM | CSHN240D0AKM | - | P045-25083 | 575/3 | 115/230VAC | 251,000 | 238 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 26 | CSHN315J0AHM | - | ZP295KCE-TW5 | P045-31751 | 200-230/3 | 24VAC | 317,600 | 337 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 26 | CSHN315J0AKM | - | - | P045-31752 | 200-230/3 | 115/230VAC | 317,600 | 337 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 26 | CSHN315K0AHM | - | ZP295KCE-TWD | P045-31772 | 460/3 | 24VAC | 317,600 | 337 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 26 | CSHN315K0AKM | - | - | P045-31773 | 460/3 | 115/230VAC | 317,600 | 337 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 26 | CSHN315D0AHM | - | ZP295KCE-TWE | P045-31682 | 575/3 | 24VAC | 317,600 | 337 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 26 | CSHN315D0AKM | - | - | P045-31683 | 575/3 | 115/230VAC | 317,600 | 337 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 31 | CSHN374J0AHM | - | ZP385KCE-TW5 | P045-37451 | 200-230/3 | 24VAC | 374,300 | 362 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 31 | CSHN374J0AKM | - | - | P045-37452 | 200-230/3 | 115/230VAC | 374,300 | 362 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 31 | CSHN374K0AHM | - | ZP385KCE-TWD | P045-37471 | 460/3 | 24VAC | 374,300 | 362 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 31 | CSHN374K0AKM | - | - | P045-37472 | 460/3 | 115/230VAC | 374,300 | 362 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |
| 31 | CSHN374D0AHM | - | ZP385KCE-TWE | P045-36781 | 575/3 | 24VAC | 374,300 | 362 | 1-5/8 x 1-1/8 | 8169015 | 7765028 |
| 31 | CSHN374D0AKM | - | - | P045-36782 | 575/3 | 115/230VAC | 374,300 | 362 | 1-5/8 x 1-1/8 | 8169016 | 7765028 |

¹ Electronic Motor Protection modules are interchangeable between compressors

² Last Character Trane 'M' is Braze connector; 'K' is Rotolock connector

As with any replacement compressor installation, verify that the electrical components and wiring of the system are properly sized for the new compressor and are in good working condition.

LG R-22 Scrolls

| LG R-22 SCROLLS | | | | |
|-----------------|--------------|---------|--------------|-----------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 |
| | Product # | Run Cap | Product # | Product # |
| 21,500 | SQA022KAB | 35/440 | | |
| 26,100 | SQA026KAB | 35/440 | | |
| 32,300 | SQA032KAB | 45/440 | | |
| 37,000 | SQA038KAB | 35/440 | | |
| 41,200 | SQA042KAB | 50/440 | | |
| 47,600 | SR047KBE | 60/440 | | |
| 53,500 | SRA053KAB | 70/440 | | |
| 58,000 | SR057KCC | 70/440 | | |
| 62,000 | | | SR061RBD | |
| 61,500 | | | | SR061SAB |

LG R-410A Scrolls

| LG R-410A SCROLLS | | | | |
|-------------------|--------------|---------|--------------|-----------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 |
| | Product # | Run Cap | Product # | Product # |
| 15,200 | APA016KAC | 35/370 | | |
| 19,500 | APA020KAC | 35/370 | | |
| 22,400 | APA024KAB | 40/370 | | |
| 28,000 | APA029KAC | 45/440 | | |
| 30,500 | APA032KAG | 45/440 | | |
| 37,700 | AQA038KAB | 60/440 | | |
| 39,000 | AQA039KAC | 60/440 | | |
| 41,500 | AQA042KAE | 70/440 | | |
| 48,000 | ABA049KAB | 70/440 | | |
| 51,500 | ABA051KAF | 75/440 | | |
| 61,500 | ABA054KAC | 80/440 | | |



LG Accessories

| LG ACCESSORIES | | | |
|----------------------------|--------------------|---------------------|--|
| Description | Legacy Part Number | Service Part Number | Comments |
| Thermal Cut Out | RTC0061 | AGG74119701 | For use on all models |
| Molded Plug Assy | RMP0051 | AGG74119801 | For use on all R-410A models |
| Molded Plug Assy | - | AGG74119802 | For use on R-22 SQA models |
| Molded Plug Assy | - | AGG74119803 | For use on R-22 SR single phase models |
| Molded Plug Assy | - | AGG74119804 | For use on R-22 SR three phase models |
| 40W, 240V Crankcase Heater | - | P041-4443 | For use on APA, AQA, ABA, SQA models |
| 70W, 240V Crankcase Heater | - | HT32BH857 | For use on all R-22 SR models |

*Majority of hermetic compressors have compatible mounting (7.5" X 7.5")
& piping differences are minimal.....*

LG R-22 Competitive Cross-Reference

10 LG R-22 MODELS REPLACE 59 COPELAND & 36 DANFOSS/SCROLL TECH MODELS

Competitive Cross-reference Sheet

| Copeland Model | ARI Capacity | Danfoss / Scroll Tech Model | ARI Capacity | LG Model | ARI Capacity |
|----------------|--------------|-----------------------------|---------------|-----------|--------------|
| ZR21KA-PFV | 21,000 | | | SQA022KAB | 21,500 |
| ZR21K5-PFV | 21,000 | | | | |
| ZR22K3-PFV | 22,400 | | | | |
| ZR22KC-PFV | 22,000 | | | | |
| ZR23K1-PFV | 22,900 | | | | |
| ZR22K4-PFV | 22,000 | | | SQA026KAB | 26,100 |
| ZR24K3-PFV | 24,500 | | | | |
| ZR24K4-PFV | 24,400 | | | | |
| ZR24KC-PFV | 24,300 | | | | |
| ZR25K5-PFV | 25,300 | | | | |
| ZR26K3-PFV | 26,600 | | | | |
| ZR26KA-PFV | 26,000 | | | | |
| ZR26KC-PFV | 26,500 | HRM025T1 | 25,000 | | |
| ZR28K3-PFV | 28,500 | | | | |
| ZR28K5-PFV | 28,400 | | | | |
| ZR28KA-PFV | 28,400 | | | | |
| ZR29KC-PFV | 28,500 | | | | |
| ZR30K3-PFV | 31,100 | | | SQA032KAB | 32,300 |
| ZR30KC-PFV | 31,100 | | | | |
| ZR32K3-PFV | 32,600 | | | | |
| ZR32K5-PFV | 32,600 | | | | |
| ZR32KA-PFV | 32,600 | HRM032U1 | 32,000 | | |
| ZR34K3-PFV | 34,400 | HRM034U1 | 34,103 | | |
| ZR34KA-PFV | 34,400 | SRC340 | 33,700 | | |
| ZR34KC-PFV | 34,300 | XCD340 | 34,103 | | |
| ZR36K3-PFV | 36,900 | XCD380 | 37,999 | | |
| ZR36KC-PFV | 36,900 | HRM038U1 | 37,999 | | |
| ZR38K5-PFV | 38,000 | SCD380 | 37,400 | | |
| ZR38KA-PFV | 38,000 | SCD400 | 39,700 | | |
| ZR40K3-PFV | 40,600 | HRM040U1 | 39,999 | | |
| ZR40KC-PFV | 40,600 | XCD400 | 39,999 | | |
| ZR42K3-PFV | 42,800 | | | SR047KBE | 47,600 |
| ZR42K5-PFV | 42,200 | | | | |
| ZR42KA-PFV | 42,200 | SCD420 | 41,700 | | |
| ZR42KC-PFV | 42,000 | HRM042U1 | 42,005 | | |
| ZR44KA-PFV | 44,000 | XCD420 | 42,005 | | |
| ZR44K5-PFV | 44,000 | | | SQA042KAB | 41,200 |
| ZR45KC-PFV | 46,000 | SRD450AC | 44,100 | | |
| ZR45K3-PFV | 46,000 | HRM045U1 | 45,001 | | |
| ZR46K3-PFV | 47,200 | XCD450 | 45,001 | | |
| ZR47K3-PFV | 48,200 | | | | |
| ZR48K5-PFV | 48,200 | | | | |
| ZR47KC-PFV | 47,500 | HRM047U1 | 47,000 | | |
| ZR48K3-PFV | 49,800 | HRM048U1 | 47,706 | | |
| ZR48KC-PFV | 49,500 | SRD480AC | 48,000 | | |
| ZR49K3-PFV | 49,200 | XRD480 | 47,706 | | |
| ZR52K3-PFV | 52,000 | | | SRA053KAB | 53,500 |
| ZR54K3-PFV | 55,000 | HRM054U1 | 53,705 | | |
| ZR54K5-PFV | 53,500 | SRD540 | 54,100 | | |
| ZR54KA-PFV | 53,500 | XRD540 | 53,705 | | |
| ZR54KC-PFV | 55,000 | | | | |
| ZR57K3-PFV | 58,000 | SRD/XRD580 | 57,900 | | |
| ZR57KC-PFV | 57,500 | HRM058U1 | 57,705 | | |
| ZR61K3-PFV | 62,000 | SRD/XRD600 | 60,000 | | |
| ZR61KC-PFV | 62,000 | HRM060U1 | 59,757 | | |
| ZR57K3-TF5 | 58,000 | SRY/XRY580 | 57,900 | | |
| ZR61K3-TF5 | 62,000 | HRM058/60U2 | 57,808/59,723 | | |
| ZR57KE-TFD | 58,000 | SRH/XRH600 | 60,000 | | |
| ZR61K3-TFD | 62,000 | HRM058/60U4 | 57,808/59,723 | | |
| | | | | SR061RBD | 62,000 |
| | | | | SR061SAB | 61,500 |

PFV models are 208/230-1-60 • TF5 models are 208/230-3-60 • TFD models are 460-3-60
 Bolded models are latest Copeland design.

Copeland R-22 Recips

| COPELAND R-22 RECIPS | | | | | |
|----------------------|-------------------|---------|-------------------|-------------------|-------------------|
| BTU/HR | 208-230/1/60 | | 208-230/3/60 | 460/3/60 | 575/3/60 |
| | Product # | Run Cap | Product # | Product # | Product # |
| 16,300 | CR16K6-PFV-775 | 25/370 | | | |
| 18,000 | CR18K6-PFV-775 | 25/370 | CR18K6-TF5-775 | CR18K6-TFD-775 | |
| 22,100 | CR22K6-PFV-775 | 30/370 | CR22K6-TF5-775 | CR22K6-TFD-775 | |
| 24,500 | CR24K6-PFV-775 | 35/370 | CR24K6-TF5-775 | CR24K6-TFD-775 | |
| 28,200 | CR28K6-PFV-775 | 35/370 | CR28K6-TF5-775 | CR28K6-TFD-775 | |
| 34,500 | CR34K6-PFV-775 | 50/370 | CR35K6-TF5-775 | CR35K6-TFD-775 | CR35K6-TFE-775 |
| 41,900 | CR42K6-PFV-775 | 40/370 | CR42K6-TF5-775 | CR42K6-TFD-775 | CR42K6-TFE-775 |
| 47,500 | CR47KQ-PFV-970 | 45/440 | CR47KQ-TF5-970 | CR47KQ-TFD-970 | |
| 53,300 | CR53KQ-PFV-970 | 60/440 | CR53KQ-TF5-970 | CR53KQ-TFD-970 | |
| 54,100 | CRP5-0450-PFV-970 | 45/440 | CRP5-0450-TF5-970 | CRP5-0450-TFD-970 | CRP5-0450-TFD-970 |
| 54,100 | CRT5-0450-PFV-970 | 45/440 | CRT5-0450-TF5-970 | CRT5-0450-TFD-970 | |
| 60,600 | CRN5-0500-PFV-960 | 55/440 | CRN5-0500-TF5-960 | CRN5-0500-TFD-960 | |



Just like older Copeland Scrolls are interchangeable with latest design scroll models, older version Copeland Recips are also interchangeable with latest design recip models...



HCR SERIES

MADE IN USA

www.bristolcompressors.com



**“Like for Like”
Configuration**

- ✓ Exact Tubing and Mounting configuration as Copeland CR series
- ✓ Wiring harness included

- ✓ Approved for R407C and R22
- ✓ Charged with POE oil

**“LIKE FOR LIKE” REPLACEMENT
FOR COPELAND CR SERIES**

| Model | BOM |
|-----------------------------------|----------------|
| H CR B14 ₃ ABCA | 710006-2024-00 |
| H CR B18 ₃ ABCA | 710001-2024-00 |
| H CR B20 ₃ ABCA | 710007-2024-00 |
| H CR B22 ₃ ABCA | 710008-2024-00 |
| H CR B24 ₃ ABCA | 710002-2024-00 |
| H CR B28 ₃ ABCA | 710003-2024-00 |
| H CR B30 ₃ ABCA | 710004-2024-00 |
| H CR B32 ₃ ABCA | 710009-2024-00 |
| H CR B35 ₃ ABCA | 710005-2024-00 |

Bristol R-22 Recips

| BRISTOL R-22 RECIPS | | | | | | | |
|---------------------|--------------|----------------------|---------|--------------|----------------------|-----------|----------------------|
| BTU/HR | 208-230/1/60 | | | 208-230/3/60 | | 460/3/60 | |
| | Product # | Bristol Model Number | Run Cap | Product # | Bristol Model Number | Product # | Bristol Model Number |
| 18,300 | P032-1820 | H22J18BABCA | 30/370 | | | | |
| 18,300 | HCRB183ABCA | HCRB183ABCA | 30/370 | | | | |
| 22,600 | P032-2229 | H22J22BABCA | 30/370 | | | | |
| 22,600 | HCRB223ABCA | HCRB223ABCA | 30/370 | | | | |
| 24,200 | P032-2429 | H22J25BABCA | 30/370 | | | | |
| 24,200 | HCRB243ABCA | HCRB243ABCA | 35/370 | | | | |
| 25,300 | P032-2522 | T21J265CBCA | 40/440 | | | | |
| 28,800 | HCRB283ABCA | HCRB283ABCA | 35/370 | | | | |
| 31,700 | | | | P032-3252 | H23A323DBLA | | |
| 31,900 | HCRB323ABCA | HCRB323ABCA | 40/370 | | | | |
| 33,100 | P032-3322 | T21J334CBCA | 50/440 | | | | |
| 35,700 | P032-3526 | H22J36BABCA | 45/370 | P032-3553 | H22J363DBLA | P032-3475 | H22J363DBVA |
| 35,700 | HCRB353ABCA | HCRB353ABCA | 45/370 | | | | |
| 37,800 | P032-3721 | H22J38BABCA | 45/370 | P032-3753 | H22J383DBLA | P032-3773 | H22J383DBVA |
| 40,900 | P032-4021 | H22J41BABCA | 50/370 | P032-4051 | H22J413DBLA | P032-4172 | H22J413DBEA |
| 44,300 | P032-4421 | H22J44BABCA | 65/370 | P032-4452 | H22J443DBDA | P032-4471 | H22J443DBEA |
| 49,000 | P032-4922 | H22A503ABCA | 40/440 | P032-4956 | H22A503DBLA | P032-4975 | H22A503DBEA |
| 53,400 | | | | P032-5352 | H22A543DBLA | P032-5371 | H25A54QDBEA |
| 57,500 | P032-5722 | H28A583CBCA | 60/370 | P032-5854 | H22A563DBLA | P032-5871 | H22A583DBEA |
| 60,800 | P032-6022 | H22A623ABCA | 55/440 | P032-6051 | H22A623DBLA | P032-6071 | H22A623DBLA |

Bristol R-410A Recips

| BRISTOL R-410A RECIPS | | | |
|-----------------------|--------------|----------------------|---------|
| BTU/HR | 208-230/1/60 | | |
| | Product # | Bristol Model Number | Run Cap |
| 18,300 | P032-1829K | T89B194CBCA* | 30/440 |
| 19,250 | P032-1926K | T89B194CBCA* | 25/440 |
| 27,200 | P032-2722K | H82J273ABCA* | 45/440 |
| 27,700 | P032-2723K | T81J285CBCA* | 40/440 |
| 30,800 | P032-3026 | H82J303ABCA | 45/370 |
| 35,500 | P032-3525K | T81J384CBCA* | 55/440 |
| 37,600 | P032-3722K | T89B385CBCA* | 55/440 |
| 51,470 | P032-5121K | T89A514BBCA* | 55/370 |
| 51,900 | P032-5122K | T89A514BBCA* | 55/370 |
| 52,700 | P032-5221K | T89A515BBCA* | 55/370 |

* Sold as a kit with discharge temperature sensor.

We Have the Most Complete Offering of Aftermarket Compressors In the Industry...

Tecumseh R-22 Recips

| TECUMSEH R-22 RECIPS | | | | | | | |
|----------------------|--------------|-----------------------|---------|--------------|-----------------------|-----------|-----------------------|
| BTU/HR | 208-230/1/60 | | | 208-230/3/60 | | 460/3/60 | |
| | Product # | Tecumseh Model Number | Run Cap | Product # | Tecumseh Model Number | Product # | Tecumseh Model Number |
| 15,000 | P031-1524 | AKA8515EXD | 15/440 | | | | |
| 17,000 | P031-1724 | AWF5517EXN | 35/370 | | | | |
| 19,000 | P031-1921 | AJA5519EXD | 25/370 | | | | |
| 19,000 | P031-19210 | AWF5519EXN | 35/370 | | | | |
| 22,000 | P031-2224 | AWF5522EXN | 35/370 | | | | |
| 24,400 | P031-2429 | AWF5542EXN | 35/370 | P031-2453 | AWF5524EXT | P031-2472 | AWF5524EXG |
| 28,400 | P031-2824 | AWG5528EXN | 35/370 | | | | |
| 28,400 | P031-2825 | AWF5528EXN | 45/370 | P031-2854 | AWF5528EXT | P031-2872 | AWF5528EXG |
| 30,200 | P031-3025 | AWG5530EXN | 45/370 | | | | |
| 31,500 | P031-3124 | AWG5523EXN | 45/370 | | | P031-3174 | AWF5532EXG |
| 32,000 | P031-3223 | AWF5532EXN | 45/370 | P031-3153 | AWF5532EXT | P031-3272 | AVA5532EXG |
| 34,600 | P031-3421 | AVA5535EXN | 40/370 | | | P031-3471 | AVB5535EXG |
| 34,600 | P031-3523 | AVB5535EXN | 40/370 | P031-3551 | AVB5535EXT | | |
| 35,000 | P031-3522 | AVB5535EXN | 45/370 | P031-3552 | AVB5535EXT | | |
| 37,750 | P031-3822 | AVA5538EXN | 35/440 | P031-3854 | AVA5538EXT | P031-3873 | AVA5538EXG |
| 41,560 | P031-4221 | AVC5542EXN | 40/440 | P031-4151 | AVB5542EXT | P031-4171 | AVB5542EXG |
| 46,000 | P031-4622 | AVA5546EXN | 40/440 | P031-4652 | AVA5546EXT | P031-4672 | AVA5546EXG |
| 49,000 | P031-4921 | AVB5549EXN | 45/440 | P031-4951 | AVB5549EXT | P031-4873 | AVB5549EXG |
| 53,000 | P031-5321 | AGA5553EXN | 45/440 | P031-5351 | AGA5553EXT | P031-5371 | AGA5553EXG |
| 57,500 | P031-5721 | AVB5558EXN | 45/440 | P031-5751 | AVB5558EXT | P031-5771 | AVB5558EXG |
| 60,000 | P031-6121 | AGA5561EXN | 55/440 | P031-6151 | AGA5561EXT | P031-6171 | AGA5561EXG |
| 66,850 | P031-6821 | AGA5568EXN | 55/440 | P031-6851 | AGA5568EXT | P031-6871 | AGC5568EXG |
| 71,280 | | | | | | P031-7171 | AGA5573EXG |



SEMI-HERMETIC COMPRESSORS


06D Compressor Data

| HIGH TEMP, SUCTION CUT OFF, THREE PHASE | | | | | | | | | | | |
|---|-----------------|---------|----|-------|-----|-----|-----------------|---------------|-----------|------|-----|
| MODEL NO | Totaline Model | VOLTS | PH | HZ | HP | CYL | OIL CHG (PINTS) | MAX WATTS | MAX RLA | MTA | LRA |
| 06DS3136AC3100 | | 575 | 3 | 60 | 5 | 4 | 5 | 6250 | 6.9 | 10.8 | 40 |
| 06DS3136AC3600 | | 400/460 | 3 | 50/60 | 5 | 4 | 5 | 5,200/6,250 | 10.8/8.6 | 13.5 | 50 |
| 06DS3136AC1200 | | 208/230 | 3 | 60 | 5 | 4 | 5 | 6250 | 17.3 | 27 | 100 |
| 06DS8186AC3100 | | 575 | 3 | 60 | 6.5 | 4 | 7 | 10800 | 11.3 | 17.6 | 64 |
| 06DS8186AC3600 | | 400/460 | 3 | 50/60 | 6.5 | 4 | 7 | 9,000/10,800 | 15.7/14.1 | 22 | 80 |
| 06DS8186AC3200 | | 208/230 | 3 | 60 | 6.5 | 4 | 7 | 10800 | 28.2 | 44 | 160 |
| 06DS8246AC3100 | 6D8246TLAC0100T | 575 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 14.2 | 22 | 79 |
| 06DS8246AC3600 | 6D8246TLAC0600T | 400/460 | 3 | 50/60 | 7.5 | 6 | 10 | 10,700/12,800 | 19.9/17.8 | 27.8 | 99 |
| 06DS8246AC3200 | 6D8246TLAC1200T | 208/230 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 35.5 | 55.5 | 198 |
| 06DS8246BC3100 | 6D8246TLBC0100T | 575 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 14.2 | 22 | 79 |
| 06DS8246BC3600 | 6D8246TLBC0600T | 400/460 | 3 | 50/60 | 7.5 | 6 | 10 | 10,700/12,800 | 19.9/17.8 | 27.8 | 99 |
| 06DS8246BC3200 | 6D8246TLBC1200T | 208/230 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 35.5 | 55.5 | 198 |
| 06DS8256BC3100 | | 575 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 14.2 | 22 | 79 |
| 06DS8256BC3600 | | 460 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 17.8 | 27.8 | 99 |
| 06DS8256BC3200 | | 208/230 | 3 | 60 | 7.5 | 6 | 10 | 12800 | 35.5 | 55.5 | 198 |
| 06DS3286BC3100 | 6D3286TLBC0100T | 575 | 3 | 60 | 10 | 6 | 10 | 16500 | 16 | 25 | 91 |
| 06DS3286BC3600 | 6D3286TLBC0600T | 400/460 | 3 | 50/60 | 10 | 6 | 10 | 13,700/16,500 | 22.1/19.9 | 31 | 114 |
| 06DS3286BC3200 | 6D3286TLBC1200T | 208/230 | 3 | 60 | 10 | 6 | 10 | 16500 | 39.7 | 62 | 228 |
| 06DS5376BC0100 | 6D5376TLBC0100T | 575 | 3 | 60 | 15 | 6 | 10 | 20700 | 20.5 | 32 | 96 |
| 06DS5376BC0600 | 6D5376TLBC0600T | 400/460 | 3 | 50/60 | 15 | 6 | 10 | 17,200/20,700 | 32/25.6 | 40 | 120 |
| 06DS5376BC1200 | 6D5376TLBC1200T | 208/230 | 3 | 60 | 15 | 6 | 10 | 20700 | 57.1 | 89 | 266 |

Are You Still UL Safe?

Using A Non-UL Recognized Service Compressor Could Invalidate The Original UL Listing For Your Entire Air Conditioning System.

Only Genuine Carlyle Service Compressors offer something no rebuilt Carlyle compressor can match: Official UL Recognition. That means every Genuine Carlyle Service Compressor has been built to comply with internationally recognized safety standards, minimizing the risk of fire, electric shock, or other safety hazards. UL also conducts ongoing, unannounced audits at our facility four times a year. This ensures that Genuine Carlyle Service Compressors meet the most widely recognized and trusted safety standards in the industry.

Don't take the risk of using a non-UL recognized service compressor. Remember, if the  symbol does not appear on the compressor nameplate you are not taking advantage of the "peace of mind" that only UL Recognition brings.

Ask your distributor about the difference between a rebuilt compressor and a Genuine Carlyle Service Compressor. Then ask yourself why would you settle for anything less than the one that is UL Recognized.

For help in finding a Carlyle Distributor near you, visit us at www.totaline.com or call 1-800-28-HVACR.



Make Sure Your Service Compressor Has the UL Recognition It Needs To Meet Safety Code Requirements That Guard Against Fire And Explosions!

06E Compressor Data

| HIGH EFFICIENCY, SUCTION CUTOFF | | | | | | | | | | | |
|---------------------------------|----------------|-------------|----|----|----|-----|-----------------|-----------|---------|---------|---------|
| MODEL NO | Totaline Model | VOLTS | PH | HZ | HP | CYL | OIL CHG (PINTS) | MAX WATTS | MAX RLA | MTA | LRA |
| 06ET150-160 | | 575 | 3 | 60 | 15 | 4 | 14 | 22,000 | 31.0 | 38.0 | 98 |
| 06ET150-360 | 6E150TL360T | 208-230/460 | 3 | 60 | 15 | 4 | 14 | 22,000 | 72/36 | 90/46 | 283/142 |
| 06ET150-660 PW | | 460 | 3 | 60 | 15 | 4 | 14 | 22,000 | 36.0 | 46.0 | 142 |
| 06ET250-160 | 6E250TL160T | 575 | 3 | 60 | 20 | 4 | 14 | 25,300 | 36 | 45 | 120 |
| 06ET250-360 | 6E250TL360T | 208-230/460 | 3 | 60 | 20 | 4 | 14 | 25,300 | 87/44 | 108/54 | 345/173 |
| 06ET250-660 PW | | 460 | 3 | 60 | 20 | 4 | 14 | 25,300 | 44 | 54 | 173 |
| 06ET150-320 | | 200/400 | 3 | 50 | 15 | 4 | 14 | 18,300 | 72/36 | 90/46 | 283/142 |
| 06ET150-360 | | 200/400 | 3 | 50 | 15 | 4 | 14 | 18,300 | 72/36 | 90/46 | 283/142 |
| 06ET150-620 | | 400 | 3 | 50 | 15 | 4 | 14 | 18,300 | 36.0 | 46.0 | 142 |
| 06ET150-660 PW | | 400 | 3 | 50 | 15 | 4 | 14 | 18,300 | 36 | 46 | 142 |
| 06ET250-320 | | 200/400 | 3 | 50 | 20 | 4 | 14 | 21,100 | 87/44 | 108/54 | 345/173 |
| 06ET250-360 | 6E250TL360T | 200/400 | 3 | 50 | 20 | 4 | 14 | 21,100 | 87/44 | 108/54 | 345/173 |
| 06ET250-620 | | 400 | 3 | 50 | 20 | 4 | 14 | 21,100 | 44.0 | 54.0 | 173 |
| 06ET250-660 PW | | 400 | 3 | 50 | 20 | 4 | 14 | 21,100 | 44 | 54 | 173 |
| 06ET265-160 | | 575 | 3 | 60 | 25 | 6 | 19 | 33,600 | 46 | 57 | 164 |
| 06ET265-360 | 6E265TL360T | 208-230/460 | 3 | 60 | 25 | 6 | 19 | 33,600 | 112/56 | 140/70 | 446/223 |
| 06ET265-360 R | 6E265TL360TR | 208-230/460 | 3 | 60 | 25 | 6 | 19 | 33,600 | 112/56 | 140/70 | 446/223 |
| 06ET265-660 PW | | 460 | 3 | 60 | 25 | 6 | 19 | 33,600 | 56 | 70 | 223 |
| 06ET175-160 | | 575 | 3 | 60 | 25 | 6 | 19 | 33,600 | 46 | 57 | 164 |
| 06ET175-360 | 6E175TL360T | 208-230/460 | 3 | 60 | 25 | 6 | 19 | 33,600 | 112/56 | 140/70 | 446/223 |
| 06ET175-360 R | 6E175TL360TR | 208-230/460 | 3 | 60 | 25 | 6 | 19 | 33,600 | 112/56 | 140/70 | 446/223 |
| 06ET175-660 PW | | 460 | 3 | 60 | 25 | 6 | 19 | 33,600 | 56 | 70 | 223 |
| 06ET275-160 | 6E275TL160T | 575 | 3 | 60 | 30 | 6 | 19 | 39,100 | 52 | 65 | 176 |
| 06ET275-360 | 6E275TL360T | 208-230/460 | 3 | 60 | 30 | 6 | 19 | 39,100 | 135/68 | 168/84 | 506/253 |
| 06ET275-360 R | 6E275TL360TR | 208-230/460 | 3 | 60 | 30 | 6 | 19 | 39,100 | 135/68 | 168/84 | 506/253 |
| 06ET275-660 PW | | 460 | 3 | 60 | 30 | 6 | 19 | 39,100 | 68 | 84 | 253 |
| 06ET299-160 | 6E299TL160T | 575 | 3 | 60 | 40 | 6 | 19 | 54,000 | 75 | 94 | 276 |
| 06ET299-360 | 6E299TL360T | 208-230/460 | 3 | 60 | 40 | 6 | 19 | 54,000 | 189/95 | 236/118 | 690/345 |
| 06ET299-360 R | 6E299TL360TR | 208-230/460 | 3 | 60 | 40 | 6 | 19 | 54,000 | 189/95 | 236/118 | 690/345 |
| 06ET299-660 PW | | 460 | 3 | 60 | 40 | 6 | 19 | 54,000 | 95 | 118 | 345 |
| 06ET265-320 | | 200/400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 112/56 | 140/70 | 446/223 |
| 06ET265-360 | 6E265TL360 | 200/400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 112/56 | 140/70 | 446/223 |
| 06ET265-620 | | 400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 56 | 70 | 223 |
| 06ET265-660 | | 400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 56 | 70 | 223 |
| 06ET175-320 | | 200/400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 112/56 | 140/70 | 446/223 |
| 06ET175-360 | 6E175TL360T | 200/400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 112/56 | 140/70 | 446/223 |
| 06ET175-620 | | 400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 56 | 70 | 223 |
| 06ET175-660 | | 400 | 3 | 50 | 25 | 6 | 19 | 28,000 | 56 | 70 | 223 |
| 06ET275-320 | | 200/400 | 3 | 50 | 30 | 6 | 19 | 32,600 | 135/68 | 168/84 | 506/253 |
| 06ET275-360 | 6E275TL360T | 200/400 | 3 | 50 | 30 | 6 | 19 | 32,600 | 135/68 | 168/84 | 506/253 |
| 06ET275-620 | | 400 | 3 | 50 | 30 | 6 | 19 | 32,600 | 68 | 84 | 253 |
| 06ET275-660 | | 400 | 3 | 50 | 30 | 6 | 19 | 32,600 | 68 | 84 | 253 |
| 06ET299-320 | | 200/400 | 3 | 50 | 40 | 6 | 19 | 45,000 | 189/95 | 236/118 | 690/345 |
| 06ET299-360 | 6E299TL360T | 200/400 | 3 | 50 | 40 | 6 | 19 | 45,000 | 189/95 | 236/118 | 690/345 |
| 06ET299-620 | | 400 | 3 | 50 | 40 | 6 | 19 | 45,000 | 95 | 118 | 345 |
| 06ET299-660 | | 400 | 3 | 50 | 40 | 6 | 19 | 45,000 | 95 | 118 | 345 |

"R" suffix designates Reverse Head • "PW" suffix designates Part Wind Compressor

Genuine Carlyle Compressors... Quality, Dependability, and Safety!

Total Reliability... at a Totally Competitive Price.

When you need a reliable standard efficiency compressor at a competitive price, there's only one place to turn: Totaline. Our new line of remanufactured Compressors have all the features you need at a price that can't be beat.



- A no-hassle warranty that's backed by Carrier Corporation, the world's largest manufacturer of air conditioning products
- Built to the exact Totaline remanufacturing specifications set by engineers at Carrier Corporation
- Suction cut off unloading capability
- Standard efficiency motor
- Standard efficiency primary running gear
- Dual and triple voltage
- Brand new critical wearing parts
- Electrical components upgraded to the latest design standards
- Electrical components meet UL standards
- All Totaline compressors are run-tested
- Electrical testing of motor insulation checked at 1000 volts plus 2x nameplate voltage
- All Totaline compressors are pressure-tested to UL requirements to ensure product safety

| MODEL NUMBER | VOLTAGE |
|-----------------|-------------|
| 6D3286TLBC0600T | 460 |
| 6D3286TLBC1200T | 208/230 |
| 6D3376TLBC0600T | 460 |
| 6D3376TLBC1200T | 208/230 |
| 6D5376TLBC0600T | 460 |
| 6D5376TLBC1200T | 208/230 |
| 6D8246TLAC0600T | 460 |
| 6D8246TLAC1200T | 208/230 |
| 6D8246TLBC0600T | 460 |
| 6D8246TLBC1200T | 208/230 |
| 6DM8186TLAC0600 | 460 |
| 6DM8186TLAC1200 | 208/230 |
| 6E150TL360T | 208/230/460 |
| 6E175TL360T | 208/230/460 |
| 6E250TL360T | 208/230/460 |
| 6E265TL360T | 208/230/460 |
| 6E275TL360T | 208/230/460 |
| 6E299TL360T | 208/230/460 |

*Totaline Remanufactured (not Rebuilt) Compressors Give Good as New,
If Not Better than New Performance!*

5F & 5H Open Drive Compressor Data

| 5F & 5H OPEN DRIVE COMPRESSOR DATA | | | | | | | | | | | | | | | |
|------------------------------------|--------------------|------|--------|----------|-----------|-------------|----------------|------------------|--------|--------|----------------------------------|-----------------|-----------------------|---------------------|---------------|
| MODEL NO | NOMINAL HORSEPOWER | | | # OF CYL | BORE (in) | STROKE (in) | CFM @ 1750 RPM | RATINGS IN TONS* | | | MIN SPEED FOR UNLOADER OPERATION | OIL CHG (Pints) | SUCTION LINE ODF (in) | DISCH LINE ODF (in) | CMPR WGT (lb) |
| | 134a | R-22 | R-407c | | | | | R-22 | R-134a | R-407c | | | | | |
| 5F20 | 6 | 10 | 8.8 | 2 | 2-1/2 | 2 | 19.8 | 8.5 | 5.2 | 8.2 | 600 | 5 | 1-1/8 | 7/8 | 175 |
| 5F30 | 9 | 15 | 13 | 3 | 2-1/2 | 2 | 29.8 | 12.7 | 7.8 | 12.3 | 700 | 5-1/2 | 1-5/8 | 1-3/8 | 215 |
| 5F40 | 11.5 | 20 | 17.3 | 4 | 2-1/2 | 2 | 39.8 | 16.8 | 10.5 | 16.3 | 800 | 12 | 1-5/8 | 1-3/8 | 355 |
| 5F60 | 17 | 25 | 26 | 6 | 2-1/2 | 2 | 59.6 | 25.6 | 15.7 | 24.6 | 900 | 13 | 2-1/8 | 1-5/8 | 400 |
| 5H40 | 27.5 | 40 | 39.5 | 4 | 3-1/4 | 2-3/4 | 92.4 | 39.6 | 24.7 | 38.4 | 800 | 18 | 2-5/8 | 2-1/8 | 610 |
| 5H46 | 35.4 | 60 | 51.4 | 4 | 3-1/4 | 3-7/16 | 115.5 | 49.1 | 30.6 | 47.5 | 800 | 18 | 2-5/8 | 2-1/8 | 610 |
| 5H60 | 40.8 | 60 | 59 | 6 | 3-1/4 | 2-3/4 | 138.4 | 59.4 | 37.0 | 57.6 | 900 | 21 | 3-1/8 | 3-1/8 | 795 |
| 5H66 | 53 | 75 | 76.8 | 6 | 3-1/4 | 3-7/16 | 173.0 | 73.8 | 45.9 | 71.4 | 900 | 21 | 3-1/8 | 3-1/8 | 795 |
| 5H80 | 54.6 | 75 | 78.4 | 8 | 3-1/4 | 2-3/4 | 184.7 | 79.2 | 49.5 | 76.8 | 1100 | 41 | 3-1/8 | 3-1/8 | 1115 |
| 5H86 | 70.5 | 100 | 102 | 8 | 3-1/4 | 3-7/16 | 231.0 | 98.2 | 61.1 | 95.3 | 1100 | 41 | 3-1/8 | 3-1/8 | 1115 |
| 5H120 | 80.5 | 125 | 117.1 | 12 | 3-1/4 | 2-3/4 | 276.0 | 119.0 | 74.0 | 115.3 | 900 | 61 | 4-1/8 | 4-1/8 | 1580 |
| 5H126 | 101.4 | 150 | 152.3 | 12 | 3-1/4 | 3-7/16 | 346.0 | 149.0 | 91.8 | 143.0 | 900 | 61 | 4-1/8 | 4-1/8 | 1580 |

NOTES:

- *40° F saturated suction, 105° F saturated discharge, 15° F superheat, 0° F sub-cooling.
- 45 PSIG net oil pressure (oil pressure PSIG - suction pressure PSIG).
- ODF = Outside Diameter Female (in.).
- Maximum RPM = 1750.
- Minimum RPM for lubrication = 400 RPM.
- Must use oil cooler on long stroke models:
5H46, 5H66, 5H86, 5H126 (see Accessory page for oil cooler part number)
- Not rated for R-410A

5F & 5H Compressor Models Available

| 5F COMPRESSOR MODELS | | 5H COMPRESSOR MODELS | | 5F/5H COMPRESSOR | |
|----------------------|------------------|----------------------|------------------|------------------|------------------|
| COMPRESSOR PART# | NO. OF UNLOADERS | COMPRESSOR PART# | NO. OF UNLOADERS | COMPRESSOR PART# | NO. OF UNLOADERS |
| 5F20-S674 | 0 | 5H60-(+)219 | 4 | 5F40-A219 | 3 |
| 5F20-A684 | 1 | 5H66-(+)219 | 6 | 5F40-S219 | 3 |
| 5F20-S684 | 1 | 5H80-(+)219 | 6 | 5F60-A219 | 4 |
| 5F30-A189 | 0 | 5H86-(+)219 | 6 | | 4 |
| 5F30-S644 | 0 | 5H120-(+)219 | 8 | 5H40-(+)219 | 3 |
| 5F30-A219 | 2 | 5H126-(+)219 | 8 | 5H46-(+)219 | 3 |
| 5F30-S664 | 2 | | | | |

(+) = either "A" (remanufactured) or "S" (New Manufactured).
For R404A/R507A application data, contact RCD.



Build Your Reputation On Our Reliability!
Carlyle Open Drive Compressors Stand the Test of Time.

06D & 06E Accessories

| CRANKCASE HEATER PACKAGE | | | | |
|--------------------------|-------|-----------------------|------------------|-------------|
| PART# | VOLTS | WATTS LENGTH (Inches) | CONDUIT (Inches) | WIRE LENGTH |
| 06EA660165 | 115 | 180 | 19 | 24 |
| 06EA660167 | 115 | 180 | 52 | 73 |
| 06EA660166 | 230 | 180 | 19 | 24 |
| 06EA660168 | 230 | 180 | 52 | 73 |
| 06EA660107 | 120 | 125 | 52 | 73 |
| 06EA660108 | 240 | 125 | 52 | 73 |
| 06DA660076 | 480 | 125 | NONE | 24 |

New straight tube heater design.

Package contains: Crankcase Heater, Retainer Clip and Anti-short Bushing, and Heat Conducting Grease (p/n: 38AQ680001).

Capacity Control Valves

| CAPACITY CONTROL VALVES | |
|-------------------------|---------------|
| PART# | TYPE |
| 06EA660100 | PRESSURE |
| 06EA660135 | ELECTRIC |
| EF19ZE024 | 24V COIL |
| EF19ZE120 | 120V COIL |
| EF19ZE240 | 208/240V COIL |

*Protect your new compressor from future damage.
Install a new crankcase heater
with every compressor replacement.*



Figure 1 – Electric Control Valve



Figure 2 – Pressure Control Valve

Unloaders Increase System Efficiency

Bearing Head & Oil Pump

| BEARING HEAD & OIL PUMP | |
|-------------------------|---------|
| PART# | USED ON |
| 06EA660126 | 06D |
| 06EA660157 | 06E |

Valve Plates

| BEARING HEAD & OIL PUMP | |
|-------------------------|---------------------------|
| PART# | USED ON |
| 06DA660152 | 06DM, 06DS |
| 06DA660151 | 06DR |
| 06EA660137 | 06EM, 06ET, 06EZ |
| 06EA660143 | 06ER, 06EY |
| 06ER660017 | 06ER, 06EY, Very Low Temp |

Hermetic/Semi-Hermetic Compressor Accessories

| CRANKCASE HEATERS | |
|-------------------|--------------------------------------|
| PART# | CRANKCASE HEATERS |
| P041-4443 | 25" 240V |
| P041-4423 | 35" 240V |
| P041-4444 | 25" 460V |
| P041-4441 | 35" 460V |
| CH-101 | 25" 240V |
| 06EA660167 | 180 W 115V FOR 06E & 06D COMPRESSORS |
| 06EA660168 | 180 W 230V FOR 06E & 06D COMPRESSORS |
| 06DA660076 | 125 W 480V FOR 06E & 06D COMPRESSORS |

| COMPRESSOR MISC | |
|-----------------|--|
| PART# | COMPRESSOR MISC |
| 060B2109 | OIL SWITCH 1/4" MALE FLARE |
| 060B2164 | OIL SWITCH 3/8" CAP TUBE 1/4" MALE FLARE |
| EP23LC090 | ANGLED OIL DRAIN VALVE |
| DE14CA126 | ANGLED VALVE ADAPTOR |
| PH23QK016 | SEA FOAM GREEN TOUCH UP PAINT |
| ACT-6 | COMPRESSOR TOTE |
| P298-001 | COMPRESSOR PLUG KIT |
| T133300B-1 | SIGHT GLASS TOOL |

| CARRIER/BRYANT/PAYNE | |
|----------------------|---------------------------|
| PART# | R-410A LIQUID LINE DRIERS |
| KH43LG072 | 16 Cu In 3/8 Heat Pump |
| KH43LG074 | 16 Cu In 3/8 A/C |

Figure 3 – Bearing Head & Oil Pump Assembly



Figure 4 – Valve Plates



Genuine Carlyle Replacement Parts

AFTERMARKET DRIERS

Bi-Flow

| Bi-Flow SWEAT DRIERS | | | | |
|----------------------|---------|---------|-------|-------|
| PART NO. | APPL | CU. IN. | CONN. | STYLE |
| P504-H083S | Bi-Flow | 8 | 3/8" | ODF |
| P504-H084S | Bi-Flow | 8 | 1/2" | ODF |
| P504-H085S | Bi-Flow | 8 | 5/8" | ODF |
| P504-H163S | Bi-Flow | 16 | 3/8" | ODF |
| P504-H164S | Bi-Flow | 16 | 1/2" | ODF |
| P504-H165S | Bi-Flow | 16 | 5/8" | ODF |

| Bi-Flow FLARE DRIERS | | | | |
|----------------------|---------|---------|-------|-------|
| PART NO. | APPL | CU. IN. | CONN. | STYLE |
| P504-H083 | Bi-Flow | 8 | 3/8" | SAE |
| P504-H084 | Bi-Flow | 8 | 1/2" | SAE |
| P504-H085 | Bi-Flow | 8 | 5/8" | SAE |
| P504-H163 | Bi-Flow | 16 | 3/8" | SAE |
| P504-H164 | Bi-Flow | 16 | 1/2" | SAE |
| P504-H165 | Bi-Flow | 16 | 5/8" | SAE |

Liquid Line

| LIQUID LINE SWEAT DRIERS | | | | |
|--------------------------|-------------|---------|--------|-------|
| PART NO. | APPL | CU. IN. | CONN. | STYLE |
| P502-C032S | Liquid Line | 3 | 1/4" | ODF |
| P502-C052S | Liquid Line | 5 | 1/4" | ODF |
| P502-C053S | Liquid Line | 5 | 3/8" | ODF |
| P502-C082S | Liquid Line | 8 | 1/4" | ODF |
| P502-C083S | Liquid Line | 8 | 3/8" | ODF |
| P502-C162S | Liquid Line | 16 | 1/4" | ODF |
| P502-C163S | Liquid Line | 16 | 3/8" | ODF |
| P502-C164S | Liquid Line | 16 | 1/2" | ODF |
| P502-C165S | Liquid Line | 16 | 5/8" | ODF |
| P502-C303S | Liquid Line | 30 | 3/8" | ODF |
| P502-C304S | Liquid Line | 30 | 1/2" | ODF |
| P502-C305S | Liquid Line | 30 | 5/8" | ODF |
| P502-C306S | Liquid Line | 30 | 3/4" | ODF |
| P502-C307S | Liquid Line | 30 | 7/8" | ODF |
| P502-C309S | Liquid Line | 30 | 1-1/8" | ODF |

Liquid Line

| LIQUID LINE FLARE DRIERS | | | | |
|--------------------------|-------------|---------|-------|-------|
| PART NO. | APPL | CU. IN. | CONN. | STYLE |
| P502-C032 | Liquid Line | 3 | 1/4" | SAE |
| P502-C052 | Liquid Line | 5 | 1/4" | SAE |
| P502-C053 | Liquid Line | 5 | 3/8" | SAE |
| P502-C082 | Liquid Line | 8 | 1/4" | SAE |
| P502-C083 | Liquid Line | 8 | 3/8" | SAE |
| P502-C162 | Liquid Line | 16 | 1/4" | SAE |
| P502-C163 | Liquid Line | 16 | 3/8" | SAE |
| P502-C164 | Liquid Line | 16 | 1/2" | SAE |
| P502-C165 | Liquid Line | 16 | 5/8" | SAE |
| P502-C303 | Liquid Line | 30 | 3/8" | SAE |
| P502-C304 | Liquid Line | 30 | 1/2" | SAE |
| P502-C305 | Liquid Line | 30 | 5/8" | SAE |

Suction Line

| SUCTION LINE SWEAT DRIERS | | | | |
|---------------------------|--------------|---------|--------|-------|
| PART NO. | APPL | CU. IN. | CONN. | STYLE |
| P503-C083S | Suction Line | 8 | 3/8" | ODF |
| P503-C084S | Suction Line | 8 | 1/2" | ODF |
| P503-C085S | Suction Line | 8 | 5/8" | ODF |
| P503-C164S | Suction Line | 16 | 1/2" | ODF |
| P503-C165S | Suction Line | 16 | 5/8" | ODF |
| P503-C166S | Suction Line | 16 | 3/4" | ODF |
| P503-C167S | Suction Line | 16 | 7/8" | ODF |
| P503-C305S | Suction Line | 30 | 5/8" | ODF |
| P503-C306S | Suction Line | 30 | 3/4" | ODF |
| P503-C307S | Suction Line | 30 | 7/8" | ODF |
| P503-C309S | Suction Line | 30 | 1-1/8" | ODF |
| P503-C419S | Suction Line | 41 | 1-1/8" | ODF |

| SUCTION LINE FLARE DRIERS | | | | |
|---------------------------|--------------|---------|-------|-------|
| PART NO. | APPL | CU. IN. | CONN. | STYLE |
| P503-C083 | Suction Line | 8 | 3/8" | SAE |
| P503-C084 | Suction Line | 8 | 1/2" | SAE |
| P503-C085 | Suction Line | 8 | 5/8" | SAE |
| P503-C164 | Suction Line | 16 | 1/2" | SAE |
| P503-C165 | Suction Line | 16 | 5/8" | SAE |
| P503-C305 | Suction Line | 30 | 5/8" | SAE |

Aftermarket Components for Competitive Applications (1-50 Tons)

| TXVs* | Nominal Tonnage → | | | | | |
|---|---|---|---|---|---|---|
| | 1.5 Ton - 2 Ton | 2.5 Ton - 3 Ton | 3.5 Ton - 4 Ton | 4.5 Ton - 5 Ton | 5 Ton - 6 Ton | 6 Ton - 8 Ton |
| R-22 part # Description R-410A part # Description | 067L5856 3/8 x 3/8 kit 067L5955 3/8 x 3/8 kit | 067L5857 3/8 x 3/8 kit 067L5955 3/8 x 3/8 kit | 067L5858 3/8 x 3/8 kit 067L5956 3/8 x 3/8 kit | 067L5859 3/8 x 3/8 kit 067L5957 3/8 x 3/8 kit | 067L5859 3/8 x 3/8 kit 168794-A ERZE6GA 1/2 x 5/8 | 163556-A EBSVE8GA 5/8 x 7/8 168719-A RZE6GA 5/8 x 7/8 |
| A/C Liquid Line Solenoid valve less coil R-22 part #** Description R-410A part #*** Description | E5S130 3/8 solenoid valve E5S130-HP 3/8 solenoid valve | E6S130 3/8 solenoid valve ME6S130-HP 3/8 solenoid valve | E6S130 3/8 solenoid valve ME6S130-HP 3/8 solenoid valve | E9S230 3/8 solenoid valve ME9S130-HP 3/8 solenoid valve | E9S230 3/8 solenoid valve ME9S130-HP 3/8 solenoid valve | E10S250 5/8 solenoid valve ME9S240-HP 1/2 solenoid valve |
| A/C Solenoid Coil (R-22 / R-410A) MKC-1 or MKC-2 24 v part # 120 v part # 208-240 v part # Dual voltage part # | MKC-1 MKC-124/50-60JQAQ MKC-1120/50-60JAM MKC-1208-240/5060JAN MKC-1DUALJAU | MKC-1 MKC-124/50-60JQAQ MKC-1120/50-60JAM MKC-1208-240/5060JAN MKC-1DUALJAU | MKC-1 MKC-124/50-60JQAQ MKC-1120/50-60JAM MKC-1208-240/5060JAN MKC-1DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU |
| Heat Pump Liquid Line Solenoid Valve less coil R-22/R410A part # Description Bi-directional Kit | ALC-066203 200RD3T3M 3/8 solenoid valve ALC-066224 | ALC-066203 200RD3T3M 3/8 solenoid valve ALC-066224 | ALC-066203 200RD3T3M 3/8 solenoid valve ALC-066224 | ALC-066208 200RD5T3M 3/8 solenoid valve ALC-066224 | ALC-066208 200RD5T3M 3/8 solenoid valve ALC-066224 | ALC-066208 200RD5T3M 3/8 solenoid valve ALC-066224 |
| Heat Pump Solenoid Coil 24v part # 120v part # 208-240v part # | AMG-24/50-60 AMG-120/50-60 AMG-208-240/50-60 | AMG-24/50-60 AMG-120/50-60 AMG-208-240/50-60 | AMG-24/50-60 AMG-120/50-60 AMG-208-240/50-60 | AMG-24/50-60 AMG-120/50-60 AMG-208-240/50-60 | AMG-24/50-60 AMG-120/50-60 AMG-208-240/50-60 | AMG-24/50-60 AMG-120/50-60 AMG-208-240/50-60 |
| A/C Liquid Line Filter-Drier (for R-22 & R-410A) | P502-8053S 5 cu. in. 3/8 drier | P502-8053S 5 cu. in. 3/8 drier | P502-8083S 8 cu. in. 3/8 drier | P502-8163S 16 cu. in. 3/8 drier | P502-8304S 30 cu. in. 1/2 drier | P502-8305S 30 cu. in. 5/8 drier |
| Heat Pump Liquid Line Filter-Drier R-22/R410A part # Description | P504-H083S 8 cu. in. 3/8 drier | P504-H083S 8 cu. in. 3/8 drier | P504-H083S 8 cu. in. 3/8 drier | P504-H163S 16 cu. in. 3/8 drier | BFK-304S 30 cu. in. 1/2 drier | BFK-305S 30 cu. in. 5/8 drier |
| Sight Glass & Moisture Indicator (for R-22 & R-410A) | HMI-1TT3 3/8 ODF | HMI-1TT3 3/8 ODF | HMI-1TT3 3/8 ODF | HMI-1TT3 3/8 ODF | HMI-1TT3 3/8 ODF | HMI-1TT5 5/8 ODF |
| Ball Valve (for R-22 & R-410A) | 586WAS-6ST 3/8 with access fitting | 586WAS-6ST 3/8 with access fitting | 586WAS-6ST 3/8 with access fitting | 586WAS-6ST 3/8 with access fitting | 586WAS-6ST 3/8 with access fitting | 586WAS-10ST 5/8 with access fitting |
| Suction Line Accumulator (for R-22 & R-410A) | KH71KK120 5/8 accumulator | KH71KK120 or KH71KJ41 5/8 or 3/4 accumulator | KH71KJ161 7/8 accumulator | KH71KJ161 7/8 accumulator | 089120-01 7/8 accumulator | 089283-00 1-1/8 accumulator |
| Replaceable Shell (for R-22 & R-410A) Volume of desiccant Connection | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF |

Note: For a superior replacement contactor for Copeland scroll compressors, use the CoreSense™ protection module, part # ESC1AFPT-CC-901.



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Aftermarket Components for Competitive Applications (1-50 Tons) continued

| Nominal Tonnage → | | 8 Ton - 12.5 Ton | 12.5 Ton - 15 Ton | 15 Ton - 20 Ton | 20 Ton - 25 Ton | 25 Ton - 35 Ton | 35 Ton - 50 Ton |
|--|---|---|---|---|---|---|---|
| TXVs* R-22 part # Description R-410A part # Description | 163556-A (for 8 Ton) EBSVE8GA 5/8 x 7/8 124226A (for 10 & 12.5 Ton) OVE15GA 7/8 x 1-1/8 | 124226-A OVE15GA 7/8 x 1-1/8 168807-A RZE15GA 5/8 x 1-1/8 | 124233-A OVE20GA 7/8 x 1-3/8 125396-A OZE20GA 7/8 x 1-1/8 | 124240-A OVE30GA 1-1/8 x 1-3/8 125385-A OZE25GA 7/8 x 1-1/8 | 124247-A OVE40GA 1-1/8 x 1-3/8 OZE-35-GA OZE35GA 1-1/8 x 1-3/8 | 124261-A OVE55GA 1-1/8 x 1-3/8 125426-A OZE50GA 1-1/8 x 1-3/8 | |
| | 168719-A (for 8 Ton) RZE8GA 5/8 x 7/8 168801-A (for 10 & 12.5 Ton) RZE12-1/2GA 5/8 x 7/8 | | | | | | |
| Solenoid valves less coil R-22 part #** Description R-410A part #*** Description | E14S250 5/8 solenoid valve ME14S250-HP 5/8 solenoid valve | E14S250 5/8 solenoid valve ME14S250-HP 5/8 solenoid valve | E19S270 7/8 solenoid valve ME19S270-HP 7/8 solenoid valve | E25S290 1-1/8 solenoid valve ME19S270-HP 7/8 solenoid valve | E25S290 1-1/8 solenoid valve ME25S290-HP 1-1/8 solenoid valve | E35S190 1-1/8 solenoid valve ME35S190-HP 1-1/8 solenoid valve | |
| | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-2 MKC-224/50-60JQAQ MKC-2120/50-60JAM MKC-2208-240/50-6JAN MKC-2DUALJAU | MKC-1 MKC-124/50-60JQAQ MKC-1120/50-60JAM MKC-1208-240/5060JAN MKC-1DUALJAU |
| Liquid Line Filter-Drier (for R-22 & R-410A) | P502-8415S 41 cu. in. 5/8 drier | P502-8415S 41 cu. in. 5/8 drier | P502-88757S 75 cu. in. 7/8 drier | P502-8757S 75 cu. in. 7/8 drier | P502-8759S 75 cu. in. 1-1/8 drier | P505-8489 replaceable core 1-1/8 | |
| Sight Glass & Moisture Indicator (for R-22 & R-410A) | HMI-1TT5 5/8 ODF | HMI-1TT5 5/8 ODF | HMI-1TT7 7/8 ODF | HMI-1TT7 7/8 ODF | HMI-1TT9 1-1/8 ODF | HMI-1TT9 1-1/8 ODF | |
| Ball Valve (for R-22 & R-410A) | 586WAS-10ST 5/8 with access fitting | 586WAS-10ST 5/8 with access fitting | 587WAS-14ST 7/8 with access fitting | 587WAS-14ST 7/8 with access fitting | 591WAS-11ST 1-1/8 with access fitting | 591WAS-11ST 1-1/8 with access fitting | |
| Replaceable Shell (for R-22 & R-410A) Volume of dessiccant Connection | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8485 Number of blocks - 1 48 cu. in. 5/8 ODF | P505-8487 Number of blocks - 1 48 cu. in. 7/8 ODF | P505-8487 Number of blocks - 1 48 cu. in. 7/8 ODF | P505-8489 Number of blocks - 1 48 cu. in. 1-1/8 ODF | |

| Totaline P506-8 Series Filter-Drier Cores | Recommended | | | | | | |
|--|---------------------|--------------|------------------|--------|--------------|------------------|---|
| | Sporlan | Parker | Emerson | Henry | Danfoss | Refrigerant | Application |
| P506-8D48 | RC-4864 | PCK-48 | D-48 | 848-C | - | CFC, HCFC, HFC | High moisture, acid, sludge, & particle |
| P506-8H48 | RCW-4864, RCW-48 | PCK-48, Z-48 | H48, HX-48 | 848-C | 48-DN, 48-DU | POE oils only | Higher moisture, acid removal |
| P506-8W48 | RC-4864-HH, RCW-100 | PCK-48HH | W48 | 848-CM | 48-DA | CFC, HCFC, HFC | Burn out with charcoal |
| P506-8H100 | RCW-100 | PCK-100 | H-100 | - | - | POE oils only | Higher moisture, acid removal |
| P506-8W100 | RC-100998-H | - | UK-100, W-100-HH | - | - | CFC, HCFC, HFC | Burn out with charcoal |
| P506-8RD48 | - | - | - | - | - | Reclaim use only | High acid removal |
| P506-8RH48 | - | - | - | - | - | Reclaim use only | High acid & water removal |
| P506-8RW48 | - | - | - | - | - | Reclaim use only | Burn out with charcoal |

* All expansion valves are balance ported

** R-22 solenoids have extended "E" connections

*** R-410A solenoids have extended "E" connections and "M" manual lift stem

• Selection of components based on A/C applications at rated conditions.

• All tonnages are nominal. R-22 selections are based on: 40°F Evaporator Temperature, 110°F Condensing Temperature, 100°F Liquid Temperature, Distributor and High Side Pressure Drop of 42 psi



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a picture is worth a
thousand words.



Your local Totaline Sales Center is "Your Compressor Warehouse" for all your Aftermarket Compressor needs!

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EZ-Pull Line Sets



Applications

Ductless mini - split systems. VRF commercial systems. Split system (A/C & Heat Pump)

Technical Specs

Insulation

Water Vapor Permeability: According to ASTM E90-00

Low-density Polyethylene foam: Closed cells foam, CFC and HCFC gas free.

Working Temperature: Meets/exceeds ASTM C 1427-07

Wall Thickness: 1/2"

Surface Burning Characteristics: UL 94HBT, UL 723, ASTM E84 (25/50), flame and spread index less than 25 and smoke development index less than 50 as tested according to UL 723.

ALL polyethylene insulated line sets sold in the U.S. do not meet UL 94VBT

Copper

Tubing: Commercial Grade Refrigeration Tubing.

Copper: No. C122200 DHP (Phosphorous deoxidized, high residual phosphorous), 99.97%.

Special Features

- Currently in use in the US market
- Meets ASTM E84 for smoke and fire (25/50)
- Superior tear resistance
- "Rugged" exterior allows for easier installation of the line set.
- UV Resistant
- R410 A Approved

LINESETS



- **E-Z PULL LINESET**
- **1/2" INSULATION**

| Part # | Description | In Season Price | Pre-Season Price |
|----------------------|------------------------------------|-----------------|------------------|
| LS-3/8X5/8X1/2X25-EZ | 3/8 x 3/8 x 1/2 - 25 Feet - 12/ctn | call | call |
| LS-3/8X5/8X1/2X30-EZ | 3/8 x 3/8 x 1/2 - 30 Feet - 12/ctn | call | call |
| LS-3/8X5/8X1/2X35-EZ | 3/8 x 3/8 x 1/2 - 35 Feet - 12/ctn | call | call |
| LS-3/8X5/8X1/2X50-EZ | 3/8 x 3/8 x 1/2 - 50 Feet - 8/ctn | call | call |
| LS-3/8X3/4X1/2X20-EZ | 3/8 x 3/4 x 1/2 - 20 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X25-EZ | 3/8 x 3/4 x 1/2 - 25 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X30-EZ | 3/8 x 3/4 x 1/2 - 30 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X35-EZ | 3/8 x 3/4 x 1/2 - 35 Feet - 8/ctn | call | call |
| LS-3/8X3/4X1/2X40-EZ | 3/8 x 3/4 x 1/2 - 40 Feet - 8/ctn | call | call |
| LS-3/8X3/4X1/2X50-EZ | 3/8 x 3/4 x 1/2 - 50 Feet - 8/ctn | call | call |
| LS-3/8X7/8X1/2X25-EZ | 3/8 x 7/8 x 1/2 - 25 Feet - 12/ctn | call | call |
| LS-3/8X7/8X1/2X30-EZ | 3/8 x 7/8 x 1/2 - 30 Feet - 12/ctn | call | call |
| LS-3/8X7/8X1/2X35-EZ | 3/8 x 7/8 x 1/2 - 35 Feet - 8/ctn | call | call |
| LS-3/8X7/8X1/2X40-EZ | 3/8 x 7/8 x 1/2 - 40 Feet - 8/ctn | call | call |
| LS-3/8X7/8X1X2X50-EZ | 3/8 x 7/8 x 1/2 - 50 Feet - 6/ctn | call | call |



- **SINGLE INSULATED LINESET**
- **3/8" INSULATION**

| Part # | Description | In Season Price | Pre-Season Price |
|---------------------|-------------------------------------|-----------------|------------------|
| LS-3/8X5/8X3/8X25 | 3/8 x 3/8 x 3/8 - 25 Feet - 12/ctn | call | call |
| LS-3/8X5/8X3/8X30 | 3/8 x 3/8 x 3/8 - 30 Feet - 12/ctn | call | call |
| LS-3/8X5/8X3/8X35 | 3/8 x 3/8 x 3/8 - 35 Feet - 12/ctn | call | call |
| LS-3/8X5/8X3/8X50 | 3/8 x 3/8 x 3/8 - 50 Feet - 8/ctn | call | call |
| LS-3/8X3/4X3/8X20 | 3/8 x 3/4 x 3/8 - 20 Feet - 12/ctn | call | call |
| LS-3/8X3/4X3/8X25 | 3/8 x 3/4 x 3/8 - 25 Feet - 12/ctn | call | call |
| LS-3/8X3/4X3/8X30 | 3/8 x 3/4 x 3/8 - 30 Feet - 12/ctn | call | call |
| LS-3/8X3/4X3/8X35 | 3/8 x 3/4 x 3/8 - 35 Feet - 12/ctn | call | call |
| LS-3/8X3/4X3/8X40 | 3/8 x 3/4 x 3/8 - 40 Feet - 12/ctn | call | call |
| LS-3/8X3/4X3/8X50 | 3/8 x 3/4 x 3/8 - 50 Feet - 8/ctn | call | call |
| LS-3/8X7/8X3/8X25 | 3/8 x 7/8 x 3/8 - 25 Feet - 12/ctn | call | call |
| LS-3/8X7/8X3/8X30 | 3/8 x 7/8 x 3/8 - 30 Feet - 12/ctn | call | call |
| LS-3/8X7/8X3/8X35 | 3/8 x 7/8 x 3/8 - 35 Feet - 12/ctn | call | call |
| LS-3/8X7/8X3/8X40 | 3/8 x 7/8 x 3/8 - 40 Feet - 8/ctn | call | call |
| LS-3/8X7/8X3/8X50 | 3/8 x 7/8 x 3/8 - 50 Feet - 8/ctn | call | call |
| LS-3/8X1-1/8X3/8X25 | 3/8 x 1 1/8 x 3/8 - 25 Feet - 5/ctn | call | call |
| LS-3/8X1-1/8X3/8X50 | 3/8 x 1 1/8 x 3/8 - 50 Feet - 5 ctn | call | call |

LINESETS



- SINGLE INSULATED LINESET
- 1/2" INSULATION

| Part # | Description | In Season Price | Pre-Season Price |
|---------------------|-------------------------------------|-----------------|------------------|
| LS-3/8X5/8X1/2X25 | 3/8 x 5/8 x 1/2 - 25 Feet - 12/ctn | call | call |
| LS-3/8X5/8X1/2X30 | 3/8 x 5/8 x 1/2 - 30 Feet - 12/ctn | call | call |
| LS-3/8X5/8X1/2X35 | 3/8 x 5/8 x 1/2 - 35 Feet - 12/ctn | call | call |
| LS-3/8X5/8X1/2X50 | 3/8 x 5/8 x 1/2 - 50 Feet - 8/ctn | call | call |
| LS-3/8X3/4X1/2X20 | 3/8 x 3/4 x 1/2 - 20 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X25 | 3/8 x 3/4 x 1/2 - 25 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X30 | 3/8 x 3/4 x 1/2 - 30 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X35 | 3/8 x 3/4 x 1/2 - 35 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X40 | 3/8 x 3/4 x 1/2 - 40 Feet - 12/ctn | call | call |
| LS-3/8X3/4X1/2X50 | 3/8 x 3/4 x 1/2 - 50 Feet - 8/ctn | call | call |
| LS-3/8X7/8X1/2X25 | 3/8 x 7/8 x 1/2 - 25 Feet - 12/ctn | call | call |
| LS-3/8X7/8X1/2X30 | 3/8 x 7/8 x 1/2 - 30 Feet - 12/ctn | call | call |
| LS-3/8X7/8X1/2X35 | 3/8 x 7/8 x 1/2 - 35 Feet - 12/ctn | call | call |
| LS-3/8X7/8X1/2X40 | 3/8 x 7/8 x 1/2 - 40 Feet - 8/ctn | call | call |
| LS-3/8X7/8X1X2X50 | 3/8 x 7/8 x 1/2 - 50 Feet - 8/ctn | call | call |
| LS-3/8X1-1/8X1/2X25 | 3/8 x 1 1/8 x 1/2 - 25 Feet - 5/ctn | call | call |
| LS-3/8X1-1/8X1/2X50 | 3/8 x 1 1/8 x 1/2 - 50 Feet - 5 ctn | call | call |



- DOUBLE INSULATED LINESET
- 3/4" INSULATION

| Part # | Description | In Season Price | Pre-Season Price |
|------------------------|-------------------------------------|-----------------|------------------|
| LS-3/8X5/8X3/4X25-DI | 3/8 x 5/8 x 3/4 - 25 Feet - 6/ctn | call | call |
| LS-3/8X5/8X3/4X30-DI | 3/8 x 5/8 x 3/4 - 30 Feet - 6/ctn | call | call |
| LS-3/8X5/8X3/4X35-DI | 3/8 x 5/8 x 3/4 - 35 Feet - 6/ctn | call | call |
| LS-3/8X5/8X3/4X50-DI | 3/8 x 5/8 x 3/4 - 50 Feet - 8/ctn | call | call |
| LS-3/8X3/4X3/4X25-DI | 3/8 x 3/4 x 3/4 - 25 Feet - 6/ctn | call | call |
| LS-3/8X3/4X3/4X30-DI | 3/8 x 3/4 x 3/4 - 30 Feet - 6/ctn | call | call |
| LS-3/8X3/4X3/4X35-DI | 3/8 x 3/4 x 3/4 - 35 Feet - 8/ctn | call | call |
| LS-3/8X3/4X3/4X50-DI | 3/8 x 3/4 x 3/4 - 50 Feet - 8/ctn | call | call |
| LS-3/8X7/8X3/4X25-DI | 3/8 x 7/8 x 3/4 - 25 Feet - 6/ctn | call | call |
| LS-3/8X7/8X3/4X30-DI | 3/8 x 7/8 x 3/4 - 30 Feet - 6/ctn | call | call |
| LS-3/8X7/8X3/4X35-DI | 3/8 x 7/8 x 3/4 - 35 Feet - 8/ctn | call | call |
| LS-3/8X7/8X3/4X50-DI | 3/8 x 7/8 x 3/4 - 50 Feet - 8/ctn | call | call |
| LS-3/8X1-1/8X3/4X25-DI | 3/8 x 1 1/8 x 3/4 - 25 Feet - 6/ctn | call | call |
| LS-3/8X1-1/8X3/4X35-DI | 3/8 x 1 1/8 x 3/4 - 35 Feet - 8/ctn | call | call |
| LS-3/8X1-1/8X3/4X50-DI | 3/8 x 1 1/8 x 3/4 - 50 Feet - 8/ctn | call | call |

No more brazing stubs.

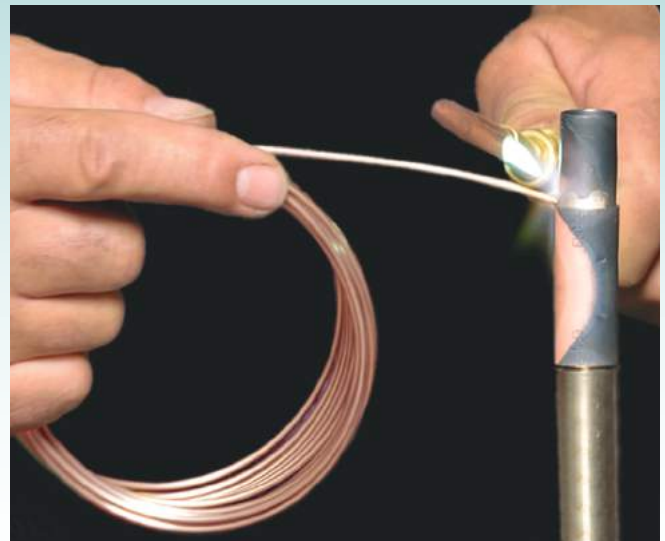
Part #NB15Q226FF

Preseason Price \$39.⁹⁹



Up to 22 feet of non-stop Phos Copper Brazing

- Ductile coil of Phos Copper with up to 20% less waste
- No more rod ends in the bottom of your toolbox
- Easy bending, no preheating
- Standard alloys from 0 - 15%



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* Patent Pending

CONDENSER PADS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|--|-----------------|------------------|
| EP-24x24x2-P | 2" Condenser Pad 24" x 24" - 50/pallet | \$13.31 | \$12.32 |
| EP-24x24x3-P | 3" Condenser Pad 24" x 24" - 50/pallet | \$15.88 | \$14.70 |
| EP-30x30x2-P | 2" Condenser Pad 30" x 30" - 25/pallet | \$16.34 | \$15.33 |
| EP-30x30x3-P | 3" Condenser Pad 30" x 30" - 16/pallet | \$21.85 | \$19.46 |
| EP-33x33x2-P | 2" Condenser Pad 33" x 33" - 25/pallet | \$18.52 | \$17.37 |
| EP-33x33x3-P | 3" Condenser Pad 33" x 33" - 16/pallet | \$22.12 | \$20.74 |
| EP-33x38x2-P | 2" Condenser Pad 33" x 38" - 25/pallet | \$21.81 | \$19.59 |
| EP-36x36x2-P | 2" Condenser Pad 36" x 36" - 25/pallet | \$21.17 | \$19.85 |
| EP-36x36x3-P | 3" Condenser Pad 36" x 36" - 16/pallet | \$26.18 | \$24.55 |
| EP-36x42x2-P | 2" Condenser Pad 36" x 42" - 25/pallet | \$26.16 | \$24.21 |
| EP-36x48x2-P | 2" Condenser Pad 36" x 48" - 25/pallet | \$29.94 | \$26.88 |
| EP-40x40x3-P | 3" Condenser Pad 40" x 40" - 16/pallet | \$38.42 | \$34.50 |
| HP3636-8 | DiversiTech Heat Pump Pad | \$43.26 | \$40.17 |

INSULATION

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|---------------------------------|-----------------|------------------|
| TI-5/8x3/8x6 | 6 Feet - 5/8" x 3/8" - 63/ctn | \$2.00 | \$1.77 |
| TI-3/4x3/8x6 | 6 Feet - 3/4" x 3/8" - 57/ctn | \$2.11 | \$1.87 |
| TI-7/8x3/8x6 | 6 Feet - 7/8" x 3/8" - 48/ctn | \$2.22 | \$1.96 |
| TI-1-1/8x3/8x6 | 6 Feet - 1 1/8" x 3/8" - 36/ctn | \$2.52 | \$2.23 |
| R373PTB1/2 | 1/2 Pint Insulation Adhesive | \$5.79 | \$4.93 |

*Also stocking 3/4" & 1-1/2" insulation
 For insul-lock & 1/2" wall insulation, contact your local branch

SOLDERING SUPPLIES

| Part # | Description | In Season Price | Pre-Season Price |
|------------|--|-----------------|------------------|
| NB15Q226FF | Quick Coil 22' | \$41.99 | \$39.99 |
| 40027 | 4 oz Solder Paste | \$2.99 | \$2.73 |
| 40022 | Stay Silver Solder Flux | \$4.04 | \$3.69 |
| JA010 | Sandcloth - Waterproof 1 1/2" x 10 Yards | \$6.11 | \$5.65 |
| JA025 | Sandcloth - Waterproof 1 1/2" x 25 Yards | \$13.03 | \$12.03 |
| SIL15 | 15% SilFos - 1# Tube | \$89.65 | \$83.58 |
| STAYBRITE | Stay Brite Silver Bearing Solder | \$54.40 | \$50.72 |
| 10030 | 95/5, 1# Spool | \$27.95 | \$26.04 |

TOTALINE MOTORS APPROVED FOR WARRANTY



YOU'LL HAVE TIME ON YOUR HANDS

Expect faster installation times and reduce time-consuming callbacks. Time is on your side when you install Factory Authorized Parts™ Motors.

Be secure in the knowledge that you've done the job right with Factory Authorized Parts Motors.

- Exact fit and easy to install.
- Maximize the life of the system.
- Maintain low sound levels and system vibration.
- Maintain UL and CSA qualification.
- The only motors that help maintain warranty.

Factory Authorized Parts are the right choice when making repairs to your customers' Carrier®, Bryant® or Payne® equipment.



FACTORY AUTHORIZED PARTS™

TOTALINE
SALES CENTERS

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CONDENSER MOTORS

- P257-8728 - 1/4 HP
- P257-8729 - 1/3 HP
- P257-8730 - 1/2 HP



comfort | excellence
Carrier Enterprise
Comfort Products Distributing

BLOWER MOTORS

- P257-8583 - 1/4 HP 115V
- P257-8584 - 1/4 HP 230V
- P257-8585 - 1/3 HP 115V
- P257-8586 - 1/3 HP 230V
- P257-8587 - 1/2 HP 115V
- P257-8588 - 1/2 HP 230V
- P257-8589 - 3/4 HP 115V
- P257-8590 - 3/4 HP 230V

MULTI SPEED BLOWER MOTORS

- P257-E5462 - 1 3/4 HP 230V
- P257-E5460 - 1/2-1/6 HP 115V
- P257-E5461 - 1/2-1/6 HP 230V

DON'T FORGET THE CAPACITOR!

MOTORS



TOPTECH CONDENSER FAN MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|-------------------------|-----------------|------------------|
| TT-C25-1SP2 | COND 1SP 1075 230v ¼ HP | \$53.51 | \$47.48 |
| TT-C33-1SP2 | COND 1SP 1075 230v ½ HP | \$62.56 | \$57.95 |
| TT-C50-1SP2 | COND 1SP 1075 230v ½ HP | \$75.27 | \$63.77 |
| TT-C75-1SP2 | COND 1SP 1075 230v ¾ HP | \$85.06 | \$71.89 |



MULTI HP CONDENSER FAN MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|---------------|---|-----------------|------------------|
| TT-C33-MHP2 | Multi HP (1/6-1/3) Condensor Fan Motor – 1075 RPM | \$67.06 | \$59.29 |
| TT-C33-MHP2-8 | Multi HP (1/6-1/3) Condensor Fan Motor – 825 RPM | \$75.60 | \$63.97 |
| TT-C50-MHP2 | Multi HP (1/3-1/2) Condensor Fan Motor - 1075 RPM | \$85.32 | \$72.20 |



TOTALINE CONDENSER FAN MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|--------------------------|-----------------|------------------|
| P257-8728 | ¼ HP Condensor Fan Motor | \$65.18 | \$59.64 |
| P257-8729 | ½ HP Condensor Fan Motor | \$69.64 | \$63.72 |
| P257-8730 | ½ HP Condensor Fan Motor | \$80.18 | \$73.35 |

MOTOR ACCESSORIES

| Part # | Description | In Season Price | Pre-Season Price |
|--------|--------------------------------|-----------------|------------------|
| MA-FB2 | Fan and Blower Wheel Puller | \$22.73 | \$21.74 |
| UP1 | Ultimate Puller Blade & Blower | \$54.69 | \$49.59 |



MOTORS



TOPTECH BLOWER MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|-------------------------|-----------------|------------------|
| TT-E25-3SP1 | EVAP 3SP 1075 115v ¼ HP | \$63.58 | \$49.38 |
| TT-E25-3SP2 | EVAP 3SP 1075 230v ¼ HP | \$64.91 | \$50.41 |
| TT-E33-3SP1 | EVAP 3SP 1075 115v ⅓ HP | \$65.42 | \$50.81 |
| TT-E33-3SP2 | EVAP 3SP 1075 230v ⅓ HP | \$65.42 | \$50.81 |
| TT-E50-3SP1 | EVAP 3SP 1075 115v ½ HP | \$81.69 | \$63.45 |
| TT-E50-3SP2 | EVAP 3SP 1075 230v ½ HP | \$81.28 | \$63.13 |
| TT-E75-3SP1 | EVAP 3SP 1075 115v ¾ HP | \$99.45 | \$77.24 |
| TT-E75-3SP2 | EVAP 3SP 1075 230v ¾ HP | \$101.06 | \$78.49 |



TOPTECH MULTI HP BLOWER MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|----------------------------------|-----------------|------------------|
| TT-E50-MHP1 | 115v Multi HP (⅙-½) Blower Motor | \$77.74 | \$66.45 |
| TT-E50-MHP2 | 230v Multi HP (⅙-½) Blower Motor | \$79.08 | \$68.44 |
| TT-E75-MHP1 | 115v Multi HP (⅙-¾) Blower Motor | \$92.09 | \$77.93 |
| TT-E75-MSP2 | 230v Multi HP (⅙-¾) Blower Motor | \$92.45 | \$71.80 |



TOTALINE BLOWER MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|-------------------------|-----------------|------------------|
| P257-8583 | ¼ HP, 115v blower motor | \$73.60 | \$67.34 |
| P257-8584 | ¼ HP, 230v blower motor | \$77.65 | \$71.04 |
| P257-8585 | ⅓ HP, 115v blower motor | \$76.30 | \$69.81 |
| P257-8586 | ⅓ HP, 230v blower motor | \$78.10 | \$71.45 |
| P257-8587 | ½ HP, 115v blower motor | \$92.45 | \$84.58 |
| P257-8588 | ½ HP, 230v blower motor | \$94.25 | \$86.22 |
| P257-8589 | ¾ HP, 115v blower motor | \$105.90 | \$96.89 |
| P257-8590 | ¾ HP, 230v blower motor | \$108.10 | \$98.95 |

TOTALINE MULTI HP BLOWER MOTORS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|----------------------------------|-----------------|------------------|
| P257-E5462 | ⅓-½ HP, 230v multi-purpose motor | \$80.79 | \$73.92 |
| P257-E5460 | ½-⅙ HP, 115v multi-purpose motor | \$88.14 | \$80.63 |
| P257-E5461 | ½-⅙ HP, 230v multi-purpose motor | \$94.81 | \$86.74 |

TOTALINE BELT DRIVE BLOWER MOTOR

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|-----------------------|-----------------|------------------|
| P267-9305 | ¼ HP belt drive motor | \$99.82 | \$95.48 |
| P267-9308 | ⅓ HP belt drive motor | \$104.13 | \$99.60 |
| P267-9758 | ½ HP belt drive motor | \$138.83 | \$132.79 |

MOTOR MOUNT KIT

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|---|-----------------|------------------|
| KIT44 | Motor Mount 3 Leg | \$13.90 | \$13.20 |
| KIT39 | Motor Mount 4 Leg | \$14.53 | \$13.80 |
| P251-0074 | Motor Mount Kit 11.6" Bolt Diameter 5.5" Diameter | \$5.34 | \$5.07 |
| P251-0015 | Motor Mount Kit Adjustable | \$8.32 | \$7.91 |
| P251-0051 | Rain Shield Kit | \$19.46 | \$18.48 |

CAPACITORS

RUN CAPACITORS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------------|-------------------|-----------------|------------------|
| TP-CAP-3/370 | OVAL CAP 3/370 | \$3.12 | \$2.90 |
| TP-CAP-4/370 | OVAL CAP 4/370 | \$1.80 | \$1.38 |
| TP-CAP-4/440 | OVAL CAP 4/440 | \$1.97 | \$1.51 |
| TP-CAP-5/440 | OVAL CAP 5/440 | \$2.53 | \$1.93 |
| TP-CAP-7.5/440 | OVAL CAP 7.5/440 | \$3.68 | \$2.67 |
| TP-CAP-10/440 | OVAL CAP 10/440 | \$3.88 | \$2.82 |
| TP-CAP-12.5/440 | OVAL CAP 12.5/440 | \$3.91 | \$3.01 |
| TP-CAP-15/440 | OVAL CAP 15/440 | \$6.24 | \$5.74 |
| TP-CAP-20/440 | OVAL CAP 20/440 | \$8.44 | \$7.30 |
| TP-CAP-25/440 | OVAL CAP 25/440 | \$10.27 | \$8.62 |
| TP-CAP-30/440 | OVAL CAP 30/440 | \$10.08 | \$8.53 |
| TP-CAP-35/440 | OVAL CAP 35/440 | \$9.99 | \$9.85 |
| TP-CAP-40/440 | OVAL CAP 40/440 | \$11.27 | \$10.08 |
| TP-CAP-50/440 | OVAL CAP 50/440 | \$8.81 | \$7.36 |
| TP-CAP-55/440 | OVAL CAP 55/440 | \$8.28 | \$7.07 |

DUAL OVAL CAPACITORS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------------|------------------------|-----------------|------------------|
| TP-CAP-30/5/440 | DUAL OVAL CAP 30/5/440 | \$9.49 | \$7.98 |
| TP-CAP-35/5/440 | DUAL OVAL CAP 35/5/440 | \$8.37 | \$6.78 |
| TP-CAP-40/5/440 | DUAL OVAL CAP 40/5/440 | \$12.42 | \$10.47 |
| TP-CAP-45/5/440 | DUAL OVAL CAP 45/5/440 | \$14.25 | \$12.15 |

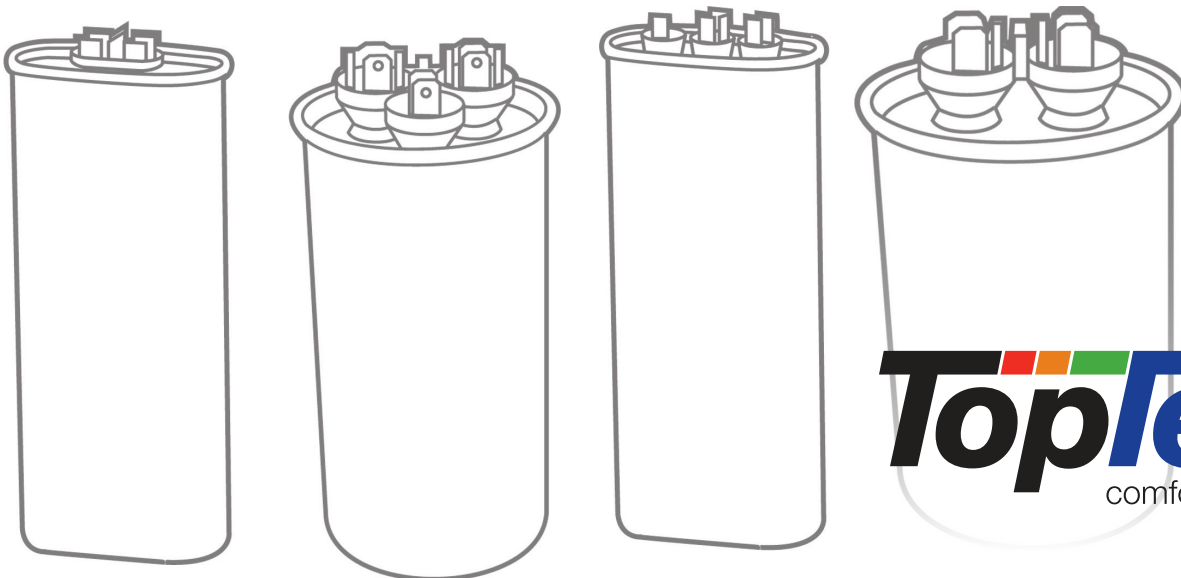
CAPACITORS

DUAL ROUND CAPACITORS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------------|---------------------------|-----------------|------------------|
| TP-CAP-25/5/440R | DUAL ROUND CAP 25/5/440 | \$4.96 | \$4.46 |
| TP-CAP-25/7.5/440R | DUAL ROUND CAP 25/7.5/440 | \$4.87 | \$4.20 |
| TP-CAP-30/5/440R | DUAL ROUND CAP 30/5/440 | \$5.53 | \$4.95 |
| TP-CAP-35/5/440R | DUAL ROUND CAP 35/5/440 | \$5.58 | \$4.51 |
| TP-CAP-35/7.5/440R | DUAL ROUND CAP 35/7.5/440 | \$6.28 | \$5.59 |
| TP-CAP-40/5/440R | DUAL ROUND CAP 40/5/440 | \$10.44 | \$9.24 |
| TP-CAP-40/7.5/440R | DUAL ROUND CAP 40/7.5/440 | \$7.58 | \$6.32 |
| TP-CAP-45/5/440R | DUAL ROUND CAP 45/5/440 | \$11.84 | \$10.63 |
| TP-CAP-45/7.5/440R | DUAL ROUND CAP 45/7.5/440 | \$6.09 | \$5.34 |
| TP-CAP-50/5/440R | DUAL ROUND CAP 50/5/440 | \$9.74 | \$8.27 |
| TP-CAP-55/5/440R | DUAL ROUND CAP 55/5/440 | \$10.06 | \$8.09 |
| TP-CAP-55/7.5/440R | DUAL ROUND CAP 55/7.5/440 | \$9.83 | \$8.14 |
| TP-CAP-60/5/440R | DUAL ROUND CAP 60/5/440 | \$10.08 | \$8.11 |
| TP-CAP-60/7.5/440R | DUAL ROUND CAP 60/7.5/440 | \$9.86 | \$8.15 |
| TP-CAP-70/5/440R | DUAL ROUND CAP 70/5/440 | \$12.36 | \$10.31 |
| TP-CAP-70/7.5/440R | DUAL ROUND CAP 70/7.5/440 | \$13.81 | \$11.52 |
| TP-CAP-80/5/440R | DUAL ROUND CAP 80/5/440 | \$11.85 | \$10.40 |
| TP-CAP-80/7.5/440R | DUAL ROUND CAP 80/7.5/440 | \$13.88 | \$11.46 |

UNIVERSAL CAPACITORS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|------------------------------------|-----------------|------------------|
| Turbo 200 | Universal Capacitor up to 67.5 MFD | \$54.53 | \$52.02 |
| Turbo 200M | Universal Capacitor up to 12.5 MFD | \$7.66 | \$7.40 |
| Turbo 200X | Universal Capacitor up to 97.5 MFD | \$73.28 | \$69.89 |



TopTech
comfort | excellence

CONTACTORS

| Part # | Description | In Season Price | Pre-Season Price |
|------------------|-----------------------|-----------------|------------------|
| TP-CON-1/24/30 | 1 POLE 24 VAC 30 AMP | \$6.13 | \$5.92 |
| TP-CON-1/24/40 | 1 POLE 24 VAC 40 AMP | \$8.10 | \$7.62 |
| TP-CON-1/120/30 | 1 POLE 120 VAC 30 AMP | \$5.58 | \$5.22 |
| TP-CON-1/120/40 | 1 POLE 120 VAC 40 AMP | \$6.29 | \$5.88 |
| TP-CON-1/240/30 | 1 POLE 240 VAC 30 AMP | \$5.58 | \$5.22 |
| TP-CON-1/240/40 | 1 POLE 240 VAC 40 AMP | \$6.29 | \$5.88 |
| TP-CON-2/24/30 | 2 POLE 24 VAC 30 AMP | \$6.03 | \$5.72 |
| TP-CON-2/24/40 | 2 POLE 24 VAC 40 AMP | \$11.49 | \$11.28 |
| TP-CON-2/120/30 | 2 POLE 120 VAC 30 AMP | \$6.64 | \$6.21 |
| TP-CON-2/120/40 | 2 POLE 120 VAC 40 AMP | \$8.29 | \$7.74 |
| TP-CON-2/240/30 | 2 POLE 240 VAC 30 AMP | \$6.64 | \$6.21 |
| TP-CON-2/240/40 | 2 POLE 240 VAC 40 AMP | \$8.29 | \$7.74 |
| TP-CON-3/24/30 | 3 POLE 24 VAC 30 AMP | \$14.55 | \$13.71 |
| TP-CON-3/24/40 | 3 POLE 24 VAC 40 AMP | \$16.73 | \$15.67 |
| TP-CON-3/24/50 | 3 POLE 24 VAC 50 AMP | \$36.16 | \$33.77 |
| TP-CON-3/24/60 | 3 POLE 24 VAC 60 AMP | \$32.85 | \$30.68 |
| TP-CON-3/24/75 | 3 POLE 24 VAC 75 AMP | \$81.25 | \$75.89 |
| TP-CON-3/24/90 | 3 POLE 24 VAC 90 AMP | \$84.63 | \$79.05 |
| TP-CON-3/120/30 | 3 POLE 120 VAC 30 AMP | \$15.53 | \$14.51 |
| TP-CON-3/120/40 | 3 POLE 120 VAC 40 AMP | \$17.77 | \$16.60 |
| TP-CON-3/120/50 | 3 POLE 120 VAC 50 AMP | \$36.16 | \$33.77 |
| TP-CON-3/120/60 | 3 POLE 120 VAC 60 AMP | \$37.84 | \$35.34 |
| TP-CON-3/120/75 | 3 POLE 120 VAC 75 AMP | \$81.25 | \$75.89 |
| TP-CON-3/120/90 | 3 POLE 120 VAC 90 AMP | \$84.63 | \$79.05 |
| TP-CON-3/240/30 | 3 POLE 240 VAC 30 AMP | \$15.53 | \$14.51 |
| TP-CON-3/240/40 | 3 POLE 240 VAC 40 AMP | \$17.77 | \$16.60 |
| TP-CON-3/240/50 | 3 POLE 240 VAC 50 AMP | \$36.16 | \$33.77 |
| TP-CON-3/240/60 | 3 POLE 240 VAC 60 AMP | \$37.84 | \$35.34 |
| TP-CON-3/240/75 | 3 POLE 240 VAC 75 AMP | \$81.27 | \$75.91 |
| TP-CON-3/240/90 | 3 POLE 240 VAC 90 AMP | \$84.63 | \$79.05 |
| TP-CON-AUX300V-1 | AUXILLARY SWITCH | \$2.86 | \$2.67 |
| TP-CON-AUX300V-2 | AUXILLARY SWITCH | \$3.20 | \$2.99 |
| TP-CON-AUX600V-1 | AUXILLARY SWITCH | \$4.63 | \$4.32 |

TRANSFORMERS

| Part # | Description | In Season Price | Pre-Season Price |
|---------------|--|-----------------|------------------|
| TP-40VA | 115, 208, 240 Volt Primary, 24 Volt Secondary 40 VA Transformer, Foot Mount | \$7.49 | \$6.58 |
| TP-75VA-MULTI | 115, 208, 240, 460 Volt Primary, 24 Volt Secondary 75 VA Transformer, Foot Mount | \$20.61 | \$19.50 |
| P201-4701 | 75 VA Transformer w/Circuit Breaker | \$34.43 | \$31.72 |

LINE DRIERS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|---------------------------|-----------------|------------------|
| TT-LLD083S | 3/8" 8 CU LIQUID LINE | \$9.26 | \$7.79 |
| TT-LLD163S | 3/8" 16 CU LIQUID LINE | \$13.04 | \$10.88 |
| TT-LLDBF083S | 3/8" 8 CU BI-FLOW | \$19.95 | \$17.90 |
| TT-LLDBF163S | 3/8" 16 CU BI-FLOW | \$21.25 | \$18.17 |
| TT-SLD165S | 5/8" 16 CU SUCTION LINE | \$18.47 | \$15.71 |
| TT-SLD166S | 3/4" 16 CU SUCTION LINE | \$19.76 | \$16.72 |
| TT-SLD167S | 7/8" 16 CU SUCTION LINE | \$20.68 | \$17.42 |
| TT-SLD305S | 5/8" 30 CU SUCTION LINE | \$29.12 | \$24.88 |
| TT-SLD306S | 3/4" 30 CU SUCTION LINE | \$28.75 | \$24.56 |
| TT-SLD307S | 7/8" 30 CU SUCTION LINE | \$30.87 | \$26.37 |
| TT-SLD309S | 1 1/8" 30 CU SUCTION LINE | \$34.75 | \$29.66 |
| TT-SG38 | 3/8" SIGHT GLASS | \$16.51 | \$13.64 |

PURON FACTORY AUTHORIZED DRIERS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|--------------------------|-----------------|------------------|
| KH43LG072 | Heat Pump Drier | \$30.48 | \$27.98 |
| KH43LG074 | 16 CU Liquid Line Drier | \$23.18 | \$21.27 |
| KH45LG140 | 8 CU Suction Line Drier | \$40.25 | \$36.95 |
| KH45LG141 | 15 CU Suction Line Drier | \$49.72 | \$45.57 |

WALL BRACKETS & SNOW FEET

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|------------------------------------|-----------------|------------------|
| BRKT-SMALL | Wall Mount Bracket 18 1/2 x 28 1/2 | \$81.61 | \$77.07 |
| BRKT-MEDIUM | Wall Mount Bracket 27 x 35 | \$92.00 | \$86.90 |
| BRKT-LARGE | Wall Mount Bracket 36 x 40 | \$150.12 | \$141.78 |
| ACB-36 | A/C Mounting Bracket 36" 2/pk | \$30.73 | \$28.99 |
| ACB-42 | A/C Mounting Bracket 42" 2/pk | \$27.14 | \$25.60 |
| KSASF0201AAA | 4" High Snow Feet - 4/box | \$19.00 | \$18.00 |
| FB-1 | Furnace Mounting Block | \$4.06 | \$3.67 |
| HPR-6 | Heat Pump Riser 6" | \$2.04 | \$1.79 |

TRANSFORMERS & HEAD PRESSURE CONTROLS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|---------------------------------------|-----------------|------------------|
| P201-35150 | 50VA, 120/208/240v Primary; Universal | \$34.84 | \$31.36 |
| HT01AW230 | 60VA, 200/230v Primary; Foot | \$34.12 | \$28.07 |
| P251-0083H | 10 Amp, Adjustable, 24v Input | \$110.08 | \$99.08 |
| P251-0091 | Three Phase Monitor | \$148.29 | \$141..85 |

LIQUIDTITE FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|---|-----------------|------------------|
| 750-12100 | Liquidtite 1/2" x 100 | \$39.97 | \$37.26 |
| 750-MLT50 | Straight Metal Fitting 1/2" - 25/box | \$2.21 | \$2.00 |
| 750-MLT9050 | 90 Degree Metal Fitting 1/2" - 10/box | \$2.72 | \$2.47 |
| 750-MLT75 | Straight Metal Fitting 3/4" - 10/box | \$3.52 | \$3.19 |
| 750-NMLT50 | Straight Plastic Fitting 1/2" - 25/box | \$1.03 | \$0.93 |
| 750-NMLT9050 | 90 Degree Plastic Fitting 1/2" - 10/box | \$1.66 | \$1.50 |
| 750-NMLT75 | Straight Plastic Fitting 3/4" - 50/box | \$1.56 | \$1.41 |
| 750-NMLT9075 | 90 Degree Plastic Fitting 3/4" - 10/box | \$1.86 | \$1.69 |

PRESSURE SWITCHES

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|--|-----------------|------------------|
| P70AA-118C | 100-400 PSI Range Head Pressure Fan Cycling | \$78.05 | \$70.26 |
| P100AP-4C | Opens 170; Closes 250; Fan Cycling Switch R22 | \$35.00 | \$30.58 |
| P100AP-332C | R410A Fan Cycling Switch Opens 300; Closes 400 | \$33.38 | \$31.72 |
| HK02ZB028 | Lo PS; Close 67; Open 27; 48" Lead | \$28.08 | \$25.28 |
| HK02ZA438 | Hi PS; Open 335; Close 235; 42" Lead | \$27.14 | \$24.42 |
| HK02ZA439 | Hi PS; Open 426; Close 320; 48" Lead | \$23.64 | \$21.28 |

REFRIGERANT CAPS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|---------------------------------------|-----------------|------------------|
| NV-MULTIKEY | Multikey Unlocks All Refrigerant Caps | \$9.43 | \$8.74 |
| NS-UNI | Silver Cap Any Gas 1/4" Thread | \$5.53 | \$5.08 |

RELAYS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|-------------------------------|-----------------|------------------|
| TP-90290 | FAN RELAY SPNO | \$4.66 | \$4.10 |
| TP-90293 | FAN RELAY SPDT | \$4.74 | \$4.18 |
| TP-90340 | SWITCHING RELAY 24v COIL DPST | \$6.33 | \$4.98 |
| TP-90370 | RELAY SPST 24v COIL | \$5.91 | \$4.74 |
| TP-90380 | RELAY SPDT 24v | \$5.79 | \$4.66 |

TIME DELAYS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|--------------------------------------|-----------------|------------------|
| P284-2391 | Delay on Make Adj, 0-10 Min. 19-288v | \$6.66 | \$5.89 |
| P284-2392 | Delay on Break Adj, 5-10 Min 19-288v | \$6.55 | \$5.89 |

HARD & KICK STARTS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|--------------------------|-----------------|------------------|
| TP-5 | HARD START KIT ½ - 5 HP | \$5.69 | \$5.01 |
| TP-6 | HARD START KIT ½ - 10 HP | \$7.67 | \$6.49 |
| TP-KS1 | KICKSTART KS1 3½ - 5 HP | \$41.77 | \$37.33 |
| TP-T05 | KICKSTART T05 1 - 3 HP | \$35.63 | \$31.57 |

THERMOSTATS

TEMPORARY HEATING ONLY CONSTRUCTION THERMOSTATS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|----------------------|-----------------|------------------|
| TS-65 | Dedicated 65 Degrees | \$7.42 | \$6.88 |
| TS-70 | Dedicated 75 Degrees | \$7.42 | \$6.88 |

Our System

Energy Management



Energy Saving Goals

Use our web application to set goals, track your progress, and view your electricity usage.



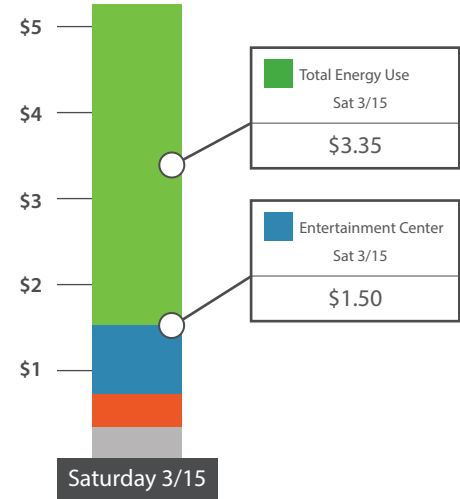
Location Automation

Have your thermostat adjust to energy saving mode based on your location.



Smart Schedules

Schedule your thermostat and lights to adjust themselves to save energy.



Home Automation



Remote Control

Access and control your home from your smartphone, tablet, or computer.



Notifications

Receive text or email notifications to know when your doors have been accessed or thermostat adjusted.



Smart Schedules

Schedule devices in your home to fit your lifestyle. Come home to a well lit house.



Damage Prevention



Alerts

Receive text or email alerts to know when a system in your home is malfunctioning.



Water Damage

Turn your water off from any smartphone tablet or computer right when a leak has been detected.



Frozen Pipes and Humidity

Know instantly when your thermostat has exceeded the temperature you set and could be reaching dangerous points.





The huB36 Gateway is what keeps you powered by Building 36. It communicates with all the devices in your home to keep you connected from anywhere, at anytime. The gateway can connect to over 200 z-wave devices, allowing you to enhance your system at anytime with just the push of a button.

Thermostat



- Adjust thermostat remotely
- Set customized schedules
- Alerts if home reaches critical temperatures

Image Sensor



- Motion sensor with infrared LED flash
- Captures images when motion is sensed
- Recieve picture notifications via text or email

Smart Energy Switch



- Works with devices up to 15 amps
- Turn connected device on/off remotely
- Set customized on/off schedules
- Monitor the energy use of connected device

Video



- HD quality live video
- Video notifications via text or email
- Clips stored securely in the cloud

Home Energy Meter



- View total electrical energy use
- Access graphs, goals, and reports
- Capture the rate of your utility provider

Water Sensor **NEW**



- Know instantly when water is leaking at home
- Receive alerts to your phone or email

Light Switch



- Turn lights on or off remotely
- Set customized light schedules

Shut Off Valve **NEW**



- Shut the water connection off to your home remotely when water sensors detect a leak

Door Locks



- Lock and unlock doors remotely
- Assign unique codes for guest entry
- Deadbolt or levers available

Heavy Duty Smart Switch **NEW**



- Works with devices up to 30 amps
- Turn connected device on/off remotely
- Set customized on/off schedules
- Monitor the energy use of connected device
- Works in and outdoors

Garage Door



- Open and close remotely
- View open/closed status
- Upgrades to existing garage door

Repeater



- Plugs into your wall outlet to extend the range of your z-wave devices
- No passwords or configuration required

Building 36 Pricing

| Good | |
|---|-----------------|
| (1) EM-huB36 | \$250.00 |
| (1) Thermostat - EM-CT100 | |
| (1) LiftMaster Gateway & Control Panel Kit - EM-LMKIT | |

| Better | |
|--|-----------------|
| (1) EM-huB36 | \$430.00 |
| (1) Thermostat - EM-CT100 | |
| (1) LiftMaster Gateway & Control Panel Kit - EM-LMKIT | |
| (1) Smart Energy Switch - Aeotec EM-DSC06106 (plugs-in to wall outlet) | |
| (1) In-Wall Dimmer - Evolve - EM-LRM-AS | |
| (1) Image Sensor - EM-ADC-IS-200-LP | |

| Best | |
|--|-----------------|
| (1) EM-huB36 | \$830.00 |
| (1) Thermostat - EM-CT100 | |
| (1) LiftMaster Gateway & Control Panel Kit - EM-LMKIT | |
| (3) Smart Energy Switch - Aeotec EM-DSC06106 (plugs-in to wall outlet) | |
| (2) In-Wall Dimmer - Evolve EM-LRM-AS | |
| (1) Image Sensor - EM-ADC-IS-200-LP | |
| (1) Home Energy Meter - Aeotec EM-DSB28 | |
| (1) Indoor Wireless Pan/Tilt with IP Night Vision - EM-ADC-V620-PT | |



Building 36 Pricing

| Intelligent Home Gateway | |
|---|----------|
| EM-huB36 | \$125.00 |
| Thermostats | |
| Thermostat - EM-CT100 | \$78.00 |
| Switches & Energy | |
| In Wall Switch - Evolve EM-LSM-15 | \$40.00 |
| In-Wall Dimmer - Evolve EM-LRM-AS | \$40.00 |
| In-Wall Accessory Switch (for 3-Way Applications) - Evolve EM-LTM-5 | \$40.00 |
| Switch Control with Energy Monitoring | |
| Smart Energy Switch - Aeotec EM-DSC06106 (plugs-in to wall outlet) | \$36.00 |
| Micro Smart Energy Switch - Aeotec EM-DSC18103 | \$31.00 |
| Energy Monitoring | |
| Home Energy Meter - Aeotec EM-DSB28 | \$73.00 |
| Keyless Entry | |
| Deadbolts | |
| Kwikset Push Button - EM-910ZW Smart Code : Satin Nickel, Venetian Bronze & Polished Brass *MOQ 10 pcs | \$163.00 |
| Yale Push Button - EM-YRD210-ZW-619: Satin Nickel, Polished Brass, & Oil Rubbed Bronze | \$188.00 |
| Lever Locks | |
| Kwikset Push Button - EM-912ZW Smart Code: Polished Brass, Satin Nickel & Venetian Bronze | \$163.00 |
| Garage Doors | |
| 1 Gateway required per Home. No control panel required for garage door openers that ar already MyQ enabled. 1 Control panel required per garage door opener if it is not MyQ enabled Must be LiftMaster compatible brand. Control replaces existing push-botton opener mounted on wall. | |
| LiftMaster Gateway Only - EM-828LM | \$44.00 |
| LiftMaster Gateway & Control Panel Kit - EM-LMKIT | \$68.00 |
| Additional LiftMaster Control Panel - EM-888LM | \$33.00 |
| Awareness | |
| Video | |
| Indoor Wireless Fixed IP Camera with Night Vision -EM-ADCV520IR | \$145.00 |
| Outdoor Wireless IP Camera with Night Vision - EM-ADCV720W | \$279.00 |
| Indoor Wireless Pan/Tilt with IP Night Vision - EM-ADCV620PT | \$211.00 |
| Motion Sensing with Image Capture | |
| Image Sensor - EM-ADC-IS-200-LP | \$86.00 |
| Other Z-wave Devices | |
| Z-wave Plug-In Repeater - Aeotec EM-DSD37 | \$17.00 |



FOUNTEN'S COMMERCIAL SOLUTIONS...

A TRUE RETURN ON INVESTMENT



FOUNTEN
ENERGY PERFORMANCE



Commercial Solutions

Wireless Communicating HVAC Energy Management

As building owners and facility managers, we know you are always looking for ways to reduce your overall operating costs. Fouten™ offers a Wireless HVAC Energy Management Solution which not only reduces your energy consumption, but gives you leading edge technology at the lowest installed cost.

Our solutions allow you to centrally manage your HVAC systems from anywhere you have Internet access, eliminating timely facility actions and increasing your productivity. Fouten products can be economically implemented as an enhanced retrofit upgrade to existing facilities, and are perfect in new construction designs with minimal expense.

OUR PRODUCTS

- Utilize integrated wireless networking (redundant self-healing Mesh network)
- Completely auto-configurable and customizable
- Include thermostats capable of managing all types of HVAC Systems:
 - PTAC's and other HVAC related equipment and Coil Units
 - Boilers
 - Fan Coils
 - Chillers
 - Cooling Towers
 - Remote Sensing
- Communicate via our robust Wireless Gateway to the core of the Fouten system; the [Fouten Site Manager](#).

WHY FOUNTEN?

- Centrally Managed HVAC
- Huge Scalability up to 2,000 Thermostats per Wireless Gateway
- Accessible Using a Smartphone, Tablet or Web Browser
- Real-time Historical Data Tracking and Analytical Reporting
- Straight-forward Scheduling
- Intuitive, User Friendly Interface
- Open API Architecture
- Free Auto Downloading Upgrades
- Unlimited Customized Alerts
- Graphic Visibility of Equipment Performance

BENEFITS YOU CAN EXPECT

- Up to 40% Energy Savings
- As Fast as One Year Return on Investment
- Cost Effective, Enhanced Retrofit Solution
- Reduced Installation and Configuration
- Increased Occupant Comfort and Satisfaction
- Increased Employee Productivity
- Decreased Maintenance and Operation
- Real-time Management and Control
- No Extra Equipment to Install or Maintain
- Flexible Solutions for all Configurations
- Running 2 year Data Trend History

OUR SOLUTION . . .
as easy as 1, 2, 3



- 1 Install Fouten's Gateway in a central location



- 2 Install Fouten's Wireless Communicating Thermostats



- 3 Activate your Fouten Site Manager

RESULTS . . .

a simple, leading edge,
wireless HVAC technology
that pays for itself

SALES SUPPORT: 1.866.239.4440

EMAIL SUPPORT: SALES@FOUNTEN.COM

TECHNICAL SUPPORT: 1.888.307.9152

Wireless technology at work for you

INNOVATION IN WIRELESS HVAC ENERGY MANAGEMENT



FOUNTEN
ENERGY PERFORMANCE

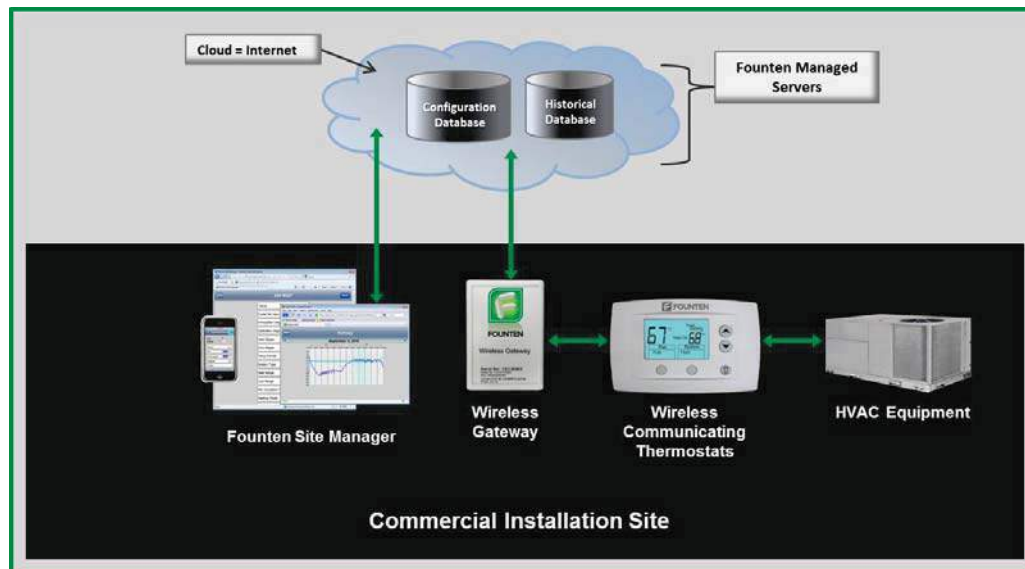
THE INNOVATIVE TECHNOLOGY

Enormous installation savings are achieved using our "Cloud Based" architecture. We leverage a Cloud Based computing platform that enables all of our innovative features. They are accessed by an easy to use, simple to understand Web Browser interface (Web App). Where the Cloud resides there are no wires, no software to install or maintain, and no interference with other wireless networks. This allows for a much smaller carbon footprint and reduced installation costs.

Our intuitive Fouten Web App runs on any "smart" device that uses a Web Browser, such as a Smartphone, Tablet, or Desktop Computer. Data is accessed anywhere you have an Internet connection. The Cloud allows servers and storage devices to be shared. Your data is protected and safe while enabling maximum flexibility.



THE SIMPLE INSTALLATION SOLUTION WITH LEADING EDGE TECHNOLOGY



THE POWER BEHIND THE SOLUTION



Accessible from any Location

Easy to Read Charts and Graphs

UNIQUE FOUNTEN FEATURES

- View Current Temperature and Settings
- Programmable Thermostat Settings
- Advanced Program Thermostat Scheduling (real-time calendar and clock)
- Configurable Operating Parameters for Optimal Performance
- Push Alert Notifications
- After Hour Reporting
- Comprehensive Charts and Graphs
 - Historical Temperature, Settings, HVAC Operations (up to 2 years)
 - Energy Consumption (electricity and gas)
 - Monthly Operating Costs by Zone/Thermostat and for Entire site
- Automatic Daily Data Back-up
- Multiple User Support
- Programmable User Permissions
- Customer Features via Open Application Programming Interface (API)
- Auto Detection of Vacant or Occupied Rooms
- Weekly Performance Analysis Reporting
- Auto Software Upgrades

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WWW.FOUNTEN.COM

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FOUNTEN™ Commercial Brochure 09/12





Wireless Communicating Energy Management System



Thermostats



Key Features

- Internet Programmable
- Wireless Control and Monitoring
- Energy Efficient
- Advanced Alarm Notifications

Thermostat Choices for Every Application

| Part # | Description | Price |
|-------------------------|--|----------------------|
| FS-STAT-32AC | Fountain Programmable Thermostat Hard Wired | \$196. ⁰⁰ |
| FS-STAT-32ACH | Fountain Programmable Thermostat Hard Wired Humidity | \$235. ⁰⁰ |
| FS-TRW-32DC | Fountain Remote Thermostat Battery Power *When used as a thermostat please add FS-TCM | \$132. ⁰⁰ |
| FS-TRW-32AC | Fountain Remote Thermostat 24 VAC Power *When used as a thermostat please add FS-TCM | \$132. ⁰⁰ |
| FS-TCM | Fountain Thermostat Control Module | \$188. ⁰⁰ |
| FS-STATBRM-230 Fan Coil | Fountain Prog T'Stat & 230V 10A Relay Module High Voltage Stat for BOV Fan Coils | \$264. ⁰⁰ |
| FS-STATBRM-277 Fan Coil | Fountain Prog T'Stat & 277V 10A Relay Module High Voltage Stat for 277V Fan Coils | \$264. ⁰⁰ |

Wireless Gateway



Key Features

- Used to wireless connect up to 2000 thermostats to the internet
- Encrypted high-speed connection for protection and reliability
- Removable command strips for product mounting
- Network connection status indicator light
- No interference with existing Wi-Fi Network

| Part # | Description | Price |
|------------|--|---------------------|
| FS-GATEWAY | Fountain Wireless Gateway Used to wireless connect up to 2000 thermostats to the internet | \$99. ⁰⁰ |

Wireless Repeater



Key Features

- Extends range up to 300 ft.

| Part # | Description | Price |
|-------------|---|---------------------|
| FS-REPEATER | Fountain Wireless Repeater Used to boost wireless signal | \$60. ⁰⁰ |

Super Fast ROI Installation

Control and see from anywhere you have internet access



Hotel Management System Interface



Key Features

- Provides intelligent, real-time communication to Fountain's Site Manager
- Automatic Internet connectivity
- Convenient small footprint of 4 inches by 3.5 inches

| Part # | Description | Price |
|--------|---|----------------------|
| FS-HIM | Fountain Hotel PMS Computer Interface Used to connect hotel rooms to the front desk interface system. Occupied/unoccupied feature. | \$515. ⁰⁰ |

Introducing the T855i

Wi-Fi Exclusively for HVAC professionals

Preseason Price \$109.⁹⁹



- 4 heat, 2 cool Universal
- 8 sq. inch display
- Setpoint limits
- Residential/Light Commercial
- IAQ fan settings
- Pre-Occupancy Purge
- Programmable Fan
- 7 Day, 5-1-1, and Non-Programmable



Introducing the T855i

Wi-Fi Exclusively for HVAC professionals



Easy Setup

If you know how to install any Pro1 thermostat you know how to install a Wi-Fi model. The quick start guide will walk the homeowner through the Wi-Fi linking procedure.



T855i Quickstart Guide **WiFi T855i Wi-Fi Thermostat**

Before you begin
Download the Pro1 Wi-Fi App from the Google Play or Apple App Store. Please have your home Wi-Fi network password ready.
iPad Users: You must search for iPhone only apps.
Note: If you prefer to use a computer to set up your new thermostat please visit: webapp.pro1iaq.com/webpage

Press "Add Thermostat" to begin

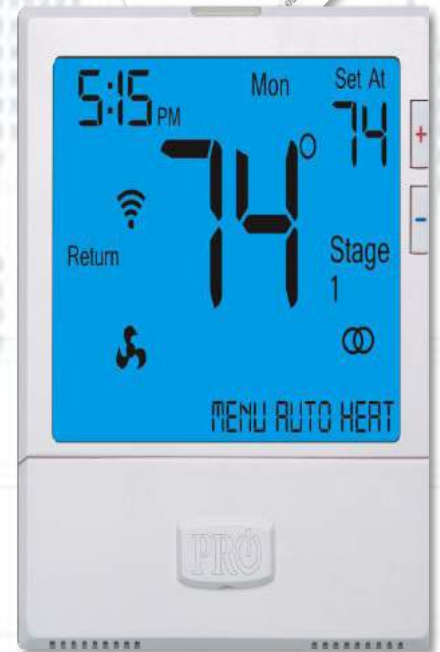
1 Step 1 - User Information
Enter your name and email address to begin the account creation.
Note: Multiple people can use the same account by sharing the login information after setup is complete.

2 Step 2 - Mailing Address
Now enter your mailing address.
Note: This step is for account creation and is not necessarily the thermostat's location.

3 Step 3 - Connecting Thermostat
Select the thermostat you wish to provision. It will be named tstat-####.
Note iOS Users: You will need to leave the Pro1 app and enter your phone's Wi-Fi settings to connect to the thermostat. The password is "tstatpassword". After connected, return to the Pro1 App and select your home network.

4 Step 4 - Wi-Fi Information
Choose your home Wi-Fi network and enter the password. Name your thermostat something that helps you remember it's location. Enter the AUTH code located at the bottom of the thermostat screen. Choose the time zone and whether or not daylight savings is utilized.

5 Step 5 - Thermostat Location
Add the address of the thermostat being installed. You must be connected to your home network to finish the registration process.
For further help please visit <http://pro1iaq.com/help>.



THERMOSTATS



| Part # | Description | In Season Price | Pre-Season Price |
|-------------|---|-----------------|------------------|
| TT-N-411 | TOPTECH 1H/1C NP TSTAT | \$23.00 | \$21.50 |
| TT-N-421 | TOPTECH 2H/1C NP HP TSTAT | \$26.20 | \$24.27 |
| TT-P-411 | TOPTECH 1H/1C PROG TSTAT | \$27.49 | \$26.09 |
| TT-P-421 | TOPTECH 2H/1C PROG HP TSTAT | \$32.63 | \$31.38 |
| TP-N-601 | TOP TECH 1H/1C NP STAT LARGE DISPLAY | \$27.99 | \$26.25 |
| TP-N-621 | TOP TECH 2H/1C NP HP STAT LARGE DISPLAY | \$37.97 | \$34.95 |
| TP-N-631W | TSTAT WIRELESS PTAC NON-PROGRAMMABLE | \$89.87 | \$83.34 |
| TP-N-701 | 1 HEAT/1 COOL NP TSTAT | \$28.56 | \$26.64 |
| TP-P-705 | 1 HEAT/1 COOL 5+1+1 TSTAT | \$33.03 | \$31.61 |
| TP-N-721 | 2 HEAT/1 COOL NP TSTAT | \$39.56 | \$37.85 |
| TP-N-751 | 3 HEAT/2 COOL NP TSTAT HUMIDITY | \$64.73 | \$43.56 |
| TP-S-755H | TSTAT UNIVERSAL H/C, H/P, w/HUMIDITY NP | \$67.88 | \$66.78 |
| TP-S-755R | TSTAT UNIVERSAL H/C, H/P, MULTI, DUAL FUEL | \$71.43 | \$68.36 |
| TP-N-801 | TSTAT DELUXE 1H/1C LARGE SCREEN | \$47.44 | \$46.08 |
| TP-N-851 | TSTAT DELUXE H/P, MULTI, NP, LARGE SCREEN | \$56.81 | \$55.60 |
| TP-S-855C | 3 HEAT/2 COOL 7 DAY TSTAT AUTO | \$66.62 | \$60.14 |
| TP-S-955C | TSTAT UNIVERSAL TOUCH SCREEN PROG/NP | \$99.08 | \$94.81 |
| TP-S-955WH | 3 HEAT/2 COOL 7 DAY TSTAT AUTO | \$175.46 | \$161.88 |
| TP-S-701I | TSTAT WIFI 1H/1C - PROGRAMMABLE THROUGH APP | \$74.63 | \$68.87 |
| TP-S-855I | TSTAT WIFI 4 HEAT/2 COOL | \$119.19 | \$109.99 |
| TP-ROS-250S | WIRED OUTDOOR/SLAB REMOTE SENSOR | \$16.20 | \$16.05 |
| TT-ROS-250W | WIRELESS OUTDOOR SENSOR | \$45.20 | \$41.71 |
| TP-RIS-251S | WIRED INDOOR REMOTE SENSOR | \$16.20 | \$16.05 |
| TP-RIS-251W | WIRELESS INDOOR SENSOR | \$62.97 | \$58.08 |

VIVE™

COMING IN APRIL

TP-S-701I - WIFI STAT

1 HEAT - 1 COOL

PROGRAMMABLE THRU APP



THERMOSTATS



Honeywell



| Part # | Description | In Season Price | Pre-Season Price |
|--------------|---|-----------------|------------------|
| TH4110D1007 | Focus Pro 4000 1H/1C | \$36.12 | \$32.88 |
| TH5110D1006 | Focus Pro 5000 1H/1C Standard Display | \$39.37 | \$35.84 |
| TH5110D1022 | Focus Pro 5000 1H/1C Large Display | \$46.17 | \$42.02 |
| TH6110D1005 | Focus Pro 6000 1H/1C Standard Display | \$58.60 | \$53.35 |
| TH6110D1021 | Focus Pro 6000 1H/1C Large Display | \$64.08 | \$58.33 |
| TH8110R1008 | VisionPro 8000 Touch Screen 1H/1C 7-Day Programmable | \$139.15 | \$133.78 |
| TH8320R1003 | VisionPro 8000 Touch Screen 3H/2C 7-Day Programmable | \$154.61 | \$148.64 |
| YTH9421C1010 | VisionPro 9000 IAQ 4H/2C T/Stat/Module/Sensor | \$259.12 | \$233.95 |
| YTH6320R1001 | Focus Pro Wireless Kit Y-Pack (T/Stat, Module, Return Air Sensor) | \$215.04 | \$193.61 |
| TH8732WF5018 | Lyric Wi-Fi Thermostat 3H/2C Digital Programmable | \$230.00 | \$220.00 |
| C7089U1006 | Wired Outdoor Temperature Sensor | \$22.64 | \$21.49 |
| C7089R1013 | Wireless Outdoor Temperature Sensor | \$50.01 | \$47.82 |
| THX9321R5030 | Prestige HD Thermostat | \$277.26 | \$242.48 |
| THM6000R1002 | RedLINK Enabled Internet Gateway | \$96.92 | \$81.74 |
| C7189R1004 | Wireless Indoor Sensor | \$37.43 | \$32.52 |
| REM5000R1001 | Portable Comfort Control | \$89.76 | \$85.22 |

ZONING



| Part # | Description | In Season Price | Pre-Season Price |
|------------|--|-----------------|------------------|
| HZ311 | 2-3 Single Stage True Zone | \$116.22 | \$108.68 |
| HZ322 | 2-3 Multi-Stage/HP True Zone Red Link Wireless | \$164.56 | \$153.87 |
| HZ432 | 2-4 Multi-Stage/HP/DF True Zone | \$305.57 | \$285.72 |
| ZD8X16 | Zone Damper 8X16 | \$151.85 | \$141.99 |
| ZD8X18 | Zone Damper 8X18 | \$154.72 | \$144.67 |
| ZD8X20 | Zone Damper 8X20 | \$157.01 | \$146.82 |
| ZD10X14 | Zone Damper 10X14 | \$158.16 | \$147.88 |
| ZD10X18 | Zone Damper 10X18 | \$166.17 | \$155.38 |
| ZD10X20 | Zone Damper 10X20 | \$169.61 | \$158.58 |
| ZD10X22 | Zone Damper 10X22 | \$178.82 | \$167.22 |
| ZD12X14 | Zone Damper 12X14 | \$162.74 | \$152.16 |
| ZD12X18 | Zone Damper 12X18 | \$170.79 | \$159.71 |
| ZD12X20 | Zone Damper 12X20 | \$173.61 | \$162.34 |
| ZD12X22 | Zone Damper 12X22 | \$182.84 | \$170.96 |
| ZD14X14 | Zone Damper 14X14 | \$166.17 | \$155.38 |
| ZD18X10 | Zone Damper 18X10 | \$166.17 | \$155.38 |
| ZD18X12 | Zone Damper 18X12 | \$170.74 | \$159.67 |
| ZD18X8 | Zone Damper 18X8 | \$152.57 | \$142.79 |
| ZD20X10 | Zone Damper 20X10 | \$169.61 | \$158.58 |
| ZD20X12 | Zone Damper 20X12 | \$173.61 | \$162.34 |
| ZD20X8 | Zone Damper 20X8 | \$157.01 | \$146.82 |
| ZD22X10 | Zone Damper 22X10 | \$178.82 | \$167.22 |
| ZD22X12 | Zone Damper 22X12 | \$183.42 | \$171.52 |
| Y8150A1009 | Fresh Air Ventilation Control 6" | \$166.29 | \$155.46 |

EXHAUST FANS



| Part # | Description | In Season Price | Pre-Season Price |
|---------|--|-----------------|------------------|
| BFQ50 | Bathroom Exhaust Fan 50 CFM | \$43.49 | \$40.55 |
| BFQ75 | Bathroom Exhaust Fan 75 CFM | \$46.38 | \$43.25 |
| BFQ80 | Bathroom Exhaust Fan 80 CFM | \$48.56 | \$45.28 |
| AK110LS | Deluxe Quiet Exhaust Fan | \$130.44 | \$121.63 |
| 9550 | Commercial Utility Grade Pivoting Blower | \$86.96 | \$81.09 |
| PRC6R | Round Duct Roof Cap 6" | \$39.86 | \$37.17 |

THERMOSTAT WIRE

| Part # | Description | In Season Price | Pre-Season Price |
|---------------|----------------------------|-----------------|------------------|
| TW-18G500-2R | 2 Wire/18 Ga./500 Ft Roll | \$44.05 | \$42.30 |
| TW-18G500-3R | 3 Wire/18 Ga./500 Ft Roll | \$61.52 | \$59.08 |
| TW-18G250-4R | 4 Wire/18 Ga./250 Ft Roll | \$44.32 | \$42.57 |
| TW-18G250-5R | 5 Wire/18 Ga./250 Ft Roll | \$44.24 | \$42.49 |
| TW-18G250-6R | 6 Wire/18 Ga./250 Ft Roll | \$63.51 | \$61.00 |
| TW-18G250-8R | 8 Wire/18 Ga./250 Ft Roll | \$66.21 | \$63.58 |
| TW-18G250-10R | 10 Wire/18 Ga./250 Ft Roll | \$99.32 | \$95.38 |
| TW-18G250-12R | 12 Wire/18 Ga./250 Ft Roll | \$123.82 | \$118.91 |

WIRE NUTS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--------------------------|-----------------|------------------|
| TP-WNB | BLUE WIRE NUTS 100/JAR | \$4.77 | \$4.06 |
| TP-WWNB | WINGED WIRE NUTS 25/JAR | \$6.61 | \$5.29 |
| TP-WNO | ORANGE WIRE NUTS 100/JAR | \$6.93 | \$6.03 |
| TP-WNR | RED WIRE NUTS 50/JAR | \$11.34 | \$10.04 |
| TP-WNY | YELLOW WIRE NUTS 100/JAR | \$6.96 | \$5.98 |

WHIPS - ELECTRICAL

| Part # | Description | In Season Price | Pre-Season Price |
|--------|--|-----------------|------------------|
| 6-12-4 | 1/2" X 4' #10 Wire w/Metal Fitting 1-Straight/ 1- 90 Elbow | \$11.20 | \$10.45 |
| 6-12-6 | 1/2" X 6' #10 Wire w/Metal Fitting 1-Straight/1-90 Elbow | \$13.72 | \$12.80 |
| 6-34-6 | 3/4" X 6' #8 Wire w/Metal Fitting 1-Straight/1-90 Elbow | \$19.60 | \$17.85 |

DISCONNECTS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|-----------------------------|-----------------|------------------|
| TP-60AMP | 60 AMP Fused Disconnect | \$13.22 | \$12.39 |
| TP-60AMP-NF | 60 AMP Non-Fused Disconnect | \$10.49 | \$9.52 |
| TP-30AMP | 30 AMP Fused Disconnect | \$15.03 | \$13.74 |
| SSU | SSU Bussman Fuse | \$9.01 | \$8.26 |
| SSY | SSY Bussman Fuse | \$10.00 | \$9.17 |

FUSES

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|-------------------------------------|-----------------|------------------|
| FLNR010.T | 10 amp Cartridge Fuse, Dual - 10/pk | \$3.40 | \$3.08 |
| FLNR015.T | 15 amp Cartridge Fuse, Dual - 10/pk | \$2.77 | \$2.55 |
| FLNR20 | 20 amp Cartridge Fuse, Dual - 10/pk | \$3.40 | \$3.08 |
| FLNR30 | 30 amp Cartridge Fuse, Dual - 10/pk | \$2.84 | \$2.63 |
| FLNR40ID | 40 amp Cartridge Fuse, Dual - 10/pk | \$5.68 | \$5.15 |
| OTOO015.Z | Dual Ele Time Delay;Plug Fuse 4/pk | \$2.92 | \$2.34 |
| OTOO030.Z | Dual Ele Time Delay;Plug Fuse 4/pk | \$3.72 | \$2.97 |
| OSOO015.Z | Dual Ele Time Delay;Plug Fuse 4/pk | \$2.59 | \$2.45 |
| OATO003.V | 3 amp Fast Acting Fuse - 5/pk | \$0.35 | \$0.30 |
| OATO005.V | 5 amp Fast Acting Fuse - 5/pk | \$0.35 | \$0.30 |

SUPPLIES



| Part # | Description | In Season Price | Pre-Season Price |
|-------------------|---|-----------------|------------------|
| TP-TERM-77250 | TOPTECH DBLE MALE-FEM ADAP PIGGYBACK 30/pk | \$18.04 | \$15.73 |
| TP-TERM-7MMF250 | TOPTECH DBLE MALE-FEM ADAP FLAT PACK 30/pk | \$12.02 | \$10.50 |
| TP-TERM-8R0250 | TOPTECH HD RED RING 8AWG 1/4 20/pk | \$10.25 | \$8.93 |
| TP-TERM-BBS | TOPTECH BLUE BUTT CONN 16-14AWG 100/pk | \$12.63 | \$11.02 |
| TP-TERMBQDM250 | TOPTECH BLUE QK DISC MALE 16-14AWG 100/pk | \$8.83 | \$4.61 |
| TP-TERM-BFFI250 | TOPTECH BLUE FEM FLAG QK DISC INSL 30/pk | \$9.74 | \$8.50 |
| TP-TERM-BQDF187 | TOPTECH BLUE QK DISC FEMALE 16-14AWG 100/pk | \$8.92 | \$7.78 |
| TP-TERM-BQDF250 | TOPTECH BLUE QK DISC FEMALE 16-14AWG 100/pk | \$8.87 | \$7.74 |
| TP-TERM-BQDFFI250 | TOPTECH BLUE QK DISC FEMALE INSL 16-14AWG 40/pk | \$10.69 | \$9.31 |
| TP-TERM-BQDFM | TOPTECH BLUE MULTI-STACK DISC 16-14AWG 30/pk | \$6.00 | \$5.24 |
| TP-TERM-BR10 | TOPTECH BLUE STUD 16-14AWG #10 100/pk | \$7.88 | \$6.88 |
| TP-TERM-BS10 | TOPTECH BLUE SPADE 16-14AWG #10 100/pk | \$7.28 | \$6.36 |
| TP-TERM-BS6 | TOPTECH BLUE SPADE 16-14AWG #6 100/pk | \$7.28 | \$6.36 |
| TP-TERM-CC0375 | TOPTECH CABLE CLAMP 3/8 40/pk | \$5.16 | \$4.50 |
| TP-TERM-CES1810 | TOPTECH CLOSED END CONN 18-10AWG 40/pk | \$10.74 | \$9.37 |
| TP-TERM-CES2214 | TOPTECH CLOSED END CONN 22-14AWG 50/pk | \$8.92 | \$7.79 |
| TP-TERM-COM1208 | TOPTECH COMPRESSOR TERM 12-8AWG | \$10.43 | \$9.09 |
| TP-TERMKIT/TOOL | TERMKIT 180PC w/TOOL | \$21.10 | \$19.97 |
| TP-TERMKITDELUXE | TERMKIT 570PC DELUXE | \$48.59 | \$45.99 |
| TP-TERM-LEADS-10 | TOPTECH COMPRESSOR HOOK UP LEAD KIT 10AWG | \$9.33 | \$8.15 |
| TP-TERM-RBS | TOPTECH RED BUTT CONN 22-18AWG 100/pk | \$9.44 | \$8.25 |
| TP-TERM-RQDF187 | TOPTECH RED QK DISC FEMALE 22-18AWG 100/pk | \$7.76 | \$6.76 |

SUPPLIES



| Part # | Description | In Season Price | Pre-Season Price |
|----------------------|---|-----------------|------------------|
| TP-TERM-RQDF250 | TOPTECH RED QK DISC FEMALE 22-18AWG 100/pk | \$12.83 | \$11.18 |
| TP-TERM-RQDFFI250 | TOPTECH RED QK DISC FEMALE FULL INSL 22-18AWG 40/pk | \$12.02 | \$10.49 |
| TP-TERM-RQDFM | TOPTECH RED MULTI-STACK DISC 22-18AWG 30/pk | \$5.33 | \$4.66 |
| TP-TERM-RQDM250 | TOPTECH RED QK DISC MALE 22-18AWG 100/pk | \$8.88 | \$7.75 |
| TP-TERM-RQDMI250 | TOPTECH RED QK DISC MALE FULL INSL 22-18AWG 40/pk | \$8.49 | \$6.94 |
| TP-TERM-RS10 | TOPTECH RED SPADE 22-18AWG #10 100/pk | \$7.28 | \$6.36 |
| TP-TERM-YBS | TOPTECH YELLOW BUTT CONN 12-10AWG 75/pk | \$9.84 | \$8.58 |
| TP-TERM-YQDF250 | TOPTECH YELLOW QK DISC FEMALE 12-10AWG 75/pk | \$10.79 | \$9.41 |
| TP-TERM-YQDFFI250 | TOPTECH YELLOW QK DISC FEMALE INSL 12-10AWG 40/pk | \$6.81 | \$5.93 |
| TP-TERM-YS10 | TOPTECH YELLOW SPADE 12-10AWG #10 75/pk | \$16.68 | \$14.56 |
| TP-CRIMPTOOL | CRIMPING TOOL | \$7.08 | \$6.19 |
| TP-B2 | 2" CHIP BRUSH | \$0.39 | \$0.31 |
| TP-CABLETIE11B | CABLETIE 11" BLACK 100/pk | \$8.57 | \$8.31 |
| TP-CABLETIE11N | CABLETIE 11" NATURAL 100/pk | \$9.93 | \$9.59 |
| TP-CABLETIE14B | CABLETIE 14" BLACK 100/pk | \$10.58 | \$10.30 |
| TP-CABLETIE14N | CABLETIE 14" NATURAL 100/pk | \$11.08 | \$10.77 |
| TP-CABLETIE24B | CABLETIE 24" BLACK 50/PK | \$16.71 | \$14.62 |
| TP-CABLETIE24N | CABLETIE 24" NATURAL 50/pk | \$14.69 | \$12.86 |
| TP-CABLETIE7B | CABLETIE 7" BLACK 100/pk100 | \$5.16 | \$4.92 |
| TP-CABLETIE7N | CABLETIE 7" NATURAL 100/pk | \$5.30 | \$5.01 |
| TP-CABLETIEMOUNT11B | CABLETIE MOUNT 11" BLACK 25/pk | \$4.55 | \$4.42 |
| TP-CABLETIEMOUNT11N | CABLETIE MOUNT 11" NATURAL 25/pk | \$4.68 | \$4.51 |
| TT-CABLETIETUBE/TOOL | CABLETIE TUBE ASST CLR w/TOOL | \$22.12 | \$19.35 |
| TP-CABLETIETUBE650B | CABLETIE TUBE BLACK 650/pk | \$17.84 | \$15.61 |
| TP-CABLETIETUBE650N | CABLETIE TUBE NATURAL 650/pk | \$17.84 | \$15.61 |
| TT-HOSECLAMPS | HOSE CLAMP ASSORTMENT 30/pk | \$13.12 | \$11.71 |
| TP-VDCLAMP-1/2 | TOPTECH 1/2" VINYL DIPPED CLAMP 10/pk | \$3.71 | \$3.24 |
| TP-VDCLAMP-3/4 | TOPTECH 3/4" VINYL DIPPED CLAMP 10/pk | \$3.47 | \$3.03 |



NU-CALGON CHEMICALS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|---|-----------------|------------------|
| 4291-18 | Nu-Brite 18 oz can | \$7.24 | \$7.02 |
| 4132-20 | Cal-Blast 20 oz can | \$10.43 | \$10.11 |
| 4166-75 | Evap-Fresh No Rinse 18 oz can | \$9.10 | \$8.61 |
| 4171-75 | Evap-Foam No Rinse 18 oz can | \$8.55 | \$7.91 |
| 4080-04 | Spray Adhesive 14 oz can | \$15.34 | \$14.85 |
| 4369-75 | Spray-N-Bond adhesive 12 oz can | \$5.97 | \$5.78 |
| 4292-75 | Nu-Kill II Wasp and Hornet Killer 13 oz can | \$10.94 | \$10.59 |
| 4083-75 | Degreasing Solvent EF 17 oz can | \$10.61 | \$10.28 |
| 4082-03 | Electrical Contact Cleaner 14 oz can | \$18.60 | \$18.02 |
| 4296-50 | Pan Spray White 16 oz can | \$17.85 | \$17.29 |
| 4296-51 | Pan Spray Black 16 oz can | \$17.85 | \$17.29 |
| 4297-75 | Pipe Dri 18 oz can | \$11.76 | \$11.39 |
| 4128-03 | Break-N-Lube 12 oz can | \$7.21 | \$6.99 |
| 4371-88 | Tri-Pow'r HD 1 gal | \$13.96 | \$13.52 |
| 4133-08 | Cal-Brite 1 gal | \$24.08 | \$22.77 |
| 4178-08 | Foam-Brite 1 gal | \$18.69 | \$17.69 |
| 4291-08 | Nu-Brite 1 gal | \$18.47 | \$17.47 |
| 4120-08 | Alka-Brite Plus 1 gal | \$19.55 | \$18.93 |
| 4372-24 | Tri-Clean 2X Quart Sprayer with Hose Connector | \$18.50 | \$17.92 |
| 4190-08 | Cal-Green 1 gal | \$19.46 | \$18.85 |
| 4191-08 | Evap-Green 1 gal | \$18.17 | \$17.60 |
| 4186-08 | Green Clean 1 gal | \$20.21 | \$19.58 |
| 4135-08 | CalClean 1 gal | \$23.74 | \$21.97 |
| 4166-08 | Evap-Fresh No Rinse 1 gal | \$19.50 | \$18.44 |
| 4168-08 | Evap-Pow'r C 1 gal | \$16.81 | \$15.55 |
| 4774-0 | Coil Gun | \$68.65 | \$63.44 |
| 4185-75 | Great Wipes 75 count | \$14.36 | \$13.91 |
| 4291-05 | Nu-Brite 2.5 gal | \$47.02 | \$44.47 |
| 4207-08 | Liquid Ice Machine Cleaner 1 gal | \$64.88 | \$62.84 |
| 4287-08 | Nickle Safe Ice Machine Cleaner 1 gal | \$51.48 | \$48.96 |
| 4287-34 | Nickle Safe Ice Machine Cleaner 16 fl oz | \$8.22 | \$7.96 |
| 4330-08 | Liquid Scale Dissolver 1 gal | \$20.67 | \$20.02 |
| 4300-89 | Injection Valve | \$31.26 | \$30.28 |
| 4300-52 | Rx11-Flush Hose | \$22.75 | \$21.12 |
| 4051-99 | A/C Piercing Valve and Hose | \$14.89 | \$14.43 |
| 4300-38 | Rx11 Flush Liquid Starter Kit | \$110.44 | \$104.44 |
| 4300-08 | Rx11 Flush Starter Kit | \$103.16 | \$97.56 |
| 4300-30 | Rx11 Flush Liquid 19.5 fl. oz Unpressurized Can | \$49.38 | \$45.69 |

NU-CALGON CHEMICALS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|---|-----------------|------------------|
| 4300-09 | Rx11 Flush 1 lb Canister | \$49.38 | \$45.69 |
| 4300-11 | Rx11 Flush 2 lb Canister | \$94.89 | \$87.79 |
| 4300-10 | Rx11 Flush 2+1 Display Pack | \$217.07 | \$200.82 |
| 4050-02 | AC EasySeal 2+1 Display Pack | \$121.25 | \$117.43 |
| 4050-06 | AC EasySeal 3 oz Pressurized Can | \$53.03 | \$51.36 |
| 4050-01 | AC EasySeal-SS 1.25 oz Pressurized Can | \$41.16 | \$39.86 |
| 4051-06 | AC EasyDry 3 oz Pressurized Can | \$53.03 | \$51.36 |
| 4301-02 | AC Acid Scavenger 1 Box 2 fl oz Liquid | \$22.58 | \$21.86 |
| 4301-05 | AC Acid Scavenger 1 Pressurized Can | \$22.58 | \$21.86 |
| 4320-W8 | Phase III Refrigeration Oil Acid Test Kit 1 Box | \$12.72 | \$12.32 |
| 4057-50 | AC Re-New Pressurized Can | \$72.38 | \$70.11 |
| 4186-24 | Green Clean 1 qt Spray Bottle | \$11.01 | \$10.66 |
| 4148-32 | Cal-Shield 1 qt Spray Bottle | \$24.59 | \$22.75 |
| 4148-08 | Cal-Shield 1 gal | \$59.51 | \$55.06 |
| 4371-32 | Thermo Trap 1 qt Gel Spray | \$16.93 | \$16.40 |
| 4371-36 | Thermo Trap 11 oz Tube | \$11.02 | \$10.68 |
| 4126-38 | Bio-Fresh CD 1 gal | \$21.01 | \$20.35 |
| 4126-34 | Bio-Fresh 1 qt Spray Bottle | \$12.37 | \$11.98 |
| 4296-60 | Pan Treat 1 Bottle (200 tablets) | \$20.73 | \$20.08 |
| 4185-03 | Gel Tabs 3 Ton Tab (12 in a tube) | \$16.58 | \$16.06 |
| 4185-05 | Gel Tabs 5 Ton Tab (6 in a tube) | \$19.71 | \$19.09 |
| 4296-24 | PanPads 15 Pack | \$12.93 | \$12.52 |
| 4217-W3 | Cork-Tape 2" x 1/8" x 30' Roll | \$15.22 | \$14.74 |
| 4218-W3 | Perma-Wrap 2" x 1/8" x 30' Roll | \$13.96 | \$13.52 |
| 4219-12 | Foam-Tite 2" x 1/8" x 30' Roll | \$9.15 | \$8.86 |
| 4216-27 | Sealing & Caulking Cords 3/8" x 25' Roll | \$11.51 | \$11.15 |
| 4216-92 | Thumb-Tite 2 lb Box | \$9.99 | \$9.68 |
| 4293-04 | Nu-Foam 12 oz Can | \$7.11 | \$6.89 |
| 4182-08 | Cal-Blue Plus 1 gal Bottle | \$21.93 | \$21.24 |
| 4182-24 | Cal-Blue Plus 1 qt Spray Bottle | \$8.17 | \$7.92 |
| 4184-24 | Fluorescent Gas Leak Detector 1 qt Spray Bottle | \$11.98 | \$11.61 |
| 4180-53 | Gas Leak Detector 6 fl oz Bottle w/dauber | \$6.80 | \$6.59 |
| 4383-24 | Cal-Vac Vacuum Pump Oil 1 qt Bottle | \$10.17 | \$9.85 |
| 4383-07 | Cal-Vac Vacuum Pump Oil 1 gal Bottle | \$27.89 | \$27.02 |
| 4303-07 | C-3s (Mineral Oil) 1 gal | \$28.45 | \$27.56 |

CHEMICALS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|----------------------------------|-----------------|------------------|
| TT-8-G | Top-Kleen Green No Rinse | \$9.52 | \$8.86 |
| TP-8-P | Top-Pro Blue Non Acid | \$10.46 | \$8.81 |
| TT-8-R+ | Top-Pro Red Non Acid | \$10.90 | \$9.67 |
| TP-720-01 | Top-Super Brite Brown Foaming | \$12.63 | \$12.09 |
| TT-FLUSH-P16 | Copper Flush 16 oz 1 lb Canister | \$52.64 | \$46.19 |
| TT-FLUSH-P30 | Copper Flush 30 oz 2 lb Canister | \$91.38 | \$85.32 |

TAPE & CHEMICALS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------------|--|-----------------|------------------|
| 2PST | Aluminum Foil 2" x 50 yd - 24/case | \$9.91 | \$9.20 |
| 25PST | Aluminum Foil 2½" x 50 yd - 16/case | \$12.37 | \$11.49 |
| 3PST | Aluminum Foil 3" x 50 yd - 16/case | \$14.84 | \$13.78 |
| 339-2-1/2 | UL Alum Foil 2½" x 60 yd - 16/case | \$21.23 | \$19.71 |
| 338-3 | Foil, Scrim, Kraft 3" x 50 yd - 16/case | \$16.66 | \$15.46 |
| TP-ELECTAPE | Electrical Tape | \$1.07 | \$0.96 |
| TP-ELECTAPE-6 | Electrical Tape - 6/pk | \$6.61 | \$4.20 |
| POLY2232060B | Duct Tape, Black 2" x 60 yd - 24/case | \$8.92 | \$8.28 |
| 223-2x60-SILVER | Duct Tape, Silver 2" x 60 yd - 24/case | \$8.61 | \$7.99 |
| 469 BLK 3x60 | Duct Tape, Black 3" x 60 yd - 16/case | \$12.25 | \$11.72 |
| 2532 | Duct Tape, Silver 2" x 60 yd - 24/case | \$15.54 | \$14.41 |
| 557B2 | Duct Tape, Black UL181-FX 2" x 60 yd - 24/case | \$15.86 | \$15.17 |
| 557M2 | Duct Tape, Metallic UL181-FX 2" x 60 yd - 24/case | \$16.14 | \$14.98 |
| 555S2 | Flex Fix, Metallic UL181B-FX 2" x 120 yd - 36/case | \$14.01 | \$13.00 |
| 555B2 | Flex Fix, Black UL181B-FX 2" x 120 yd - 36/case | \$13.59 | \$13.00 |
| 367-17 | Foil Mastic, Metallic UL181B-FX 2" x 102' - 24/case | \$21.42 | \$19.89 |
| 339-3 | Premium Foil, Cold Weather Metallic 3" x 60 yd - 16/case | \$25.47 | \$23.65 |
| P904-0201 | Cork Insulation - 12/case | \$10.12 | \$9.40 |
| P904-0101 | Foam Insulation - 12/case | \$7.33 | \$6.81 |
| P904-0404 | Sealing Slugs - 2 # | \$4.03 | \$3.74 |

SILICONE

| Part # | Description | In Season Price | Pre-Season Price |
|---------|---|-----------------|------------------|
| 0809/OI | Red Heat Resist RTV Silicone - 12/case | \$7.58 | \$7.04 |
| 0896 | RTV Silicone - White 10.1 fl oz - 12/case | \$4.54 | \$4.23 |
| 0896/50 | RTV Silicone - Grey 10.1 fl oz - 12/case | \$4.54 | \$4.23 |
| 0897 | RTV Silicone - Clear 10.1 fl oz - 12/case | \$4.54 | \$4.23 |

CONDENSATE PUMPS & SAFETY SWITCHES

| Part # | Description | In Season Price | Pre-Season Price |
|------------|--|-----------------|------------------|
| TP-CP-20T | TopTech Condensate Pump 20' Lift 115v | \$44.22 | \$39.61 |
| ASP-MO-UNI | Mini & Maxi Condensate Pump 115/230v | \$104.99 | \$96.60 |
| ASP-MW-UNI | Mini & Maxi Condensate Pump White 115/230v | \$130.33 | \$117.52 |
| CVMINI | Clearview Mini Condensate Pump 115v | \$100.49 | \$92.97 |
| ACS2 | Safety Overflow Switch | \$12.55 | \$10.83 |
| TP-SS1 | TopTech ¾" Safety Overflow Switch | \$15.04 | \$13.72 |
| TP-SS2 | TopTech Auxillary Drain Pan Switch | \$12.84 | \$11.70 |
| TP-SS3 | Top Tech Overflow Switch Clip On | \$12.49 | \$10.82 |
| WS-1 | Wet Switch 24V | \$40.00 | \$38.33 |

VINYL TUBING

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|---------------------------------------|-----------------|------------------|
| CVT38 | ¾" Clear Vinyl Tubing 100' Roll | \$12.13 | \$11.28 |
| CVT12 | ½" Clear Vinyl Tubing 100' Roll | \$16.93 | \$15.74 |
| CVT58 | ⅝" Clear Vinyl Tubing 100' Roll | \$19.91 | \$17.71 |
| TP-VDCLAMP-1/2 | TOPTECH ½ IN VINYL DIPPED CLAMP 10/pk | \$3.71 | \$3.24 |
| TP-VDCLAMP-3/4 | TOPTECH ¾ IN VINYL DIPPED CLAMP 10/pk | \$3.47 | \$3.03 |

PVC CEMENT

| Part # | Description | In Season Price | Pre-Season Price |
|-----------------|---|-----------------|------------------|
| TT-PVC-CEMENT-P | Purple - Up to 300 Joint Connections | \$7.64 | \$6.69 |
| TT-PVC-CEMENT-C | Clear - Up to 300 Joint Connections | \$7.64 | \$6.69 |
| TF16 | Pipe Dope | \$16.78 | \$15.38 |
| IG16 | Blue Magic Pipe Thread Compound - 16 oz | \$15.88 | \$14.76 |
| AP16 | All Purpose PVC Cleaner - 16 oz | \$10.91 | \$10.12 |
| C16 | PVC Cleaner - 16 oz | \$6.64 | \$6.16 |

CONCENTRIC TERMINATIONS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|-------------------------------------|-----------------|------------------|
| KGAVT0701CVT | 2" Concentric Vent Kit | \$33.00 | \$31.00 |
| KGAVT0801CVT | 3" Concentric Vent Kit | \$41.00 | \$39.00 |
| HVENT-2 | 2" Low Profile Vent Termination Kit | \$16.74 | \$15.45 |
| HVENT-3 | 3" Low Profile Vent Termination Kit | \$16.74 | \$15.45 |

Vent Termination Kits



PVC FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|------------------------------|-----------------|------------------|
| TP-PVC-401007A | ¾" PVC Tee S x S x S, 10/pk | \$0.26 | \$0.24 |
| TP-PVC-406007A | ¾" PVC 90 Elbow, 10/pk | \$0.21 | \$0.19 |
| TP-PVC-417007A | ¾" PVC 45 Elbow, 10/pk | \$0.46 | \$0.41 |
| TP-PVC-429007A | ¾" PVC Coupling S x S, 10/pk | \$0.20 | \$0.18 |
| TP-PVC-436007A | ¾" PVC S x MPT, 10/pk | \$0.19 | \$0.17 |
| TP-PVC-447007A | ¾" Cap, 10/pk | \$0.24 | \$0.18 |
| 5934 | 2" Coupling | \$0.88 | \$0.78 |
| PVC-05877 | 2" 90 Degree Elbow | \$1.96 | \$1.68 |
| 5872 | 2" 90 Degree Long Radius | \$3.27 | \$2.82 |
| 5886 | 2" 45 Degree Elbow | \$1.80 | \$1.54 |
| PVC-06404 | 2" Tee | \$5.93 | \$5.08 |
| 429-025 | 2½" Coupling | \$1.96 | \$1.77 |
| 406-025 | 2½" 90 Degree Elbow | \$4.49 | \$4.04 |
| 417-025 | 2½" 45 Degree Elbow | \$4.36 | \$3.92 |
| 5935 | 3" Coupling | \$2.83 | \$2.42 |
| 5878 | 3" 90 Degree Elbow | \$5.85 | \$5.02 |
| 5873 | 3" 90 Degree Long Radius | \$7.69 | \$6.58 |
| 05887 | 3" 45 Degree Elbow | \$5.10 | \$4.36 |
| PVC-06405 | 3" Tee | \$17.54 | \$15.04 |
| 437-292 | 2½" x 2" Reducer | \$1.78 | \$1.60 |
| 437-339 | 2½" x 3" Reducer | \$2.61 | \$2.35 |
| 489-007 | ¾" PVC PTrap | \$1.03 | \$0.92 |

PVC PIPE & HANGERS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|-------------------------------------|-----------------|------------------|
| 50830 | 2" x 10' Pipe PVC | \$9.14 | \$8.51 |
| PVC-2.5-40 | 2½" x 10' Pipe PVC | \$15.37 | \$14.34 |
| 50840 | 3" x 10' Pipe PVC | \$18.01 | \$17.04 |
| PVC-3/4-40 | ¾" x 10' Schedule 40 | \$3.60 | \$3.34 |
| 515-J2000 | 2" Adj Swivel J-Hook Hanger - 25/pk | \$1.29 | \$1.19 |
| 515-J3000 | 3" Adj Swivel J-Hook Hanger - 25/pk | \$1.52 | \$1.40 |
| 710-A1710 | 30 Ga Galvanized Strap ¾" x 10' | \$2.36 | \$2.09 |



ANTI-VIBRATION PADS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|----------------------------------|-----------------|------------------|
| MP-4C | 4 x 4 Rubber & Cork Pad - 24/ctn | \$1.58 | \$1.32 |

*Other sizes available, please contact your local branch

SMOKE DETECTORS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|---|-----------------|------------------|
| AP-SL-2000-P | Smoke Detector w/Photoelectric Head | \$106.85 | \$99.93 |
| AP-FAST-TUBE | Sampling Tube Cut to Size 12" up to 60" | \$12.83 | \$11.84 |

*Please call for pricing on accessories for smoke detectors.

COPPER FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------------|------------------------------------|-----------------|------------------|
| TP-1/4CC | ¼" Coupling - 10/pk | \$0.36 | \$0.33 |
| TP-3/8CC | ⅜" Coupling - 10/pk | \$0.37 | \$0.33 |
| TP-1/2CC | ½" Coupling - 10/pk | \$0.37 | \$0.33 |
| TP-5/8CC | ⅝" Coupling - 10/pk | \$0.40 | \$0.35 |
| TP-3/4CC | ¾" Coupling - 10/pk | \$1.12 | \$1.00 |
| TP-7/8CC | ⅞" Coupling - 10/pk | \$0.80 | \$0.71 |
| TP-11/8CC | 1⅞" Coupling - 10/pk | \$1.45 | \$1.28 |
| TP-3/890CELR | ⅜" 90 Degree LR Elbow, 10/pk | \$0.71 | \$0.63 |
| TP-1/290CELR | ½" 90 Degree LR Elbow, 10 per/pk | \$2.38 | \$2.17 |
| TP-5/890CELR | ⅝" 90 Degree LR Elbow, 10 per/pk | \$0.82 | \$0.73 |
| TP-3/490CELR | ¾" 90 Degree LR Elbow, 10 per/pk | \$1.50 | \$1.33 |
| TP-7/890CELR | ⅞" 90 Degree LR Elbow, 10 per/pk | \$2.04 | \$1.80 |
| TP-11/890CELR | 1⅞" 90 Degree LR Elbow, 10 per/pk | \$4.94 | \$4.45 |
| TP-13/890CELR | 1⅞" 90 Degree LR Elbow, 10 per/pk | \$7.19 | \$6.54 |
| TP-3/890CELRST | ⅜" 90 Degree LR Street, 10 per/pk | \$0.96 | \$0.85 |
| TP-3/490CELRST | ¾" 90 Degree LR Street, 10 per/pk | \$4.25 | \$3.82 |
| TP-5/890CELRST | ⅝" 90 Degree LR Street, 10 per/pk | \$0.96 | \$0.85 |
| TP-7/890CELRST | ⅞" 90 Degree LR Street, 10 per/pk | \$3.06 | \$2.97 |
| TP-11/890CELRST | 1⅞" 90 Degree LR Street, 10 per/pk | \$5.49 | \$4.89 |
| W03005 | ¼" 45 Degree Elbow | \$4.10 | \$3.71 |
| W03012 | ⅜" 45 Degree Elbow | \$3.95 | \$3.49 |
| W03021 | ½" 45 Degree Elbow | \$3.27 | \$2.88 |
| W03026 | ⅝" 45 Degree Elbow | \$1.87 | \$1.66 |
| W03030 | ¾" 45 Degree Elbow | \$5.69 | \$5.00 |
| W03034 | ⅞" 45 Degree Elbow | \$4.57 | \$4.02 |
| W03044 | 1⅞" 45 Degree Elbow | \$4.88 | \$4.29 |

SOFT COPPER

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|------------------------------|-----------------|------------------|
| REF-50X1/4 | ¼" x 50' Roll - 10/carton | \$21.53 | \$19.71 |
| REF-50X5/16 | 5/16" x 50' Roll - 10/carton | \$28.92 | \$26.48 |
| REF-50X3/8 | 3/8" x 50' Roll - 10/carton | \$32.04 | \$29.33 |
| REF-50X1/2 | ½" x 50' Roll - 5/carton | \$43.51 | \$39.83 |
| REF-50X5/8 | 5/8" x 50' Roll - 5/carton | \$60.58 | \$55.46 |
| REF-50X3/4 | ¾" x 50' Roll - 3/carton | \$71.97 | \$65.88 |
| REF-50X7/8 | 7/8" x 50' Roll - 3/carton | \$107.57 | \$98.47 |
| REF-50X1-1/8 | 1½" x 50' Roll - 1/carton | \$157.84 | \$144.50 |

ACR COPPER

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|-----------------------|-----------------|------------------|
| ACR-20x3/8 | 3/8" x 20' ACR Copper | \$16.02 | \$14.94 |
| ACR-20x1/2 | ½" x 20' ACR Copper | \$24.48 | \$22.83 |
| ACR-20x5/8 | 5/8" x 20' ACR Copper | \$30.93 | \$28.84 |
| ACR-20x3/4 | ¾" x 20' ACR Copper | \$43.29 | \$40.37 |
| ACR-20x7/8 | 7/8" x 20' ACR Copper | \$47.74 | \$44.52 |
| ACR-20x1-1/8 | 1½" x 20' ACR Copper | \$81.73 | \$76.28 |
| ACR-20x1-3/8 | 1¾" x 20' ACR Copper | \$94.09 | \$87.73 |
| ACR-20x1-5/8 | 1⅝" x 20' ACR Copper | \$119.64 | \$111.56 |

ACCESS VALVES & FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--------------------------------|-----------------|------------------|
| TT-AVC1 | Access Valve Core Only - 10/pk | \$1.63 | \$1.49 |
| TT-AVX2 | 1/8" Access Valve - 10/pk | \$13.31 | \$10.47 |
| TT-AVX3 | 3/16" Access Valve -10/pk | \$14.38 | \$10.84 |
| TT-AVX4 | ¼" Access Valve - 10/pk | \$14.94 | \$11.03 |
| TT-AVX6 | 3/8" Access Valve - 10/pk | \$17.76 | \$11.95 |
| TT-QC4 | Access Valve Cap -10/pk | \$5.05 | \$4.40 |

IGNITORS

Honeywell

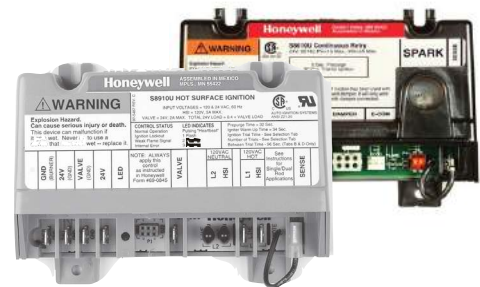
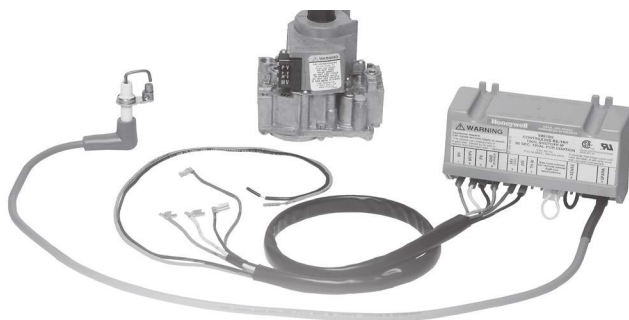
| Part # | Description | In Season Price | Pre-Season Price |
|------------|------------------------------------|-----------------|------------------|
| Q3200U1004 | Honeywell Glowfly Ignitor | \$28.74 | \$25.14 |
| Q3200U2002 | Honeywell Glowfly Ignitor - 6 Pack | \$163.11 | \$144.60 |
| Y8427U9045 | Universal Honeywell Kit | \$398.15 | \$381.66 |



| Part # | Description | In Season Price | Pre-Season Price |
|---------|--|-----------------|------------------|
| IGN-001 | TrueStart Hot Surface Igniter, Universal, Silicon Carbide | \$22.09 | \$20.15 |
| IGN-1F | TrueStart Hot Surface Igniter, Universal, Flat, Silicon Nitride | \$35.98 | \$32.84 |
| IGN-1R | TrueStart Hot Surface Igniter, Universal, Round, Silicon Nitride | \$31.10 | \$28.38 |
| IGN-2 | Wolverine Hot Surface Igniter by TrueStart, Universal Silicone Nitride | \$30.60 | \$25.60 |
| IGN-401 | TrueStart Hot Surface Igniter, Silicone Carbide Direct Replacement | \$22.09 | \$20.15 |
| IGN-402 | TrueStart Hot Surface Igniter, Silicone Carbide Direct Replacement | \$22.09 | \$20.15 |
| IGN-403 | TrueStart Hot Surface Igniter, Silicone Carbide Direct Replacement | \$22.09 | \$20.15 |
| IGN-409 | TrueStart Hot Surface Igniter, Silicone Carbide Direct Replacement | \$22.09 | \$20.15 |

IGNITION MODULES

| Part # | Description | In Season Price | Pre-Season Price |
|------------|---|-----------------|------------------|
| S8610U3009 | Universal Intermittent Pilot Ignition Control | \$111.96 | \$99.88 |
| S8910U1000 | Universal Hot Surface Ignition Module | \$118.64 | \$103.27 |
| S9200U1000 | Universal Integrated Control Board | \$106.79 | \$92.78 |
| Y8610U6006 | Universal IP Retro-Fit Ignition System | \$254.61 | \$222.96 |
| 50M56U-843 | Single Stage HSI Integrated Furnace Control Kit | \$117.23 | \$111.12 |



Honeywell

GAS VALVES

Honeywell

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|--|-----------------|------------------|
| VR8200A2744 | Universal Standard Gas Valve ½" Outlet | \$81.72 | \$72.77 |
| VR8300A4516 | Universal Standard Gas Valve ¾" Outlet | \$107.52 | \$99.10 |
| VR8345M4302 | Intermittent Pilot Gas Valve ¾" Outlet | \$104.30 | \$95.86 |
| SV9501M2528 | Smart Valve | \$196.10 | \$176.13 |
| Q3400A1024 | Pilot Assembly | \$57.14 | \$50.66 |

Robertshaw

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--|-----------------|------------------|
| 720-400 | 24v Dual Valve ½ x ¾ w/ LP Kit | \$73.97 | \$56.71 |
| 720-402 | 24v Dual Valve ½ x ¾ w/ LP Kit w/ ½ side tap | \$77.34 | \$72.17 |
| 720-406 | 24v Dual Valve ¾ x ¾ w/ LP Kit | \$88.44 | \$82.52 |
| 720-079 | Universal Electronic Ignition HSI, ½ x ¾ w/ LP | \$102.10 | \$95.72 |
| 700-400 | 24v Combo Gas Valve ½ x ¾ | \$83.36 | \$68.20 |
| 700-402 | 24v Combo Gas Valve ½ x ¾ 700-400 w/ side tap | \$96.37 | \$85.98 |
| 720-474 | 24v Step Opening ½ x ½ | \$135.01 | \$125.86 |
| 700-504 | Millivolt Combo Valve | \$136.66 | \$108.60 |
| 710-205 | Hydraulic Action Valve | \$151.96 | \$135.91 |

THERMOCOUPLES & PILOTS



| Part # | Description | In Season Price | Pre-Season Price |
|-----------|------------------|-----------------|------------------|
| P671-4242 | 24" Thermocouple | \$6.13 | \$5.95 |
| P671-4302 | 30" Thermocouple | \$6.13 | \$5.61 |
| P671-4362 | 36" Thermocouple | \$6.76 | \$6.46 |
| P671-4482 | 48" Thermocouple | \$7.21 | \$5.39 |

Honeywell

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|---|-----------------|------------------|
| Q340A1074 | 24" Thermocouple | \$7.57 | \$6.21 |
| Q340A1082 | 30" Thermocouple | \$7.56 | \$6.79 |
| Q340A1090 | 36" Thermocouple | \$8.65 | \$6.85 |
| Q313A1170 | 750 Millivolt Thermopile 35" Leads w/ PG9 Adapter | \$44.24 | \$39.39 |

THERMOCOUPLES & PILOTS



| Part # | Description | In Season Price | Pre-Season Price |
|------------|---|-----------------|------------------|
| K19AT-24H | Super Slim Jim Thermocouple - 24" | \$9.68 | \$9.42 |
| K19AT-30H | Super Slim Jim Thermocouple - 30" | \$9.78 | \$9.51 |
| K19AT-36H | Super Slim Jim Thermocouple - 36" | \$10.16 | \$9.87 |
| J999MHA-2H | Universal Standing Pilot Burner L Channel | \$21.08 | \$19.57 |
| J999MKA-2H | Universal Standing Pilot Burner Shell Style | \$20.00 | \$18.61 |
| J999MYA-2H | Universal Standing Pilot Burner Y Channel | \$20.63 | \$19.15 |

FANS & LIMITS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|----------------------------|-----------------|------------------|
| L4064B2228 | 5" Insertion | \$77.89 | \$67.72 |
| L4064W1080 | 5" Insertion w/heat assist | \$123.40 | \$105.90 |
| L4064W1098 | 8" Insertion w/heat assist | \$116.29 | \$103.96 |

CO2 DETECTORS



| Part # | Description | In Season Price | Pre-Season Price |
|----------------|----------------------------------|-----------------|------------------|
| KID-KN-COB-DP2 | Carbon Monoxide Plug-In Detector | \$25.05 | \$20.57 |

GAS CONNECTORS & BALL VALVES

| Part # | Description | In Season Price | Pre-Season Price |
|---------------------|----------------------------------|-----------------|------------------|
| 30-3132-12 | Gas Connector - 12" | \$6.71 | \$6.24 |
| 30-3132-18 | Gas Connector - 18" | \$8.17 | \$7.59 |
| 30-3132-24 | Gas Connector - 24" | \$9.37 | \$8.70 |
| 30-3132-36 | Gas Connector - 36" | \$10.71 | \$9.93 |
| TP-GC-1212FF-V | ½" Gas Ball Valve | \$6.38 | \$5.43 |
| TP-GC-3434FF-V | ¾" Gas Ball Valve | \$9.85 | \$8.38 |
| MX-325-3L 1/2 2 LBS | W-12A09 Limiter ½" Gas Regulator | \$23.78 | \$22.75 |
| 325-3 1/2 10 LBS | Regulator ½" w/Limiter | \$37.83 | \$35.13 |

BLACK PIPE & FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|------------------------------------|-----------------|------------------|
| BPN-A12 | ½ Nipple Tote Pack | \$75.78 | \$68.20 |
| BPN-1 | ½ Close Nipple - 25/ctn | \$0.70 | \$0.62 |
| BPN-2 | ½ x 1½" Black Nipple - 25/ctn | \$0.70 | \$0.62 |
| BPN-3 | ½ x 2" Black Nipple - 25/ctn | \$0.70 | \$0.62 |
| BPN-4 | ½ x 2½" Black Nipple - 25/ctn | \$0.83 | \$0.75 |
| BPN-5 | ½ x 3" Black Nipple - 25/ctn | \$0.83 | \$0.75 |
| BPN-6 | ½ x 3½" Black Nipple - 25/ctn | \$0.99 | \$0.89 |
| BPN-7 | ½ x 4" Black Nipple - 25/ctn | \$0.99 | \$0.89 |
| BPN-8 | ½ x 4½" Black Nipple - 25/ctn | \$1.15 | \$1.04 |
| BPN-9 | ½ x 5" Black Nipple - 25/ctn | \$1.15 | \$1.04 |
| BPN-10 | ½ x 5½" Black Nipple - 25/ctn | \$1.30 | \$1.17 |
| BPN-11 | ½ x 6" Black Nipple - 25/ctn | \$2.31 | \$2.07 |
| BPN-13 | ½ x 8" Black Nipple - 25/ctn | \$3.29 | \$2.96 |
| BPN-17 | ½ x 12" Black Nipple - 25/ctn | \$3.18 | \$2.86 |
| BPN-52 | ½ x 18" Black Nipple - 5/ctn | \$5.12 | \$4.61 |
| BPN-53 | ½ x 24" Black Nipple - 5/ctn | \$6.68 | \$6.02 |
| BPN-54 | ½ x 36" Black Nipple - 5/ctn | \$9.23 | \$8.31 |
| BPF-04 | ½ 45 Degree Elbow - 50/ctn | \$1.47 | \$1.33 |
| BPF-01 | ½ 90 Degree Elbow - 50/ctn | \$0.91 | \$0.82 |
| BPF-13 | ½ 90 Degree Street Elbow - 60/ctn | \$1.87 | \$1.69 |
| BPF-07 | ½ Black Coupling - 60/ctn | \$1.23 | \$1.11 |
| BPF-25 | ½ Black Cap - 75/ctn | \$0.91 | \$0.82 |
| BPF-16 | ½ Black Tee - 40/ctn | \$1.17 | \$1.05 |
| BPF-31 | ½ Black Union - 25/ctn | \$3.96 | \$3.57 |
| BPF-28 | ½ Black Plug - 25/ctn | \$0.83 | \$0.75 |
| 521-363 | 1¼ x ½" Reducing Coupling - 25/ctn | \$3.18 | \$2.70 |
| BPF-11 | 1 x ½" Reducing Coupling - 30/ctn | \$2.24 | \$2.01 |
| BPF-12 | 1 x ¾" Reducing Coupling - 30/ctn | \$2.24 | \$2.01 |
| BPF-10 | ¾ x ½" Reducing Coupling - 60/ctn | \$1.43 | \$1.29 |
| BPN-18 | ¾ x Close Nipple - 25/ctn | \$0.79 | \$0.72 |
| BPN-19 | ¾ X 1½" Black Nipple - 25/ctn | \$0.85 | \$0.77 |
| BPN-20 | ¾ X 2" Black Nipple - 25/ctn | \$0.85 | \$0.77 |
| BPN-21 | ¾ X 2½" Black Nipple - 25/ctn | \$0.97 | \$0.87 |
| BPN-22 | ¾ X 3" Black Nipple - 25/ctn | \$0.97 | \$0.87 |
| BPN-23 | ¾ X 3½" Black Nipple - 25/ctn | \$1.19 | \$1.08 |
| BPN-25 | ¾ X 4½" Black Nipple - 25/ctn | \$1.49 | \$1.35 |
| BPN-26 | ¾ X 5" Black Nipple - 25/ctn | \$1.49 | \$1.35 |
| BPN-27 | ¾ X 5½" Black Nipple - 25/ctn | \$1.70 | \$1.52 |

BLACK PIPE & FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|-----------------------------------|-----------------|------------------|
| BPN-28 | ¾ x 6" Black Nipple - 25/ctn | \$1.70 | \$1.52 |
| BPN-34 | ¾ x 12" Black Nipple - 25/ctn | \$3.64 | \$3.29 |
| 584-240HC | ¾ x 24" Black Nipple - 5/ctn | \$8.25 | \$7.43 |
| BPF-05 | ¾" 45 Degree Elbow - 40/ctn | \$1.79 | \$1.62 |
| BPF-02 | ¾ 90 Degree Elbow - 35/ctn | \$1.10 | \$0.99 |
| BPF-14 | ¾ 90 Degree Street Elbow - 35/ctn | \$1.83 | \$1.66 |
| BPF-08 | ¾ Black Coupling - 50/ctn | \$1.43 | \$1.29 |
| BPF-26 | ¾ Black Cap - 40/ctn | \$1.23 | \$1.11 |
| BPF-32 | ¾ Black Union - 20/ctn | \$4.72 | \$4.26 |
| BPF-29 | ¾ Black Plug - 15/ctn | \$0.83 | \$0.75 |

ICM CONTROL BOARDS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|---|-----------------|------------------|
| ICM271 | Fan blower control - OEM replacement including RobertShaw 695-100 | \$47.37 | \$43.72 |
| ICM275 | Fan blower control - OEM replacement including RobertShaw 695-101 | \$48.61 | \$44.96 |
| ICM280 | Furnace Control - OEM replacement including Goodman B18099-xx series board | \$70.93 | \$65.64 |
| ICM281 | Furnace Control - OEM replacement | \$78.75 | \$73.12 |
| ICM282 | Furnace Control - OEM replacement | \$150.55 | \$117.21 |
| ICM287 | Furnace Control - OEM replacement for Goodman B18099-04 | \$82.58 | \$77.28 |
| ICM289 | Furnace Control - OEM replacement for Lennox BCC1, BCC2 and BCC3 | \$103.74 | \$96.33 |
| ICM290 | IPI Gas Ignition Control replacement for popular models including Honeywell S8610U | \$122.07 | \$85.97 |
| ICM291 | Furnace Control | \$119.42 | \$110.95 |
| ICM292 | Furnace Control - OEM replacement for Rheem 62-24140-04 | \$104.80 | \$97.39 |
| ICM2805A | Furnace Control - OEM replacement for Nordyne 903106 - kit control boards for use with G3, G4, G5,G6, M2 & M3 furnace modules | \$82.62 | \$77.18 |
| ICM326H | Head Pressure/Fan Cycle Control | \$90.14 | \$87.79 |



INDOOR AIR QUALITY



TOPTECH HUMIDIFIERS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|--|-----------------|------------------|
| TT-HUM-225 | 12GPD Bypass | \$125.34 | \$115.86 |
| TT-HUM-265 | 17GPD Bypass | \$143.24 | \$127.45 |
| TT-HUM-365 | 18GPD Bypass Fan Powered | \$239.08 | \$223.28 |
| P110-1045 | Exact Replacement for #10 Pad - 10/ctn | \$4.37 | \$4.06 |
| P110-3545 | Exact Replacement for #35 Pad - 10/ctn | \$5.63 | \$5.20 |

UV LIGHT

| Part # | Description | In Season Price | Pre-Season Price |
|------------|-----------------------------|-----------------|------------------|
| TT-UV24-14 | 24v UV-C with Filter Shield | \$106.98 | \$102.79 |
| TT-UVB14 | 14" Replacement Bulb | \$49.59 | \$47.75 |



AIRKNIGHT AIR PURIFIER

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|---|-----------------|------------------|
| TT-AK24IPG-14 | 24v 14" Length Ionized Particulate Gathering | \$473.80 | \$448.05 |
| TT-AK245-V2 | 24v 5" Length P.H.I. Air Purification Unit Generation 2 | \$391.40 | \$370.80 |
| TT-AK249-V2 | 24v 9" Length P.H.I. Air Purification Unit Generation 2 | \$391.40 | \$370.80 |
| RGF-PIP-16-GA | Plug-in Plus Air Knight | \$296.29 | \$273.87 |
| TT-AKPTAC | PTAC Air Knight | \$206.00 | \$200.85 |
| TT-AKCELL-9 | Replacement Bulb for AK249-V2 and AK249 | \$147.69 | \$141.27 |
| TT-AKCELL-5 | Replacement Bulb for AK245-V2 and AK245 | \$103.01 | \$98.53 |
| TT-IPG-CELL14 | Replacement Bulb for AK24IPG-14 | \$197.68 | \$189.09 |
| RGF-PHIC-9R-GA | Replacement Bulb for AK24R | \$190.40 | \$175.52 |



TOTALINE WATER PANELS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|--|-----------------|------------------|
| P110-1045 | Exact Replacement for #10 Pad - 10/ctn | \$4.37 | \$4.06 |
| P110-1245 | Exact Replacement for #12 Pad - 10/ctn | \$9.16 | \$8.54 |
| P110-3545 | Exact Replacement for #35 Pad - 10/ctn | \$5.63 | \$5.20 |

INDOOR AIR QUALITY



HONEYWELL TRUESTEAM HUMIDIFIERS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|--|-----------------|------------------|
| HM609A1000 | TrueSteam 9 GPD Humidification System W/Manual Humidistat | \$718.73 | \$687.48 |
| HM612A1000 | TrueSteam 12 GPD Humidification System W/Manual Humidistat | \$748.58 | \$716.83 |
| 50028044-001 | In-Line Water Filter | \$39.69 | \$35.63 |
| 50024917-001 | 10' Remote-Mount kit | \$108.32 | \$95.57 |
| 50024917-002 | 20' Remote-Mount kit | \$137.65 | \$123.26 |
| 50045947-001 | RO Filter System with Storage Tank | \$179.08 | \$155.24 |

HONEYWELL HUMIDIFIERS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|---|-----------------|------------------|
| HE100A1000 | TrueEase Small By-Pass 12 Gallons Per Day | \$149.97 | \$131.03 |
| HE150A1005 | TrueEase Small By-Pass 30% Water Savings 12 Gallons Per Day | \$214.70 | \$187.43 |
| HE200A1000 | TrueEase Large By-Pass 17 Gallons Per Day | \$164.51 | \$143.40 |
| HE250A1005 | TrueEase Large By-Pass 30% Water Savings 17 Gallons Per Day | \$228.71 | \$200.28 |
| HE300A1005 | TrueEase Large Fan Powered 18 Gallons Per Day | \$287.08 | \$251.27 |
| DR90A2000 | True Dry Dehumidifier w/o Control | \$1,369.01 | \$1,266.28 |

HONEYWELL WATER PANELS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|---|-----------------|------------------|
| HC26A1008 | Water Panel For TopTech & Honeywell Small By-Pass | \$8.61 | \$6.75 |
| HC22A1007 | Water Panel For TopTech & Honeywell Large By-Pass & Power | \$6.50 | \$4.79 |

HONEYWELL AIR FILTRATION

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|--|-----------------|------------------|
| F300A1625 | Whole-House Electronic Air Cleaner 16 X 25 Without/Post-Filter | \$524.21 | \$455.23 |
| F300A2025 | Whole-House Electronic Air Cleaner 20 X 25 Without/Post-Filter | \$591.16 | \$513.37 |
| F100F2002 | Whole-House Media Air Cleaner 16 X 25 | \$95.39 | \$84.72 |
| F100F2010 | Whole-House Media Air Cleaner 20 X 25 | \$95.39 | \$84.72 |

HONEYWELL REPLACEMENT FILTERS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|--|-----------------|------------------|
| FC100A1029 | 16" X 25" Media Filter Replacement - 5/ctn | \$21.80 | \$19.43 |
| FC100A1011 | 20" X 20" Media Filter Replacement - 5/ctn | \$21.80 | \$19.43 |
| FC100A1037 | 20" X 25" Media Filter Replacement - 5/ctn | \$21.50 | \$19.19 |

INDOOR AIR QUALITY



FILTRATION & HUMIDIFICATION

| Part # | Description | In Season Price | Pre-Season Price |
|---------|-------------------------------------|-----------------|------------------|
| AA-1210 | 2210-High Efficiency Air Cleaner | \$90.48 | \$84.45 |
| AA-1410 | 2410-High Efficiency AC Low Profile | \$90.48 | \$84.45 |
| AA-5000 | Central Electronic Air Cleaner | \$557.09 | \$520.38 |
| AA-500M | Bypass Humidifier Economy Unit | \$132.75 | \$124.00 |
| AA-600M | Bypass Humidifier Manual Unit | \$145.10 | \$135.55 |
| AA-600 | Bypass Humidifier Automatic Unit | \$179.41 | \$168.20 |
| AA-700A | Powered Humidifier Automatic Unit | \$270.17 | \$252.36 |
| AA-800 | Steam Humidifier | \$758.22 | \$708.25 |
| AA-1830 | Whole House Dehumidifier 65 Pint | \$1036.00 | \$995.00 |

APRILAIRE HUMIDIFIER PADS, PARTS, & ACCESSORIES

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--------------------------------------|-----------------|------------------|
| AA-10 | #10 110, 220, 550 - 10/ctn | \$5.53 | \$5.16 |
| AA-12 | #12 112, 224, 225, 440, 445 - 10/ctn | \$10.66 | \$9.95 |
| AA-35 | #35 350, 360, 560, 600, 760 - 10/ctn | \$7.86 | \$7.34 |
| AA-80 | Canister for Model 800 | \$55.82 | \$52.15 |
| AA-50 | #50 Current Sensing Relay 24v | \$25.92 | \$24.21 |
| 51 | #51 Current Sensing Relay 115v | \$32.86 | \$30.69 |
| AA-4223 | Spud Model 550/560 -6/pk | \$2.23 | \$2.08 |
| AA-4231 | Yellow Orifice -12/pk only | \$1.57 | \$1.47 |
| AA-4232 | Blue Orifice - 12/pk only | \$1.57 | \$1.47 |
| AA-4040 | Solenoid Valve 24v | \$45.36 | \$42.37 |

APRILAIRE FILTER REPLACEMENTS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|------------------------------------|-----------------|------------------|
| AA-201 | Replacement Media for 2200 -10/ctn | \$23.85 | \$22.27 |
| AA-401 | Replacement Media for 2400 -10/ctn | \$23.12 | \$21.59 |
| AA-501 | Replacement Media for 5000- 10/ctn | \$32.55 | \$30.40 |
| AA-210 | Replacement Media for 2210 - 8/ctn | \$32.09 | \$29.97 |
| AA-213 | Replacement Media for 4200 - 8/ctn | \$35.85 | \$33.49 |
| AA-410 | Replacement Media for 2410 - 8/ctn | \$29.56 | \$27.62 |
| AA-413 | Replacement Media for 4400 - 8/ctn | \$32.77 | \$30.61 |

INDOOR AIR QUALITY



GENERAL FILTER PRODUCTS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--|-----------------|------------------|
| 1042LH | Power Humidifier 24v Solenoid, 6" By-Pass w/Humidistat | \$133.14 | \$124.13 |
| 1099LHS | Power Humidifier 24v Solenoid, 7" By-Pass w/Humidistat | \$156.16 | \$146.91 |
| 990-13 | Evaporator Pad for 1040/1042 - 6/ctn | \$10.56 | \$9.80 |
| 1099-20 | Evaporator Pad for 1099 - 6/ctn | \$13.29 | \$12.34 |
| 12758 | ACI Multi-Media Filter - 6/ctn | \$25.06 | \$23.34 |
| 990-53 | Solenoid Valve - 24v | \$40.39 | \$37.47 |



EZ-FLEX FILTER PRODUCTS

| Part # | Description | In Season Price | Pre-Season Price |
|--------------|---|-----------------|------------------|
| EXPXXFIL0016 | Filter Media 16 x 25 - 10/ctn | \$27.30 | \$24.27 |
| EXPXXFIL0020 | Filter Media 20 x 25 - 10/ctn | \$27.30 | \$24.27 |
| EXPXXFIL0024 | Filter Media 24 x 25 - 10/ctn | \$28.31 | \$25.28 |
| EXPXXUNV0016 | Filter Media 16 x 25 w/End Panels - 9/ctn | \$34.38 | \$30.33 |
| EXPXXUNV0020 | Filter Media 20 x 25 w/End Panels - 9/ctn | \$35.39 | \$31.35 |
| EXPXXUNV0024 | Filter Media 24 x 25 w/End Panels - 9/ctn | \$38.61 | \$34.49 |



TRION AIRBEAR

| Part # | Description | In Season Price | Pre-Season Price |
|------------|---|-----------------|------------------|
| 455602-025 | Pro MAC 20x25x5 2000 CFM | \$94.53 | \$72.48 |
| 455602-425 | Air Bear Cub | \$79.64 | \$71.07 |
| 259112-102 | Air Bear 20x25x5 Media Filter Merv 11 - 3/ctn | \$17.96 | \$16.91 |
| 255649-101 | Air Bear 16x25x3 Media Filter Merv 8 - 6/ctn | \$11.07 | \$10.43 |
| 255649-102 | Air Bear 20x25x5 Media Filter Merv 8 - 3/ctn | \$14.41 | \$13.56 |
| 447380-010 | Air Bear Right Angle Merv 8 | \$137.32 | \$118.59 |

AIR FILTERS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|--|-----------------|------------------|
| 14X20X1PL40 | 14 x 20 x 1 - 12/case | \$3.70 | \$3.34 |
| 14X25X1PL40 | 14 x 25 x 1 - 12/case | \$3.21 | \$2.90 |
| 16X20X1PL40 | 16 x 20 x 1 - 12/case | \$3.46 | \$3.12 |
| 16X25X1PL40 | 16 x 25 x 1 - 12/case | \$3.18 | \$2.86 |
| 20X20X1PL40 | 20 x 20 x 1 - 12/case | \$2.74 | \$2.48 |
| 20X25X1PL40 | 20 x 25 x 1 - 12/case | \$3.30 | \$2.98 |
| 14X25X2PL40 | 14 x 25 x 2 - 12/case | \$4.23 | \$3.82 |
| 16X20X2PL40 | 16 x 20 x 2 - 12/case | \$3.02 | \$2.73 |
| 16X25X2PL40 | 16 x 25 x 2 - 12/case | \$2.96 | \$2.67 |
| 20X20X2PL40 | 20 x 20 x 2 - 12/case | \$3.21 | \$2.90 |
| 20X24X2PL40 | 20 x 24 x 2 - 12/case | \$3.62 | \$3.27 |
| 20X25X2PL40 | 20 x 25 x 2 - 12/case | \$3.78 | \$3.42 |
| 24X24X2PL40 | 24 x 24 x 2 - 12/case | \$3.97 | \$3.58 |
| 16X25X4PL40 | 16 x 25 x 4 - 6/case | \$5.89 | \$5.33 |
| 20X25X4PL40 | 20 x 25 x 4 - 6/case | \$6.81 | \$6.15 |
| 10X30X1PSF | 10 x 30 x 1 POLY FILTER - 12/case | \$1.97 | \$1.79 |
| 12X30X1PSF | 12 x 30 x 1 POLY FILTER - 12/case | \$2.24 | \$2.03 |
| 14X20X1PSF | 14 x 20 x 1 POLY FILTER - 12/case | \$1.51 | \$1.37 |
| 14X24X1PSF | 14 x 24 x 1 POLY FILTER - 12/case | \$1.67 | \$1.51 |
| 14X25X1PSF | 14 x 25 x 1 POLY FILTER - 12/case | \$1.52 | \$1.37 |
| 14X30X1PSF | 14 x 30 x 1 POLY FILTER - 12/case | \$2.24 | \$2.03 |
| 16X20X1PSF | 16 x 20 x 1 POLY FILTER - 12/case | \$1.53 | \$1.37 |
| 16X25X1PSF | 16 x 25 x 1 POLY FILTER - 12/case | \$1.61 | \$1.45 |
| 16X30X1PSF | 16 x 30 x 1 POLY FILTER - 12/case | \$1.72 | \$1.56 |
| 20X20X1PSF | 20 x 20 x 1 POLY FILTER - 12/case | \$1.59 | \$1.44 |
| 20X25X1PSF | 20 x 25 x 1 POLY FILTER - 12/case | \$1.72 | \$1.56 |
| 20X30X1PSF | 20 x 30 x 1 POLY FILTER - 12/case | \$2.47 | \$2.23 |
| 24X24X1PSF | 24 x 24 x 1 POLY FILTER - 12/case | \$2.08 | \$1.88 |
| 25X25X1PSF | 25 x 25 x 1 POLY FILTER - 12/case | \$2.09 | \$1.88 |
| 16X20X2PSF | 16 x 20 x 2 POLY FILTER - 12/case | \$2.16 | \$1.95 |
| 16X25X2PSF | 16 x 25 x 2 POLY FILTER - 12/case | \$2.36 | \$2.14 |
| 20X20X2PSF | 20 x 20 x 2 POLY FILTER - 12/case | \$2.37 | \$2.15 |
| 20X25X2PSF | 20 x 25 x 2 POLY FILTER - 12/case | \$2.61 | \$2.36 |
| 24X24X2PSF | 24 x 24 x 2 POLY FILTER - 12/case | \$3.13 | \$2.83 |
| FIL-24X28X2 | 23-1/2 X 27-3/4 X 2 EXACT PLEATED - 6/case | \$14.06 | \$13.04 |
| FIL-28X30X2 | 27-3/4 X 29-3/8 X 2 EXACT PLEATED - 6/case | \$14.66 | \$13.60 |
| FIL-30X32X2 | 29-3/8 X 31-3/4 X 2 EXACT PLEATED - 6/case | \$24.95 | \$23.14 |
| FIL-30X36X2 | 29-3/8 X 35-3/4 X 2 EXACT PLEATED - 6/case | \$26.61 | \$24.69 |

TOOLS

**RUGGED, DURABLE
AND BUILT FOR PRESSURE.
IT'S TIME YOU MET
YOUR TWIN.**



**+ Introducing the hilmer 4-Valve Aluminum Manifold.
Try it out. Then tell us what you think.**

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|-----------------------------------|-----------------|------------------|
| HIL-1839104 | Electronic Gauge w/Vacuum Sensor | \$507.25 | \$489.52 |
| HIL-1839106 | Dual Readout Thermometer & Clamps | \$123.49 | \$119.23 |
| HIL-1839108 | Thermocouple Clamps | \$36.11 | \$34.86 |
| HIL-1839110 | 4V Manifold & Hoses R410A DROT | \$388.02 | \$374.63 |
| HIL-1839114 | 2V Basic Manifold R410A Hoses | \$107.24 | \$103.54 |
| HIL-1839117 | 4V Manifold R12-22-502 | \$130.44 | \$125.88 |
| HIL-1839134 | 2V Manifold R22-404-R410A | \$104.59 | \$96.43 |
| HIL-1839143 | Hose 60" - Ball Valve Set of 4 | \$129.99 | \$125.51 |
| HIL-1839148 | Low Loss Ball Valve - Set of 3 | \$61.75 | \$59.62 |
| HIL-1839150 | Hose 60" - RED | \$16.25 | \$15.70 |
| HIL-1839151 | Hose 60" - BLUE | \$16.25 | \$15.70 |
| HIL-1839152 | Hose 60" - YELLOW | \$16.25 | \$15.70 |
| HIL-1839153 | Hose 60" - Set of 3 | \$48.75 | \$47.07 |
| HIL-1839154 | Hose 60" - 3/8" Vacuum | \$26.00 | \$25.11 |
| HIL-1839158 | Hose 36" - Set of 3 | \$41.09 | \$39.65 |



TOOLS

| Part # | Description | In Season Price | Pre-Season Price |
|-------------|--|-----------------|------------------|
| HIL-1838947 | Quick Engage Flare & Swage Kit | \$137.21 | \$132.48 |
| HIL-1838952 | Orbital Flare 3/16" to 3/4" | \$116.99 | \$112.95 |
| HIL-1839008 | Punch Swage Set 5 Piece 1/4" to 5/8" | \$32.06 | \$30.96 |
| HIL-1839009 | Multi-Swag Punch 1/4" to 5/8" | \$10.41 | \$10.04 |
| HIL-1839015 | Compact Swage 3/8" to 1 1/8" | \$368.30 | \$355.59 |
| HIL-1839026 | Tri-Tube Bender 1/4", 5/16", 3/8" | \$30.44 | \$29.38 |
| HIL-1839027 | Tri-Tube Bender 1/4", 3/8", 1/2" | \$43.49 | \$41.96 |
| HIL-1839028 | Lever Bender 5/8" | \$121.74 | \$117.49 |
| HIL-1839029 | Lever Bender 3/4" | \$152.18 | \$146.86 |
| HIL-1839031 | Spring Bender 1/4" to 5/8" 4/pack | \$17.33 | \$16.74 |
| HIL-1839032 | Compact Bender Kit 1/4" to 7/8" | \$164.66 | \$158.97 |
| HIL-1839042 | Service Wrench 1/4" x 3/16", 3/8" x 5/16" | \$7.15 | \$6.91 |
| HIL-1839043 | Offset Wrench 1/4" x 3/16", 3/8" x 5/16" | \$7.15 | \$6.91 |
| HIL-1839045 | Service Wrench 1/2" x 9/16", 3/16" x 1/4" | \$8.46 | \$8.16 |
| HIL-1839046 | Service Hex Key Adapter | \$2.60 | \$2.51 |
| HIL-1839053 | HVAC Multi-Tool 9-in-1 | \$10.10 | \$9.75 |
| HIL-1839054 | Quick Change Magnetic Nut Drive 1/4", 5/16" | \$16.45 | \$15.89 |
| HIL-1839057 | Magnetic Nut Driver 2 Piece Set w/1 1/2" Shaft | \$13.87 | \$13.39 |
| HIL-1839059 | Magnetic Nut Driver 1/4" w/3" Shaft | \$7.15 | \$6.91 |
| HIL-1839060 | Magnetic Nut Driver 5/16" w/3" Shaft | \$7.15 | \$6.91 |
| HIL-1839065 | Magnetic Nut Driver 7 Piece Set w/3" Shaft | \$53.28 | \$49.29 |
| HIL-1839066 | Magnetic Nut Driver 2 Piece Set w/3" Shaft | \$14.30 | \$13.82 |
| HIL-1839068 | Magnetic Nut Driver 1/4" w/6" Shaft | \$9.14 | \$8.82 |
| HIL-1839069 | Magnetic Nut Driver 5/16" w/6" Shaft | \$9.14 | \$8.82 |
| HIL-1839074 | Magnetic Nut Driver 2 Piece Set w/6" Shaft | \$17.76 | \$17.14 |
| HIL-1839076 | Magnetic Nut Driver 1/4" w/18" Shaft | \$18.27 | \$17.63 |
| HIL-1839077 | Magnetic Nut Driver 5/16" w/18" Shaft | \$18.27 | \$17.63 |
| HIL-1839078 | HVAC/R Tote | \$48.87 | \$47.16 |
| HIL-1839080 | Backpack Tool Bag | \$68.48 | \$66.09 |
| HIL-1839082 | Analog Gauge 80 mm R410 LOW | \$19.51 | \$18.83 |
| HIL-1839083 | Analog Gauge 80 mm R410 HIGH | \$19.51 | \$18.83 |
| HIL-1839086 | Analog Gauge 80 mm R-12-22-134A LOW | \$19.51 | \$18.83 |
| HIL-1839087 | Analog Gauge 80 mm R-12-22-134A HIGH | \$19.51 | \$18.83 |
| HIL-1839092 | Analog Gauge 80 mm R-22-404A-410A LOW | \$19.51 | \$18.83 |
| HIL-1839093 | Analog Gauge 80 mm R-22-404A-410A HIGH | \$19.51 | \$18.83 |

TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|----------|--|-----------------|------------------|
| TT-LD | Refrigerant Leak Detector - Heated Diode | \$209.55 | \$208.71 |
| TT-LDS | Replacement Sensor | \$45.00 | \$40.00 |
| TP-SCALE | Refrigerant Charging Scale - Handheld Display w/ 6' Cord | \$161.65 | \$154.08 |
| TP-V5 | Vacuum Pump 5.5 CFM 2-Stage, ½ HP, 110-115v/60 Hz | \$279.23 | \$269.08 |
| TP-100 | Oxy/Acetylene Welding Kit | \$196.63 | \$184.74 |
| TP-2VM5H | R-22/R-410A/R-404A 2½" Gauge Set, 5' Hoses & Protective Covers | \$60.21 | \$52.04 |
| TP-5HB | 5' Hose Blue | \$14.46 | \$12.96 |
| TP-5HR | 5' Hose Red | \$14.46 | \$12.96 |
| TT-5HSET | 5' Hose Set (Blue, Red, Yellow) | \$39.10 | \$37.36 |
| TP-5HY | 5' Hose Yellow | \$14.46 | \$12.96 |
| TP-HSG | 2½" High Side Gauge with Boot R-410A/R-22/R-404A/R-134A | \$13.76 | \$11.68 |
| TP-HSGL | 3⅝" High Side Gauge with Boot R-410A/R-22/R-404A/R-134A | \$18.72 | \$16.69 |
| TP-LSG | 2½" Low Side Gauge with Boot R-410A/R-22/R-404A/R-134A | \$13.76 | \$11.68 |
| TP-LSGL | 3⅝" Low Side Gauge with Boot R-410A/R-22/R-404A/R-134A | \$18.72 | \$16.69 |
| TP-C701 | ⅛" to 1" O.D. Mini Tubing Cutter | \$8.12 | \$7.24 |
| TP-C702 | ⅛" to 1⅝" O.D. Tubing Cutter | \$20.33 | \$17.37 |
| TP-C703 | ⅛" to 1 3/8" O.D. Mini Tubing Cutter | \$19.64 | \$17.12 |
| TP-C704 | ⅛" to 1 3/4" O.D Tubing Cutter | \$34.88 | \$29.82 |
| TP-70022 | Reversible Ratchet Wrench | \$9.59 | \$7.68 |
| TP-70074 | Offset Ratchet Wrench, includes Hex Key | \$12.80 | \$11.29 |
| TP-70078 | PVC Ratchet Cutter | \$17.51 | \$14.97 |
| M2 | 2½" Round Inspection Mirror w/Telescoping Handle | \$4.81 | \$4.47 |
| M3 | 2⅝" x 3½" Rectangular Inspection Mirror w/Telescoping Handle | \$5.76 | \$5.35 |
| EMF-1 | Extendable Magnetic Flashlight | \$15.00 | \$14.15 |



TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|------------|------------------------------------|-----------------|------------------|
| C155KIT | Eagle 2 Combustion Analyzer | \$1,411.99 | \$1,338.65 |
| AK900HC | Refrigeration System Analyzer | \$391.64 | \$365.43 |
| CO71A | Carbon Monoxide Detector w/Case | \$195.85 | \$185.68 |
| CO95 | CO Analyzer | \$474.78 | \$458.32 |
| CD100A | Combustible Gas Leak Detector | \$160.71 | \$150.54 |
| EM151 | Electronic Manometer | \$94.10 | \$89.28 |
| EM201SPKIT | Static Pressure Kit | \$178.50 | \$167.34 |
| DM383B | Digital Multimeter | \$55.16 | \$52.29 |
| DM384 | Digital Autoranging Multimeter | \$90.55 | \$85.91 |
| DM393 | True RMS Digital Multimeter | \$127.22 | \$120.62 |
| ATL55 | Test Lead w/Alligator Clips | \$9.78 | \$9.27 |
| ATL301 | Deluxe Accessories Kit | \$45.84 | \$43.46 |
| ATTPC2 | Pipe Clamp Adapter | \$48.46 | \$45.73 |
| ATT29A | Type K Temperature Probe | \$35.53 | \$20.05 |
| DL389COMBO | Phoenix Pro Plus Clamp Meter | \$178.51 | \$166.56 |
| DL49 | Clamp on Volt | \$108.83 | \$104.17 |
| DL379 | Phoenix Pro Plus Clamp Meter | \$112.03 | \$105.69 |
| DAFM4 | Air Flow Meter | \$ 279.73 | \$261.01 |
| THL2 | Temp/Humidity USD Data Logger | \$80.10 | \$75.94 |
| DRS220 | Digital Refrigerant Scale | \$187.73 | \$175.21 |
| DMG200 | Digital Micron Gauge | \$206.40 | \$211.01 |
| INF165 | Scout 1 Infrared Temp -36.4 - 689F | \$61.45 | \$57.56 |
| DTK2KIT | Dual Input Digital Thermometer | \$173.56 | \$161.95 |
| DT15A | Digital Thermometer w/Probe | \$65.83 | \$62.41 |
| PDT650 | Folding Pocket Thermometer | \$16.36 | \$14.13 |
| PDT550 | Pocket Thermometer | \$16.52 | \$15.14 |



TOOLS

KLEIN TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|---------------|--|-----------------|------------------|
| KLE-32215 | Screwdriver 1/4" Slot, Screw/Holder | \$7.64 | \$7.16 |
| KLE-32216 | Screwdriver #2 Phillips, Screw/Holder | \$7.64 | \$7.16 |
| KLE-32527 | Screwdriver 11-in-1, w/Schrader Valve Core Tool | \$16.51 | \$15.46 |
| KLE-32534 | Screwdriver/Nutdriver 10-Fold, w/Schrader, Valve Bit | \$24.49 | \$22.94 |
| KLE-32557 | Screwdriver/Nutdriver, Heavy Duty Multi-Bit | \$14.47 | \$13.55 |
| KLE-32558 | Screwdriver/Nutdriver, Heavy Duty, Ratcheting, Multi-Bit | \$20.32 | \$19.05 |
| KLE-32561 | Screwdriver/Nutdriver, Stubby, Multi-Bit | \$10.28 | \$9.62 |
| KLE-44130 | Utility Knife | \$15.52 | \$14.55 |
| KLE-44131 | Folding Utility Knife | \$12.21 | \$11.44 |
| KLE-55415-8 | Tradesman Pro Organizer Tote, 20 Pockets | \$59.30 | \$55.54 |
| KLE-55416-10 | Tradesman Pro Organizer Tote, 40 Pockets | \$78.82 | \$73.83 |
| KLE-55419-SP | Tradesman Pro Organizer Shoulder, 16 Pockets | \$44.83 | \$42.00 |
| KLE-55421-BP | Tradesman Pro Organizer Back Pack, 39 Pockets | \$78.82 | \$73.83 |
| KLE-55452RTB | Rolling Tool Bag | \$142.62 | \$133.59 |
| KLE-55453HSB | Tradesman Pro Organizer | \$91.00 | \$85.25 |
| KLE-6024DD | Demolition Driver 4", Cushion Grip, Round | \$13.24 | \$12.41 |
| KLE-6027DD | Demolition Driver 7", Cushion Grip, Round | \$16.98 | \$15.91 |
| KLE-612-4 | Terminal Block Screwdriver | \$6.84 | \$6.41 |
| KLE-86570 | Tensioning Tool | \$23.75 | \$22.24 |
| KLE-86600 | Magnetic Hex Driver, 1/4", 3/pk | \$5.98 | \$5.60 |
| KLE-86601 | Magnetic Hex Driver, 5/16", 3/pk | \$5.98 | \$5.60 |
| KLE-92906 | Apprentice Tool Set, 6 Piece | \$67.86 | \$63.58 |
| KLE-92911 | Apprentice Tool Set, 11 Piece | \$135.73 | \$127.15 |
| KLE-92914 | Apprentice Tool Set, 14 Piece | \$181.89 | \$170.38 |
| KLE-93225 | Magnetic Tape Measure, 25' | \$19.00 | \$17.80 |
| KLE-C2000-9NE | Camo Side Cutting Pliers | \$42.45 | \$39.76 |
| KLE-D509-8 | Wrench, Extra Wide Adjustable | \$30.91 | \$28.95 |
| KLE-DK06 | Duct Knife, 6", w/Sheath | \$13.30 | \$12.47 |
| KLE-J2100L | Offset Snips, Left Cutting | \$22.38 | \$20.98 |
| KLE-J2101R | Offset Snips, Right Cutting | \$22.38 | \$20.98 |
| KLE-J2102S | Offset Snips, Straight Cutting | \$22.38 | \$20.98 |



TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|------------|---|-----------------|------------------|
| 712-202-G1 | D-TEK SELECT - Refrigerant Leak Detector | \$411.35 | \$388.05 |
| 718-202-G1 | GAS-MATE - Combustible Gas Leak Detector | \$194.66 | \$170.37 |
| 705-202-G1 | TEK-MATE - Cordless Refrigerant Leak Detector | \$177.63 | \$167.43 |
| 711-202-G1 | WHISPER - Ultrasonic Leak Detector | \$207.66 | \$195.76 |
| 714-202-G1 | VORTEX - Refrigerant Recovery Machine | \$719.71 | \$678.38 |
| 710-202-G1 | PILOT - Vacuum Gauge | \$213.17 | \$201.10 |
| 713-202-G1 | WEY-TEK - Charging Scale | \$177.78 | \$167.72 |
| 715-202-G1 | CO Meter | \$212.10 | \$199.92 |



| Part # | Description | In Season Price | Pre-Season Price |
|---------------|---|-----------------|------------------|
| VETO-TECH-PAC | Service Technician Back Pack - 56/pockets | \$227.94 | \$217.68 |
| VETO-LC | Service Technician Bag - 54/pockets | \$170.44 | \$163.01 |
| VETO-MB | Hand Tool Bag - 10/pockets | \$51.65 | \$48.20 |
| VETO-OT-LC | Pro Pac - 40/pockets | \$191.69 | \$181.41 |
| VETO-TECH-LC | Service Technician Bag - 61/pockets | \$187.07 | \$176.47 |
| VETO-XL | Service Technician Bag - 80/pockets | \$187.16 | \$176.55 |
| VETO-TP4 | Clip-On Diagnostic Bag - 20/pockets | \$68.15 | \$63.59 |

SHEET METAL TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|--------|------------------------|-----------------|------------------|
| S2-MAL | 3" Hand Seamer | \$49.56 | \$46.73 |
| 12F | 12" Folding Tool | \$14.40 | \$13.59 |
| N1R | Hand Notcher 13/16d | \$49.65 | \$46.30 |
| DS1 | Duct Stretcher | \$25.30 | \$23.86 |
| HC1 | Hole Cutter | \$64.01 | \$60.34 |
| TY4G | Tie Tool Standard Grip | \$41.36 | \$39.53 |
| MC14A | 14" Aluminum Snip | \$39.28 | \$36.87 |



VETO PRO PAC
TOOL BAGS THAT WORK

for additional product information visit
www.vetopropac.com



Veto TECH-PAC \$217.⁶⁸ Preseason

Veto Pro Pac's Tech Pac is Veto's first backpack tool bag designed specifically for professional tradesmen who need to climb ladders or walk long distances on a daily basis.

Part# Veto-Tech-Pac

PRODUCT SPECIFICATIONS:

Width: 9.875"
Length: 14.25"
Height: 21" (18.125" Handle Folded Down)
Weight (empty): 9 lbs.

MAXIMIZED TOOL STORAGE CAPACITY:

Vertical Tool Pockets (inside): 56 inside & various outside
2 Storage Bays - 4 Storage Platforms
Manifold Gauge & Hose Storage Pocket
D-Rings: 4 large and 5 small
Exterior Electrical Tape Loop: 8" Fabric with Clip Closure
Stainless Steel Tape Clip: Yes

OTHER FEATURES:

Adjustable Padded Shoulder Straps
Tablet/All-Purpose Zippered Pocket
Warranty: 5 Years (see Veto warranty terms and conditions)

RUGGED MATERIALS & CONSTRUCTION:

Waterproof Base: 3mm Injection Molded Polypropylene
Waterproof Body Fabric: 1200 PVC Impregnated Denier Nylon
Waterproof Tool Pocket Fabric: 1800 PVC Impregnated Denier Nylon
Quick Release Metal Clasp: Allows Easy Access to Rear Storage Bay
Zippers: Double Stitched, Heavy Duty Plastic Coil Zippers with Oversized Zipper Tabs
Over-Molded Ergonomic Grip
D-Rings: Powder Coated Steel
Rivets: Marine Grade Rivets
Stitching: Industrial Strength Double Nylon Stitching

USE YOUR TOOL BUCK\$ TO FILL IT!

Receive 1% of your order amount in **TOOL BUCK\$**
when you place a Spring PPS order over \$500!

RITCHIE TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|--------|---|-----------------|------------------|
| 19109 | Quick Coupler 1/4" Straight | \$15.68 | \$14.30 |
| 19209 | Quick Coupler 1/4" 90 Degree | \$16.03 | \$14.62 |
| 25980 | Flex Flow Adapter 6", 3 Hose Set 1/4" Ball Valves | \$74.09 | \$69.09 |
| 29985 | Plus II Environmental Charging Hoses w/Compact Ball | \$101.13 | \$93.81 |
| 41215 | Manifold w/3 Color Coded 60" Hoses | \$86.77 | \$84.04 |
| 42004 | Manifold R-22, R-404A, & R-410A 2-Valve | \$105.66 | \$102.34 |
| 49002 | Blue Compound Gauge - R-12, R-22, & R-502 | \$14.87 | \$13.86 |
| 49138 | Manifold Gauge Red, Blue & Black 3 1/8" | \$19.62 | \$18.29 |
| 49973 | Titan 4-Valve Test and Charging Manifold | \$189.14 | \$176.36 |
| 60121 | Mini Cutter 1/4" to 7/8" | \$14.09 | \$13.13 |
| 60142 | Big Mini Tubing Cutter 1/4" to 1 1/8" | \$32.11 | \$29.94 |
| 60331 | Ratchet Hand Bender 1/4" to 7/8" | \$163.32 | \$152.28 |
| 60412 | Tubing Expander/Swager 5/16" to 1 5/8" | \$132.08 | \$123.16 |
| 60609 | Hex Key Adapter 3/16" to 5/16" | \$9.03 | \$8.43 |
| 60613 | Ratchet Wrench | \$10.31 | \$9.61 |
| 60616 | Offset Wrench | \$10.72 | \$10.00 |
| 61150 | Metal Fin Comb & Straightner | \$11.83 | \$11.03 |
| 61158 | Ergonomic FinFix™ Combs | \$12.92 | \$12.05 |
| 69727 | Universal A/C Disposable Injectors | \$19.89 | \$18.55 |
| 78060 | Gas Pressure Test Kit | \$49.06 | \$45.73 |



AAB & FIELD PIECE TOOLS



| Part # | Description | In Season Price | Pre-Season Price |
|---------|-------------------------|-----------------|------------------|
| ABM-100 | Airflow Balancing Meter | \$41.99 | \$39.99 |



| Part # | Description | In Season Price | Pre-Season Price |
|--------|--|-----------------|------------------|
| ACM3 | Carbon Monoxide Detector Accessory | \$179.00 | \$171.21 |
| ADLS2 | Deluxe Silicone Test Leads | \$21.80 | \$20.85 |
| ARH4 | Digital Psychrometer Accessory Head | \$88.09 | \$84.26 |
| ATB1 | K-Thermocouple Bead Type | \$12.33 | \$11.79 |
| ATC1 | K-Thermocouple Pipe Clamp 1 3/8" | \$48.69 | \$46.58 |
| HS36 | Stick Meter w/True RMS & Backlight | \$245.29 | \$234.62 |
| PRH2 | Digital Pocket Psychrometer | \$65.36 | \$62.52 |
| SCM3 | Carbon Monoxide Detector | \$226.34 | \$216.50 |
| SMAN3 | Mincron Vacuum Gauge includes Micron Alarm & Timer | \$411.95 | \$394.03 |
| SMAN4 | 4-Port Wireless Digital Manifold w/Micron Gauge | \$538.85 | \$515.42 |
| SPK1 | Pocketknife Style Thermometer | \$24.63 | \$23.56 |
| SOX2 | Combustion Check Meter | \$235.95 | \$225.69 |





PAYNE FURNACE BUNDLE DEALS

PG8MA 80% GAS FURNACE



Bundle Includes

*Totaline Humidifier - Top Tech Programmable Stat**



Standard Features Include:

- 4-way multipoise furnace
- Electronic control center
- Hot surface ignition
- Compact cabinet
- 20 year warranty on heat exchanger



| Part # | Description | Package # | Bundle Price |
|--------------|-------------------------|-------------|--------------|
| PG8MAA024045 | 2T - 45 BTU - 14" W | 28272963-00 | \$512.99 |
| PG8MAA024070 | 2T - 70 BTU - 14" W | 28278534-00 | \$537.99 |
| PG8MAA036045 | 3T - 45 BTU - 14" W | 28278711-00 | \$537.99 |
| PG8MAA036070 | 3T - 70 BTU - 14" W | 28278731-00 | \$552.99 |
| PG8MAA036110 | 3T - 110 BTU - 17.5" W | 28278759-00 | \$562.99 |
| PG8MAA042090 | 3.5T - 90 BTU - 17.5" W | 28278777-00 | \$562.99 |
| PG8MAA048090 | 4T - 90 BTU - 21" W | 28278794-00 | \$582.99 |
| PG8MAA048110 | 4T - 110 BTU - 21" W | 28278800-00 | \$607.99 |
| PG8MAA066110 | 5T - 110 BTU - 21" W | 28278948-00 | \$642.99 |
| PG8MAA066135 | 5T - 135 BTU - 24.5" W | 28278957-00 | \$702.99 |



***Upgrade to the New Top
Tech Vive WiFi Stat!
Add \$80 to the Bundle
Package!**



PAYNE FURNACE BUNDLE DEALS

PG92SBS 92% GAS FURNACE



Bundle Includes

*Totaline Humidifier - Top Tech Programmable Stat**



COMPLETE COMFORT

Standard Features Include:

- 4-way multipoise furnace
- PSC blower motor
- Hot surface ignition
- LED diagnostics & self test feature
- Stores fault codes during power outa
- 20 year warranty on heat exchanger



| Part # | Description | Package # | Bundle Price |
|---------------|-----------------------|-------------|--------------|
| PG92SCS30040A | 2.5T - 40 BTU - 14" W | 28280534-00 | \$717.99 |
| PG92SCS48080B | 4T - 80 BTU - 17.5" W | 28280564-00 | \$732.99 |
| PG92SCS60080C | 3T - 80 BTU - 21" W | 28280583-00 | \$822.99 |
| PG92SCS48100C | 4T - 100 BTU - 21" W | 28280612-00 | \$907.99 |
| PG92SBS66100C | 5T - 100 BTU - 21" W | 28280641-00 | \$922.99 |



****Upgrade to the New Top Tech Vive WiFi Stat!
Add \$80 to the Bundle Package!***



PAYNE FURNACE BUNDLE DEALS

PG95SAS 95% GAS FURNACE



Bundle Includes

*Totaline Humidifier - Top Tech Programmable Stat**



Standard Features Include:

- 4-way multipoise furnace
- PSC blower motor
- Hot surface ignition
- LED diagnostics & self test feature
- Stores fault codes during power outages
- 20 year warranty on heat exchanger



| Part # | Description | Package # | Bundle Price |
|---------------|-------------------------|-------------|--------------|
| PG95SAS30040A | 2.5T - 40 BTU - 14" W | 28281246-00 | \$802.99 |
| PG95SAS42060B | 3.5T - 60 BTU - 17.5" W | 28281260-00 | \$832.99 |
| PG95SAS48080B | 4T - 80 BTU - 17.5" W | 28281289-00 | \$927.99 |
| PG95SAS42100C | 3.5T - 100BTU - 21" W | 28281277-00 | \$982.99 |
| PG95SAS60100C | 5T - 100 BTU - 21" W | 28281313-00 | \$1002.99 |
| PG95SAS60120D | 5T - 120BTU - 24" W | 28281321-00 | \$1032.99 |



****Upgrade to the New Top Tech Vive WiFi Stat!
Add \$80 to the Bundle Package!***



PAYNE FURNACE BUNDLE DEALS

PG96VAT 96% GAS FURNACE



Bundle Includes

*Totaline Humidifier - Top Tech Programmable Stat**



Standard Features Include:

- 4-way multipoise furnace
- 2-stage variable speed
- Silicon nitride hot surface ignitor
- Self-diagnostics
- Stainless-steel secondary heat exchanger
- 20 year warranty on heat exchanger



| Part # | Description | Package # | Bundle Price |
|---------------|-------------------------|-------------|--------------|
| PG96VAT30040A | 2.5T - 40 BTU - 14" W | 28282627-00 | \$1247.99 |
| PG96VAT42060B | 3.5T - 60 BTU - 17.5" W | 28282639-00 | \$1307.99 |
| PG96VAT48080B | 4T - 80 BTU - 17.5" W | 28282655-00 | \$1362.99 |
| PG96VAT60080C | 5T - 80BTU - 21" W | 28282660-00 | \$1397.99 |
| PG96VAT60100C | 5T - 100 BTU - 21" W | 28282675-00 | \$1372.99 |
| PG96VAT66120D | 5T - 120BTU - 24" W | 28282694-00 | \$1472.99 |



****Upgrade to the New Top Tech Vive WiFi Stat!
Add \$80 to the Bundle Package!***



PAYNE 13 SEER AIR CONDITIONING BUNDLES R410A or DRY R22



***Bundle Includes
Top Tech Non-Programmable Stat - Whip
Non-Fused Disconnect - Pad - Drier***



| Part # | Description | Package # | Bundle Price |
|----------------|-------------|-------------|--------------|
| R410A | | | |
| PA13NA0180NG | 1.5T R410A | 28283913-00 | \$702.00 |
| PA13NA0240NG | 2T R410A | 28283938-00 | \$742.00 |
| PA13NA0300NG | 2.5T R410A | 28284037-00 | \$782.00 |
| PA13NA0360NG | 3T R410A | 28284002-00 | \$882.00 |
| PA13NA0420NG | 3.5T R410A | 28284051-00 | \$997.00 |
| PA13NA0480NG | 4T R410A | 28284075-00 | \$1087.00 |
| PA13NA0600NG | 5T R410A | 28284204-00 | \$1277.00 |
| DRY R22 | | | |
| PA13NR0180NG | 1.5T R22 | 28284544-00 | \$652.00 |
| PA13NR0240NG | 2T R22 | 28284580-00 | \$697.00 |
| PA13NR0300NG | 2.5T R22 | 28284598-00 | \$747.00 |
| PA13NR0360NG | 3T R22 | 28284723-00 | \$832.00 |
| PA13NR0420NG | 3.5T R22 | 28284763-00 | \$927.00 |
| PA13NR0480NG | 4T R22 | 28284783-00 | \$1022.00 |
| PA13NR0600NG | 5T R22 | 28284800-00 | \$1172.00 |



PAYNE 13 SEER HEAT PUMP BUNDLES R410A or DRY R22

Bundle Includes

*Top Tech Non-Programmable Stat - Whip
Non-Fused Disconnect - Heat Pump Pad - Drier*



| Part # | Description | Package # | Bundle Price |
|----------------|-------------|-------------|--------------|
| R410A | | | |
| PH13NB01800G | 1.5T R410A | 28286850-00 | \$874.00 |
| PH13NB02400G | 2T R410A | 28286933-00 | \$899.00 |
| PH13NB03000G | 2.5T R410A | 28286977-00 | \$1004.00 |
| PH13NB03600G | 3T R410A | 28287118-00 | \$1104.00 |
| PH13NB04200G | 3.5T R410A | 28287133-00 | \$1214.00 |
| PH13NB04800G | 4T R410A | 28287152-00 | \$1329.00 |
| PH13NB06000G | 5T R410A | 28287169-00 | \$1554.00 |
| DRY R22 | | | |
| PH13NR01800G | 1.5T R22 | 28287620-00 | \$874.00 |
| PH13NR02400G | 2T R22 | 28287640-00 | \$894.00 |
| PH13NR03000G | 2.5T R22 | 28287781-00 | \$1014.00 |
| PH13NR03600G | 3T R22 | 28287791-00 | \$1129.00 |
| PH13NR04200G | 3.5T R22 | 28287809-00 | \$1234.00 |
| PH13NR04800G | 4T R22 | 28287830-00 | \$1265.00 |
| PH13NR06000G | 5T R22 | 28287855-00 | \$1574.00 |



PAYNE 16 SEER AIR CONDITIONING



Bundle Includes
Top Tech Non-Programmable Stat - Whip
Non-Fused Disconnect - Pad - Drier



Standard Features Include:

- Scroll compressor
- Front-seating service valves
- Internal pressure relief valve
- Internal thermal overload
- Dense wire coil guard
- Baked-on powder paint

| Part # | Description | Package # | Bundle Price |
|--------------|-------------|-------------|--------------|
| PA16NA01800G | 1.5T R410A | 28305782-00 | \$879.00 |
| PA16NA02400G | 2T R410A | 28305825-00 | \$944.00 |
| PA16NA03000G | 2.5T R410A | 28305854-00 | \$1014.00 |
| PA16NA03600G | 3T R410A | 28305973-00 | \$1096.00 |
| PA16NA04200G | 3.5T R410A | 28306031-00 | \$1281.00 |
| PA16NA04800G | 4T R410A | 28306070-00 | \$1270.00 |
| PA16NA06000G | 5T R410A | 28306231-00 | \$1571.00 |

Another innovation in the RectorSeal HVAC-R product line.



NEW!

Mighty Bracket™

Mini-split Installation Support Tool Patent Pending

Mini-split installation is now a single person job!



Clips to the mounting bracket of most mini-split brands in order to hold unit securely in place during installation without damaging walls.



Part # 97705

\$99.⁹⁹



Dealer Prices

DUCTLESS SYSTEMS

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RAS Series

TOSHIBA SERIES

High Wall Single-zone Systems – Up to 23 SEER (Model Dependent) – Toshiba® Series



| TYPE | MODEL | TOS CODE |
|---------|--------------|----------|
| Indoor | All | 4UTP |
| Outdoor | Heat Pumps | 4QM0 |
| Outdoor | Cooling Only | 4SM0 |



Cooling Only – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 20.0 | 13.0 | RAS-09EKCV-UL | RAS-09EACV-UL | \$275 | \$963 | \$1,238 |
| 1 | 12,000 | 208/230-1 | 23.0 | 12.6 | RAS-12EKCV-UL | RAS-12EACV-UL | \$298 | \$874 | \$1,172 |
| 1.25 | 15,000 | 208/230-1 | 20.0 | 13.0 | RAS-15EKCV-UL | RAS-15EACV-UL | \$365 | \$963 | \$1,328 |
| 1.35 | 16,200 | 208/230-1 | 19.0 | 12.6 | RAS-17EKCV-UL | RAS-17EACV-UL | \$385 | \$1,112 | \$1,497 |
| 1.78 | 21,400 | 208/230-1 | 15.5 | 8.3 | RAS-22EKCV-UL | RAS-22EACV-UL | \$421 | \$1,376 | \$1,797 |

Note: Wireless remote control included with indoor unit.

Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 20.0 | 13.0 | 10.0 | RAS-09EKV-UL | RAS-09EAV-UL | \$305 | \$824 | \$1,129 |
| 1 | 12,000 | 208/230-1 | 23.0 | 12.6 | 9.7 | RAS-12EKV-UL | RAS-12EAV-UL | \$331 | \$971 | \$1,302 |
| 1.25 | 15,000 | 208/230-1 | 20.0 | 13.0 | 10.0 | RAS-15EKV-UL | RAS-15EAV-UL | \$405 | \$1,071 | \$1,477 |
| 1.35 | 16,200 | 208/230-1 | 19.0 | 12.6 | 10.0 | RAS-17EKV-UL | RAS-17EAV-UL | \$428 | \$1,236 | \$1,664 |
| 1.78 | 21,400 | 208/230-1 | 15.5 | 8.3 | 10.0 | RAS-22EKV-UL | RAS-22EAV-UL | \$468 | \$1,376 | \$1,844 |

Note: Wireless remote control included with indoor unit.

Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 20.0 | 13.0 | 10.0 | RAS-09EKV-UL | RAS-09EAV2-UL | \$305 | \$963 | \$1,268 |
| 1 | 12,000 | 208/230-1 | 23.0 | 12.6 | 9.7 | RAS-12EKV-UL | RAS-12EAV2-UL | \$331 | \$1,081 | \$1,412 |
| 1.25 | 15,000 | 208/230-1 | 20.0 | 13.0 | 10.0 | RAS-15EKV-UL | RAS-15EAV2-UL | \$405 | \$1,186 | \$1,591 |
| 1.35 | 16,200 | 208/230-1 | 19.0 | 12.6 | 10.0 | RAS-17EKV-UL | RAS-17EAV2-UL | \$428 | \$1,186 | \$1,614 |
| 1.78 | 21,400 | 208/230-1 | 15.5 | 8.3 | 10.0 | RAS-22EKV-UL | RAS-22EAV2-UL | \$468 | \$1,494 | \$1,962 |

Note: Wireless remote control included with indoor unit.

RAS Optional Accessories: TOS 1299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|----------------------|--------------|
| 53DS-900---118 | Condensate Pump (230v) | All RAS Models | \$165 |
| 818F0038 | Wired Control RAS HP - Fahrenheit | RAS Heat Pump | \$39 |
| 818F0039 | Wired Control RAS HP - Celsius | RAS Heat Pump | \$39 |
| 818F0040 | Wired Control RAS AC - Fahrenheit | RAS Cooling Only | \$39 |
| 818F0041 | Wired Control RAS AC – Celsius | RAS Cooling Only | \$39 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | RAS SIZES 15, 17, 22 | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | RAS SIZES 09, 12 | \$92 |

SUPERSEDE DATE 10/24/2014

EFFECTIVE DATE 01/05/2015



Dealer Prices

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GR Series - New 2015



High Wall Single-zone Systems – Up to 30.5 SEER (Model Dependent) - Infinity® Series



| TYPE | MODEL | TOS CODE |
|--------------|------------|----------|
| Indoor 40GR | Heat Pumps | 1VTQ |
| Outdoor 38GR | Heat Pumps | 1QDQ |



Heat Pump with factory installed base pan heater - Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 30.5 | 15.8 | 10.3 | 40GRQB09B--3 | 38GRQB09---3 | \$439 | \$883 | \$1,322 |
| 0.75 | 9,000 | 208/230-1 | 30.5 | 15.8 | 10.3 | 40GRQB09H--3 | 38GRQB09---3 | \$439 | \$883 | \$1,322 |
| 1 | 12,000 | 208/230-1 | 23.0 | 12.8 | 10.3 | 40GRQB12B--3 | 38GRQB12---3 | \$472 | \$1,017 | \$1,489 |
| 1 | 12,000 | 208/230-1 | 23.0 | 12.8 | 10.3 | 40GRQB12H--3 | 38GRQB12---3 | \$472 | \$1,017 | \$1,489 |
| 1.5 | 18,000 | 208/230-1 | 21.0 | 12.5 | 10.3 | 40GRQB18B--3 | 38GRQB18---3 | \$621 | \$1,503 | \$2,125 |
| 1.5 | 18,000 | 208/230-1 | 21.0 | 12.5 | 10.3 | 40GRQB18H--3 | 38GRQB18---3 | \$621 | \$1,503 | \$2,125 |

Note: 9th digit of indoor model number shows the color option. B = Gray; H = White

Wireless remote control included with indoor unit. Wired Remote Control not available.

GR Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|-----------------|--------------|
| 53DS-900---118 | Condensate Pump (230v) | All GR | \$165 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | GR SIZES 09, 12 | \$95 |
| 53DS-900---089 | Insulated 25' Set - 1/4" x 3/8" | GR SIZES 18 | \$92 |



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MA Series - New 2015

Performance
SERIES

High Wall Single-zone Systems – Up to 23.5 SEER (Model Dependent) - Performance® Series



| TYPE | MODEL | TOS CODE |
|--------------|------------|----------|
| Indoor 40MA | Heat Pumps | 1VRN |
| Outdoor 38MA | Heat Pumps | 1QMN |



Heat Pump with factory installed base pan heater - Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 115-1 | 23.5 | 14.5 | 10.0 | 40MAQB09B--1 | 38MAQB09---1 | \$306 | \$785 | \$1,091 |
| 1 | 12,000 | 115-1 | 21.5 | 13.0 | 10.0 | 40MAQB12B--1 | 38MAQB12---1 | \$315 | \$809 | \$1,124 |
| 0.75 | 9,000 | 208/230-1 | 23.5 | 14.5 | 10.0 | 40MAQB09B--3 | 38MAQB09---3 | \$306 | \$785 | \$1,091 |
| 1 | 12,000 | 208/230-1 | 21.5 | 13.0 | 10.0 | 40MAQB12B--3 | 38MAQB12---3 | \$315 | \$809 | \$1,124 |
| 1.5 | 18,000 | 208/230-1 | 19.5 | 12.5 | 9.6 | 40MAQB18B--3 | 38MAQB18---3 | \$394 | \$1,011 | \$1,405 |
| 2 | 24,000 | 208/230-1 | 20.0 | 12.5 | 10.0 | 40MAQB24B--3 | 38MAQB24---3 | \$514 | \$1,319 | \$1,833 |
| 2.5 | 30,000 | 208/230-1 | 16.5 | 9.5 | 9.6 | 40MAQB30B--3 | 38MAQB30---3 | \$639 | \$1,641 | \$2,280 |

Note: Wireless remote control included with indoor unit.

MA Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|-----------------------------|--------------|
| 53DS-900---117 | Condensate Pump (115v) | MA SIZES 09, 12 | \$141 |
| 53DS-900---118 | Condensate Pump (230v) | MA SIZES 09, 12, 18, 24, 30 | \$165 |
| KSACN0101CAC | Wired Remote Control | All MA Series | \$65 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | MA SIZES 09, 018 | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | MA SIZE 12 | \$92 |



Dealer Prices

DUCTLESS SYSTEMS

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MB Series - New 2015

Performance
SERIES

Ducted, Cassette, Floor Console Single-zone Systems –
Up to 20.5 SEER (Model Dependent) - Performance® Series



| TYPE | MODEL | TOS CODE |
|--------------------|------------|----------|
| Ducted MB*D | Heat Pumps | 1VCB |
| Cassette MB*C | Heat Pumps | 1VU8 |
| Floor Console MB*F | Heat Pumps | 1VD8 |
| Outdoor 38MA | Heat Pumps | 1QMN |
| Outdoor 38MB | Heat Pumps | 1QMN |



MB*D Ducted Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 19.0 | 13.5 | 9.6 | 40MBQB09D--3 | 38MAQB09---3 | \$349 | \$785 | \$1,134 |
| 0.9 | 11,000 | 208/230-1 | 18.0 | 12.5 | 9.0 | 40MBQB12D--3 | 38MAQB12---3 | \$359 | \$809 | \$1,168 |
| 1.33 | 16,000 | 208/230-1 | 18.5 | 12.5 | 9.6 | 40MBQB18D--3 | 38MAQB18---3 | \$431 | \$1,011 | \$1,442 |
| 1.92 | 23,000 | 208/230-1 | 19.0 | 12.5 | 10.5 | 40MBQB24D--3 | 38MAQB24---3 | \$443 | \$1,319 | \$1,762 |

Note: Wireless and Wired remote controller included with indoor unit.

MB*C Cassette Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Grille Model Number | Indoor Body Price | Grille Price | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|---------------------|-------------------|--------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 19 | 13 | 10 | 40MBQB09C--3 | 40MBQB01C--- | \$416 | \$98 | 38MAQB09---3 | \$514 | \$785 | \$1,299 |
| 1 | 12,000 | 208/230-1 | 20.5 | 13 | 9.8 | 40MBQB12C--3 | 40MBQB01C--- | \$421 | \$98 | 38MAQB12---3 | \$519 | \$809 | \$1,329 |
| 1.33 | 16,000 | 208/230-1 | 19 | 12.5 | 9 | 40MBQB18C--3 | 40MBQB01C--- | \$482 | \$98 | 38MAQB18---3 | \$581 | \$1,011 | \$1,592 |

Note: Wireless remote control included with indoor unit.

Condensate Pump factory installed on indoor unit. Grille is required; sold separately.

MB*F Floor Console Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 20.0 | 12.5 | 10.0 | 40MBQB09F--3 | 38MAQB09---3 | \$345 | \$785 | \$1,131 |
| 1 | 12,000 | 208/230-1 | 20.5 | 12.5 | 9.8 | 40MBQB12F--3 | 38MAQB12---3 | \$361 | \$809 | \$1,170 |

Note: Wireless remote control included with indoor unit.

MB Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|----------------------------|--------------|
| 53DS-900---118 | Condensate Pump (230v) | MB*D & MB*F Series | \$165 |
| KSACN0101CAC | Wired Remote Control | MB*C & MB*F Series | \$65 |
| 40MBQB01C--- | Grille/Ceiling panel | MB*C Cassette Indoor units | \$98 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | MB SIZES 09, 18 | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | MB SIZE 12 | \$92 |



Dealer Prices

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GV Series - While supplies last

High Wall Single-zone systems - 16 SEER - Performance® Series

Performance
SERIES



| TYPE | MODEL | TOS CODE |
|---------------|--------------|----------|
| Indoor 40GV | All | 1UTP |
| Outdoor 38GVQ | Heat Pumps | 1QM6 |
| Outdoor 38GVC | Cooling Only | 1SM6 |



Cooling Only – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 115-1 | 16 | 12.0 | 40GVC009---1 | 38GVC009---1 | \$327 | \$614 | \$941 |
| 1 | 12,000 | 115-1 | 16 | 9.4 | 40GVC012---1 | 38GVC012---1 | \$369 | \$682 | \$1,051 |
| 1 | 12,000 | 208/230-3 | 16 | 9.8 | 40GVC012---3 | 38GVC012---3 | \$369 | \$682 | \$1,051 |
| 1.5 | 18,000 | 208/230-3 | 16 | 11.1 | 40GVC018---3 | 38GVC018---3 | \$492 | \$909 | \$1,401 |
| 2 | 24,000 | 208/230-3 | 16 | 10.0 | 40GVC024---3 | 38GVC024---3 | \$555 | \$1,025 | \$1,580 |
| 3 | 36,000 | 208/230-3 | 16 | 8.3 | 40GVC036---3 | 38GVC036---3 | \$804 | \$1,636 | \$2,441 |

Note: Wireless remote control included with indoor unit.

Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 115-1 | 16 | 12.0 | 8.6 | 40GVQ009---1 | 38GVQ009---1 | \$346 | \$669 | \$1,014 |
| 1 | 12,000 | 115-1 | 16 | 9.4 | 8.6 | 40GVQ012---1 | 38GVQ012---1 | \$410 | \$754 | \$1,164 |
| 1 | 12,000 | 208/230-3 | 16 | 9.8 | 8.5 | 40GVQ012---3 | 38GVQ012---3 | \$410 | \$754 | \$1,164 |
| 1.5 | 18,000 | 208/230-3 | 16 | 11.1 | 8.0 | 40GVQ018---3 | 38GVQ018---3 | \$546 | \$1,010 | \$1,556 |
| 2 | 24,000 | 208/230-3 | 16 | 10.0 | 9.5 | 40GVQ024---3 | 38GVQ024---3 | \$601 | \$1,117 | \$1,718 |
| 2.5 | 30,000 | 208/230-3 | 16 | 9.3 | 8.2 | 40GVQ030---3 | 38GVQ030---3 | \$750 | \$1,432 | \$2,182 |
| 3 | 36,000 | 208/230-3 | 16 | 8.3 | 8.2 | 40GVQ036---3 | 38GVQ036---3 | \$914 | \$1,841 | \$2,755 |

Note: Wireless remote control included with indoor unit.

GV Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|---|-----------------|--------------|
| 53DS-900---059 | Wireless Remote Control Locking Mount Kit | All GV Series | \$29 |
| 53DS-900---117 | Condensate Pump (115v) | GV 115V | \$141 |
| 53DS-900---118 | Condensate Pump (230v) | GV 208/230V | \$165 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | GV SIZES 18, 24 | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | GV SIZE 09, 12 | \$92 |



Dealer Prices

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MF Series

High Wall Single-zone systems 15 SEER – Comfort® Series

Comfort
SERIES



| TYPE | MODEL | TOS CODE |
|---------------|--------------|----------|
| Indoor 40MFC | Cooling Only | 1UWQ |
| Outdoor 38MFC | Cooling Only | 1SST |
| Indoor 40MFQ | Heat Pump | 1UWQ |
| Outdoor 38MFQ | Heat Pump | 1QST |



Cooling Only – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 115-1 | 15 | 10.0 | 40MFC009---1 | 38MFC009---1 | \$325 | \$600 | \$925 |
| 1 | 12,000 | 115-1 | 15 | 9.0 | 40MFC012---1 | 38MFC012---1 | \$354 | \$652 | \$1,006 |
| 1 | 12,000 | 208/230-1 | 15 | 9.0 | 40MFC012---3 | 38MFC012---3 | \$354 | \$652 | \$1,006 |
| 1.5 | 18,000 | 208/230-1 | 15 | 8.5 | 40MFC018---3 | 38MFC018---3 | \$497 | \$923 | \$1,420 |
| 1.83 | 22,000 | 208/230-1 | 15 | 10.0 | 40MFC022---3 | 38MFC022---3 | \$550 | \$1,043 | \$1,593 |

Note: Wireless remote control included with indoor unit.

Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 115-1 | 15 | 10.5 | 8.2 | 40MFQ009---1 | 38MFQ009---1 | \$364 | \$691 | \$1,055 |
| 1 | 12,000 | 115-1 | 15 | 9.5 | 8.2 | 40MFQ012---1 | 38MFQ012---1 | \$402 | \$746 | \$1,148 |
| 1 | 12,000 | 208/230-1 | 15 | 9.5 | 8.2 | 40MFQ012---3 | 38MFQ012---3 | \$402 | \$749 | \$1,151 |
| 1.5 | 18,000 | 208/230-1 | 15 | 9.0 | 8.2 | 40MFQ017---3 | 38MFQ017---3 | \$559 | \$1,036 | \$1,595 |
| 1.83 | 22,000 | 208/230-1 | 15 | 9.5 | 8.2 | 40MFQ022---3 | 38MFQ022---3 | \$626 | \$1,172 | \$1,798 |

Note: Wireless remote control included with indoor unit.

MF Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|------------------------|--------------|
| 53DS-900---059 | Remote Control Locking Mount Kit | All MFC/MFQ Series | \$29 |
| 53DS-900---117 | Condensate Pump (115v) | MFC/MFQ 09, 12 | \$141 |
| 53DS-900---118 | Condensate Pump (230v) | MFC/MFQ 12, 18, 17, 22 | \$165 |
| KSACN0101CAC | Wired Remote Control | All MFC/MFQ Series | \$65 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | All MFC/MFQ 12, 18, 17 | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | MFC/MFQ 09 | \$92 |



Dealer Prices

DUCTLESS SYSTEMS

Carrier Corporation • Indianapolis, IN 46231
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F.O.B. SHIPPING POINT
FREIGHT AS PER D.O.M.

GJ Series – New 2015

Multi-zone systems - Up to 22 SEER (Model Dependent) – Infinity® Series



| TYPE | MODEL | TOS CODE |
|----------------------|------------|----------|
| High Wall 40GR | Heat Pumps | 1VTQ |
| High Wall 40GJ*B | Heat Pumps | 1MT1 |
| Ducted 40GJ*D | Heat Pumps | 1MC1 |
| Floor Console 40GJ*F | Heat Pumps | 1MD1 |
| Casette 40GJ*C | Heat Pumps | 1MQ1 |
| Outdoor Unit 38GJ | Heat Pumps | 1QD1 |



Outdoor Unit - Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | Min # of Indoor Units | Max # of Indoor Units | SEER | EER | HSPF | Outdoor Model Number | Dealer Price |
|-------------|-------------|----------------|-----------------------|-----------------------|------|------|------|----------------------|--------------|
| 1.5 | 18,000 | 208/230-1 | 2 | 2 | 22.0 | 10.9 | 9.0 | 38GJQC18---3 | \$1,102 |
| 2 | 24,000 | 208/230-1 | 2 | 3 | 20.5 | 10.2 | 11.0 | 38GJQD24---3 | \$1,510 |
| 2.5 | 30,000 | 208/230-1 | 2 | 4 | 21.0 | 12.0 | 10.2 | 38GJQF30---3 | \$1,556 |
| 3 | 36,000 | 208/230-1 | 2 | 4 | 21.0 | 12.1 | 10.2 | 38GJQG36---3 | \$2,247 |
| 3.5 | 42,000 | 208/230-1 | 2 | 5 | 21.0 | 10.4 | 10.2 | 38GJQG42---3 | \$2,386 |
| 4 | 48,000 | 208/230-1 | 2 | 8 | 16.0 | 9.5 | 8.2 | 38GJQK48---3 | \$3,155 |
| 4.67 | 56,000 | 208/230-1 | 2 | 9 | 16.0 | 9.4 | 8.2 | 38GJQL56---3 | \$3,597 |

Note: All ports do not need to be used at time of the original installation. Future system expansion is possible.

High Wall 40GR Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Indoor Unit Color | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|-------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40GRQB09B--3 | Gray | \$439 |
| 0.75 | 9,000 | 208/230-1 | 40GRQB09H--3 | White | \$439 |
| 1 | 12,000 | 208/230-1 | 40GRQB12B--3 | Gray | \$472 |
| 1 | 12,000 | 208/230-1 | 40GRQB12H--3 | White | \$472 |
| 1.5 | 18,000 | 208/230-1 | 40GRQB18B--3 | Gray | \$621 |
| 1.5 | 18,000 | 208/230-1 | 40GRQB18H--3 | White | \$621 |

Matched with Outdoor units sizes 18-42k only

9th digit of indoor model number shows the color option. B = Gray; H = White

Note: Wireless remote controller included with each indoor unit. Wired Remote Control not available.

High Wall 40GJ*B Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40GJQB09B--3 | \$351 |
| 1 | 12,000 | 208/230-1 | 40GJQB12B--3 | \$373 |
| 1.5 | 18,000 | 208/230-1 | 40GJQB18B--3 | \$494 |
| 2 | 24,000 | 208/230-1 | 40GJQB24B--3 | \$592 |

Note: Wireless remote controller included with each indoor unit.



Dealer Prices

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Ducted 40GJ*D Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40GJQB09D--3 | \$347 |
| 1 | 12,000 | 208/230-1 | 40GJQB12D--3 | \$366 |
| 1.5 | 18,000 | 208/230-1 | 40GJQB18D--3 | \$445 |
| 1.75 | 21,000 | 208/230-1 | 40GJQB21D--3 | \$492 |
| 2 | 24,000 | 208/230-1 | 40GJQB24D--3 | \$505 |

Note: Wireless and Wired remote controller included with each indoor unit.
Condensate Pump factory installed on indoor unit.

Floor Console 40GJ*F Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40GJQB09F--3 | \$339 |
| 1 | 12,000 | 208/230-1 | 40GJQB12F--3 | \$383 |
| 1.5 | 18,000 | 208/230-1 | 40GJQB18F--3 | \$434 |

Note: Wireless remote controller included with each indoor unit. Wired Remote Controller not available.

Cassette 40GJ*C Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Grille Model Number | Dealer Indoor Body Price | Dealer Grille Price | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|--------------------------|---------------------|---------------------|
| 1 | 12,000 | 208/230-1 | 40GJQB12C--3 | 40GJQB01C--- | \$384 | \$84 | \$469 |
| 1.5 | 18,000 | 208/230-1 | 40GJQB18C--3 | 40GJQB01C--- | \$413 | \$84 | \$497 |
| 2 | 24,000 | 208/230-1 | 40GJQB24C--3 | 40GJQB02C--- | \$489 | \$140 | \$629 |

Note: Wireless and Wired remote controller included with each indoor unit.
Condensate Pump factory installed on indoor unit.
Grille is required; sold separately.

GJ Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|-----------------------------------|--------------|
| 53DS-900---118 | Condensate Pump (230v) | GR, GJ*B & GJ*F Indoor units | \$165 |
| KSACN0201AAA | Wired Remote Control | GJ*B Systems | \$65 |
| 40GJQB01C--- | Grille/Ceiling panel | GJ*C Cassette Indoor units 12, 18 | \$84 |
| 40GJQB02C--- | Grille/Ceiling panel | GJ*C Cassette Indoor units 24 | \$140 |
| KSAUI0201AAA | Multi 2 Port Branch Box | GJ Multi-zone 048, 056 (230v) | \$276 |
| KSAUI0401AAA | Multi 3 Port Branch Box | GJ Multi-zone 048, 056 (230v) | \$305 |
| KSAUI0501AAA | Y-type Branch Tube | GJ Multi-zone 048, 056 | \$26 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | See Product Data for sizes | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | See Product Data for sizes | \$92 |



Dealer Prices

DUCTLESS SYSTEMS

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FREIGHT AS PER D.O.M.

MG Series - New 2015



Multi-zone systems - Up to 22 SEER (Model Dependent) – Performance® Series



| TYPE | MODEL | TOS CODE |
|----------------------|------------|----------|
| High Wall 40MA | Heat Pumps | 1VRN |
| Ducted 40MB*D | Heat Pumps | 1VC8 |
| Floor Console 40MB*F | Heat Pumps | 1VU8 |
| Cassette 40MB*C | Heat Pumps | 1VD8 |
| Outdoor Unit 38MG | Heat Pumps | 1QM6 |



18K 27K 36K 48K

Outdoor Unit - Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | Min # of Indoor Units | Max # of Indoor Units | SEER | EER | HSPF | Outdoor Model Number | Dealer Outdoor Price |
|-------------|-------------|----------------|-----------------------|-----------------------|------|------|------|----------------------|----------------------|
| 1.5 | 18,000 | 208/230-1 | 2 | 2 | 21.0 | 12.5 | 9.6 | 38MGQC18---3 | \$1,003 |
| 2.25 | 27,000 | 208/230-1 | 2 | 3 | 22.0 | 12.5 | 9.6 | 38MGQD27---3 | \$1,281 |
| 3 | 36,000 | 208/230-1 | 2 | 4 | 18.0 | 8.8 | 10.0 | 38MGQF36---3 | \$1,925 |
| 4 | 48,000 | 208/230-1 | 2 | 5 | 20.0 | 12.5 | 10.0 | 38MGQF48---3 | \$2,597 |

Note: All ports do not have to be used at time of original installation. Future system expansion is possible.

High Wall 40MA Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40MAQB09B--3 | \$306 |
| 1 | 12,000 | 208/230-1 | 40MAQB12B--3 | \$315 |
| 1.5 | 18,000 | 208/230-1 | 40MAQB18B--3 | \$394 |
| 2 | 24,000 | 208/230-1 | 40MAQB24B--3 | \$514 |

Note: Wireless remote controller included with each indoor unit.

Ducted 40MB*D Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40MBQB09D--3 | \$349 |
| 1 | 12,000 | 208/230-1 | 40MBQB12D--3 | \$359 |
| 1.5 | 18,000 | 208/230-1 | 40MBQB18D--3 | \$431 |
| 2 | 24,000 | 208/230-1 | 40MBQB24D--3 | \$443 |

Note: Wireless and Wired remote controller included with each indoor unit.

Floor Console 40MB*F Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40MBQB09F--3 | \$345 |
| 1 | 12,000 | 208/230-1 | 40MBQB12F--3 | \$361 |

Note: Wireless remote controller included with each indoor unit.



Dealer Prices

DUCTLESS SYSTEMS

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Cassette 40MB*C Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @ 60Hz | Indoor Model Number | Grille Model Number | Dealer Indoor Body Price | Dealer Grille Price | Dealer Indoor Unit Price |
|-----------|-----------|----------------|---------------------|---------------------|--------------------------|---------------------|--------------------------|
| 0.75 | 9,000 | 208/230-1 | 40MBQB09C--3 | 40MBQB01C-- | \$416 | \$98 | \$514 |
| 1 | 12,000 | 208/230-1 | 40MBQB12C--3 | 40MBQB01C-- | \$421 | \$98 | \$519 |
| 1.5 | 18,000 | 208/230-1 | 40MBQB18C--3 | 40MBQB01C-- | \$482 | \$98 | \$581 |

Note: Wireless remote controller included with each indoor unit.

Condensate Pump factory installed on indoor unit.

Grille is required; sold separately.

MG Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|--------------------|--------------------------------------|-----------------------------------|--------------|
| 53DS-900---118 | Condensate Pump (230v) | MA, MB*D, MB*F Indoor units | \$165 |
| KSACN0101CAC | Wired Remote Control | MA, MB*F & MB*C Systems | \$65 |
| 40MBQB01C-- | Grille/Ceiling panel | MB*C Cassette Indoor units | \$98 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | See Product Data for sizes | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | See Product Data for sizes | \$92 |



Dealer Prices

DUCTLESS SYSTEMS

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F.O.B. SHIPPING POINT
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GVM Series - While supplies last

**Multi-zone systems -
16 SEER – Performance® Series**

Performance
SERIES



| TYPE | MODEL | TOS CODE |
|---------------|-------|----------|
| Indoor 40GVM | All | 1MTP |
| Outdoor 38GVM | All | 1QMM |



Outdoor Unit - Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | Min # of Indoor Units | Max # of Indoor Units | SEER | EER | HSPF | Outdoor Model Number | Dealer Outdoor Price |
|-------------|-------------|----------------|-----------------------|-----------------------|------|------|------|----------------------|----------------------|
| 1.50 | 18,000 | 208/230-1 | 2 | 2 | 16 | 10.2 | 8.2 | 38GVM218---3 | \$1,298 |
| 2.00 | 24,000 | 208/230-1 | 2 | 3 | 16 | 8.2 | 8.2 | 38GVM324---3 | \$1,451 |
| 2.50 | 30,000 | 208/230-1 | 2 | 4 | 16 | 7.3 | 8.2 | 38GVM430---3 | \$1,912 |
| 3.00 | 36,000 | 208/230-1 | 2 | 4 | 16 | 8.0 | 8.2 | 38GVM436---3 | \$2,416 |
| 3.50 | 42,000 | 208/230-1 | 2 | 5 | 16 | 9.3 | 8.0 | 38GVM542---3 | \$2,584 |

Note: All ports do not have to be used at time of original installation. Future system expansion is possible.

High Wall 40GVM Indoor Unit

| Unit Tons | Unit Btuh | Volt-Ph @60Hz | Indoor Model Number | Dealer Indoor Price |
|-----------|-----------|---------------|---------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 40GVM009---3 | \$401 |
| 1.00 | 12,000 | 208/230-1 | 40GVM012---3 | \$455 |
| 1.50 | 18,000 | 208/230-1 | 40GVM018---3 | \$555 |

Note: Wireless remote controller included with each indoor unit; wired control not available.

GVM Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|----------------------------|--------------|
| 53DS-900---059 | Remote Control Locking Mount Kit | All GVM Series | \$29 |
| 53DS-900---118 | Condensate Pump (230v) | All GVM Indoor units | \$165 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | See Product Data for sizes | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | See Product Data for sizes | \$92 |



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Dealer Prices

DUCTLESS SYSTEMS

F.O.B. SHIPPING POINT
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RAV-**KRT Series

Light Commercial High Wall Single-zone Systems –
Up to 19.5 SEER (Model Dependent) – Toshiba® Series

TOSHIBA
SERIES



| TYPE | MODEL | TOS CODE |
|---------|--------------|----------|
| Indoor | RAV-SP***KRT | 4VTP |
| Outdoor | RAV-SP***AT | 4QM8 |



18K

24K

Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 1.50 | 18,000 | 208/230-1 | 19.5 | 10.0 | 11.5 | RAV-SP180KRT-UL | RAV-SP180AT2-UL | \$784 | \$1,717 | \$2,501 |
| 2.08 | 25,000 | 208/230-1 | 16.7 | 9.1 | 9.8 | RAV-SP240KRT-UL | RAV-SP240AT2-UL | \$972 | \$2,110 | \$3,082 |

Note: Wireless infrared remote control included with indoor unit. Wired controller is an optional accessory.

RAV-**KRT Optional Accessories: TOS 1299 & 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--|----------------------------|--------------|
| RBC-AMS51E-ES | Lite Vision Wired remote controller | All RAV Models | \$136 |
| TCB-AX21UL | Wireless remote controller kit - standalone sensor (Remote + receiver) | All RAV Models | \$540 |
| 53DS-900---118 | Condensate Pump (230V) | RAV High Wall Indoor Units | \$165 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | RAV SIZE 18 | \$95 |

Note: Field fabricated wind baffles are recommended for low ambient applications down to 0°F.
Systems can be programmed to operate in cooling only mode with heating locked out.



Dealer Prices

DUCTLESS SYSTEMS

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F.O.B. SHIPPING POINT
FREIGHT AS PER D.O.M.

QN Series

Performance
SERIES

Light Commercial High Wall Single-zone Systems – 13 SEER – Performance® Series



| TYPE | MODEL | TOS CODE |
|---------------|--------------|----------|
| Indoor 40QN | All | 1VWP |
| Outdoor 38HDF | Cooling Only | 1SMS |
| Outdoor 38QRF | Heat Pump | 1QMS |



Cooling Only – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 1.5 | 18,000 | 208/230-1 | 13 | 11.8 | 40QNC01824-3 | 38HDF018---3 | \$520 | \$1,480 | \$2,000 |
| 2 | 24,000 | 208/230-1 | 13 | 11.3 | 40QNC01824-3 | 38HDF024---3 | \$520 | \$1,656 | \$2,176 |
| 2.5 | 30,000 | 208/230-1 | 13 | 11.7 | 40QNC030---3 | 38HDF030---3 | \$823 | \$1,875 | \$2,698 |
| 3 | 36,000 | 208/230-1 | 13 | 11.3 | 40QNC036---3 | 38HDF036---3 | \$839 | \$1,989 | \$2,827 |
| 3 | 36,000 | 208/230-3 | 13 | 11.3 | 40QNC036---3 | 38HDF036---5 | \$839 | \$2,248 | \$3,086 |
| 3 | 36,000 | 460-3 | 13 | 11.3 | 40QNC036---3 | 38HDF036---6 | \$839 | \$2,248 | \$3,086 |

Note: Wireless remote control included with indoor unit. Wired control not available.

Heat Pump – Fixed Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 1.5 | 18,000 | 208/230-1 | 13 | 11.3 | 7.7 | 40QNC01824-3 | 38QRF018---3 | \$541 | \$1,696 | \$2,237 |
| 2 | 24,000 | 208/230-1 | 13 | 11.5 | 7.7 | 40QNC024---3 | 38QRF024---3 | \$564 | \$1,800 | \$2,365 |
| 2.5 | 30,000 | 208/230-1 | 13 | 11.7 | 7.7 | 40QNC030---3 | 38QRF030---3 | \$839 | \$2,066 | \$2,905 |
| 3 | 36,000 | 208/230-1 | 13 | 10.9 | 7.7 | 40QNC036---3 | 38QRF036---3 | \$868 | \$2,260 | \$3,128 |
| 3 | 36,000 | 208/230-3 | 13 | 10.9 | 7.7 | 40QNC036---3 | 38QRF036---5 | \$868 | \$2,699 | \$3,567 |
| 3 | 36,000 | 460-3 | 13 | 10.9 | 7.7 | 40QNC036---3 | 38QRF036---6 | \$868 | \$2,699 | \$3,567 |

Note: Wireless remote control included with indoor unit. Wired control not available.

QN Optional Accessories: TOS 5299, 1299 and 2299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--|--|--------------|
| 53DS-900---090 | Wireless Remote Control Locking Mount Kit | All 40QNC/QNQ Series | \$29 |
| 53DS-900---118 | Condensate Pump (230v) | All 40QNC/QNQ Series | \$165 |
| KAACH1201AAA | Crankcase Heater | 38HDF036 (230V) | \$19 |
| KAACH1401AAA | Crankcase Heater | 38HDF018 thru 030 | \$20 |
| KAACH1301AAA | Crankcase Heater | 38HDF036 (460V-3) | \$24 |
| KSALA0801AAA | Low Ambient Control (for cooling -20F) | 38HD 208/230V Cooling Only | \$158 |
| KSALA0901AAA | Low Ambient Control (for cooling -20F) | 38HD 460V Cooling Only | \$195 |
| 53DS-900---070 | Wind Baffle | 38HDF018 | \$181 |
| 53DS-900---087 | Wind Baffle | 38HDF024,030 | \$204 |
| 53DS-900---071 | Wind Baffle | 38HDF036 | \$214 |
| 53DS-900---075 | Stacking Kit | 38HDF018 thru 030 | \$132 |
| 53DS-900---076 | Stacking Kit | 38HDF036 | \$179 |
| 53DS-900---077 | Wall Mount Kit | 38HDF018 thru 030, 38QRF018 & 024 | \$212 |
| 53DS-900---078 | Wall Mount Kit | 38HDF036, 38QRF030 & 036 | \$237 |
| KAAWS0101AAA | Winter Start Kit (for low ambient on cooling only systems) | 38HD All Sizes | \$53 |
| KSAHS1501AAA | Hard Start Kit (Capacitor & Relay) | 38HD/QR (208/230V) | \$38 |
| KAALS0201LLS | Liquid Line Solenoid for Cooling Only | 38HD All Sizes - Required for Long Line Applications | \$54 |
| KHALS0401LLS | Liquid Line Solenoid for Heat Pump | 38QR All Sizes - Required for Long Line Applications | \$96 |

SUPERSEDE DATE 10/24/2014

EFFECTIVE DATE 01/05/2015



Dealer Prices

DUCTLESS SYSTEMS

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RAV-**CT Series

Light Commercial Underceiling Single-zone Systems –
Up to 20.6 SEER (Model Dependent) – Toshiba® Series

TOSHIBA
SERIES



| TYPE | MODEL | TOS CODE |
|---------|-------------|----------|
| Indoor | RAV-SP***CT | 4VYP |
| Outdoor | RAV-SP***AT | 4QM8 |



18K

24K

30-42K

Heat Pump – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 1.42 | 17,000 | 208/230-1 | 17.0 | 8.6 | 10.8 | RAV-SP180CT-UL | RAV-SP180AT2-UL | \$1,131 | \$1,717 | \$2,847 |
| 1.98 | 23,700 | 208/230-1 | 19.5 | 9.0 | 10.3 | RAV-SP240CT-UL | RAV-SP240AT2-UL | \$1,263 | \$2,110 | \$3,373 |
| 2.50 | 30,000 | 208/230-1 | 20.6 | 13.0 | 10.3 | RAV-SP300CT-UL | RAV-SP300AT2-UL | \$1,459 | \$2,570 | \$4,029 |
| 3.00 | 36,000 | 208/230-1 | 20.4 | 12.0 | 11.0 | RAV-SP360CT-UL | RAV-SP360AT2-UL | \$1,666 | \$2,887 | \$4,553 |
| 3.42 | 41,000 | 208/230-1 | 18.8 | 9.7 | 11.0 | RAV-SP420CT-UL | RAV-SP420AT2-UL | \$1,958 | \$3,318 | \$5,275 |

Note: Wireless infrared remote control included with indoor unit. Wired controller is an optional accessory.

RAV-**CT Optional Accessories: TOS 1299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|---|--|--------------|
| RBC-AMSS1E-ES | Lite Vision Wired remote controller | All RAV Models | \$136 |
| RBC-AX22CUL | Wireless remote controller kit (Remote + receiver) | RAV Underceiling Indoor unit | \$164 |
| TCB-AX21UL | Wireless remote controller kit-standalone sensor(remote+receiver) | All RAV Models | \$540 |
| TCB-DP22CUL | Condensate (Drain) Pump Kit | RAV Underceiling | \$251 |
| TCB-KP12CUL | Elbow Piping Kit | 18K Underceiling; required with condensate pump kit. | \$403 |
| TCB-KP22CUL | Elbow Piping Kit | 24/30/36/42K Underceiling; required with condensate pump kit | \$445 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | RAV SIZE 18 | \$95 |

System control sold separately.

Note: Field fabricated wind baffles are recommended for low ambient applications down to 0°F. Systems can be programmed to operate in cooling only mode with heating locked out.



Dealer Prices

DUCTLESS SYSTEMS

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QA Series

Light Commercial Underceiling Single-zone Systems – 13 SEER – Performance® Series

Performance
SERIES



| TYPE | MODEL | TOS CODE |
|---------------|--------------|----------|
| Indoor 40QA | All | 1VYP |
| Outdoor 38HDR | Cooling Only | 1RMS |
| Outdoor 38QRR | Heat Pump | 1TMS |



Cooling Only - Fixed Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 1.5 | 18,000 | 208/230-1 | 13 | 11.5 | 40QAC024---3 | 38HDR018---3 | \$1,393 | \$1,510 | \$2,903 |
| 2 | 24,000 | 208/230-1 | 13 | 12.0 | 40QAC024---3 | 38HDR024---3 | \$1,393 | \$1,689 | \$3,082 |
| 2.5 | 30,000 | 208/230-1 | 13 | 12.0 | 40QAC036---3 | 38HDR030---3 | \$1,807 | \$1,913 | \$3,720 |
| 3 | 36,000 | 208/230-1 | 13 | 11.4 | 40QAC036---3 | 38HDR036---3 | \$1,807 | \$2,029 | \$3,836 |
| 3 | 36,000 | 208/230-3 | 13 | 11.4 | 40QAC036---3 | 38HDR036---5 | \$1,807 | \$2,299 | \$4,106 |
| 3 | 36,000 | 460-3 | 13 | 11.4 | 40QAC036---3 | 38HDR036---6 | \$1,807 | \$2,299 | \$4,106 |
| 4 | 48,000 | 208/230-1 | 13 | 11.5 | 40QAC048---3 | 38HDR048---3 | \$2,219 | \$2,270 | \$4,489 |
| 4 | 48,000 | 208/230-3 | 13 | 11.5 | 40QAC048---3 | 38HDR048---5 | \$2,219 | \$2,420 | \$4,638 |
| 4 | 48,000 | 460-3 | 13 | 11.5 | 40QAC048---3 | 38HDR048---6 | \$2,219 | \$2,420 | \$4,638 |
| 5 | 60,000 | 208/230-1 | 13 | 11.4 | 40QAC060---3 | 38HDR060---3 | \$3,075 | \$2,607 | \$5,682 |
| 5 | 60,000 | 208/230-3 | 13 | 11.4 | 40QAC060---3 | 38HDR060---5 | \$3,075 | \$2,890 | \$5,965 |
| 5 | 60,000 | 460-3 | 13 | 11.4 | 40QAC060---3 | 38HDR060---6 | \$3,075 | \$2,890 | \$5,965 |

Heat Pump - Fixed Speed System – Indoor unit with Supplemental Electric Heat

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 1.5 | 18,000 | 208/230-1 | 13 | 11.7 | 7.7 | 40QAQ024---3 | 38QRR018---3 | \$1,621 | \$1,731 | \$3,352 |
| 2 | 24,000 | 208/230-1 | 13 | 11.4 | 7.7 | 40QAQ024---3 | 38QRR024---3 | \$1,621 | \$1,837 | \$3,459 |
| 2.5 | 30,000 | 208/230-1 | 13 | 11.2 | 7.7 | 40QAQ036---3 | 38QRR030---3 | \$2,200 | \$2,108 | \$4,309 |
| 3 | 36,000 | 208/230-1 | 13 | 11.6 | 7.7 | 40QAQ036---3 | 38QRR036---3 | \$2,200 | \$2,250 | \$4,451 |
| 3 | 36,000 | 208/230-3 | 13 | 11.6 | 7.7 | 40QAQ036---3 | 38QRR036---5 | \$2,200 | \$2,692 | \$4,892 |
| 3 | 36,000 | 460-3 | 13 | 11.6 | 7.7 | 40QAQ036---3 | 38QRR036---6 | \$2,200 | \$2,692 | \$4,892 |
| 4 | 48,000 | 208/230-1 | 13 | 11.5 | 7.7 | 40QAQ048---3 | 38QRR048---3 | \$2,472 | \$2,598 | \$5,069 |
| 4 | 48,000 | 208/230-3 | 13 | 11.5 | 7.7 | 40QAQ048---3 | 38QRR048---5 | \$2,472 | \$2,974 | \$5,446 |
| 4 | 48,000 | 460-3 | 13 | 11.5 | 7.7 | 40QAQ048---3 | 38QRR048---6 | \$2,472 | \$2,974 | \$5,446 |
| 5 | 60,000 | 208/230-1 | 13 | 11.4 | 7.7 | 40QAQ060---3 | 38QRR060---3 | \$3,165 | \$2,861 | \$6,026 |
| 5 | 60,000 | 208/230-3 | 13 | 11.4 | 7.7 | 40QAQ060---3 | 38QRR060---5 | \$3,165 | \$3,307 | \$6,471 |
| 5 | 60,000 | 460-3 | 13 | 11.4 | 7.7 | 40QAQ060---3 | 38QRR060---6 | \$3,165 | \$3,307 | \$6,471 |

Notes:

Indoor units include metering device and mounting bracket. Units are 24v control.
Thermostat and condensate pump sold separately.



Dealer Prices

DUCTLESS SYSTEMS

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QA Optional Accessories: TOS 5299 & 1299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|-------------------------------|-------------------|--------------|
| 53DFS250-HW | 7-Day Programmable Thermostat | All 40QAC & 40QAQ | \$119 |
| 53DS-900---081 | Condensate Pump | All 40QA | \$212 |

QA Outdoor Accessories: TOS 5299

| Ordering No. | Description | For Models | Price |
|----------------|--|--|-------|
| KAACH1401AAA | Crankcase Heater | 38HDR018 & 024 | \$20 |
| KSALA0801AAA | Low Ambient Control (for cooling -20F) | 38HD 208/230V Cooling Only | \$158 |
| KSALA0901AAA | Low Ambient Control (for cooling -20F) | 38HD 460V Cooling Only | \$195 |
| 53DS-900---070 | Wind Baffle | 38HDR018 | \$181 |
| 53DS-900---087 | Wind Baffle | 38HDR024 | \$204 |
| 53DS-900---071 | Wind Baffle | 38HDR030 & 036 | \$214 |
| 53DS-900---088 | Wind Baffle | 38HDR048 & 060 | \$235 |
| 53DS-900---075 | Stacking Kit | 38HDR018 & 024 | \$132 |
| 53DS-900---076 | Stacking Kit | 38HDR030 thru 060 | \$179 |
| 53DS-900---077 | Wall Mount Kit | 38HDR/QRR018 & 024 | \$212 |
| 53DS-900---078 | Wall Mount Kit | 38HDR/QRR030 thru 060 | \$237 |
| KAAWS0101AAA | Winter Start Kit (for low ambient cooling) | 38HD All Sizes | \$53 |
| KSAS1501AAA | Hard Start Kit (Capacitor & Relay) | 38HD/QR (208/230V) | \$38 |
| KAALS0201LLS | Liquid Line Solenoid for Cooling Only | 38HD All Sizes - Required for Long Line Applications | \$54 |
| KHALS0401LLS | Liquid Line Solenoid for Heat Pump | 38QR All Sizes - Required for Long Line Applications | \$96 |

* Reference residential price pages for most current price. TOS 5796



Dealer Prices

DUCTLESS SYSTEMS

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RAV-**UT Series



Light Commercial Cassette Single-zone Systems – Up to 21 SEER (Model Dependent) – Toshiba® Series



| TYPE | MODEL | TOS CODE |
|---------|-------------|----------|
| Indoor | RAV-SP***UT | 4VXP |
| Outdoor | RAV-SP***AT | 4QM8 |



18K

24K

30-42K

Heat Pump – Variable Speed System

| System Tons | System Btuh | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Grille Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer Grille Price | Dealer System Price |
|-------------|-------------|------|------|------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| 1.58 | 19,000 | 20.5 | 10.7 | 11.5 | RAV-SP180UT-UL | RAV-SP180AT2-UL | RBC-U31PG(W)-UL | \$1,485 | \$1,717 | \$221 | \$3,423 |
| 2.08 | 25,000 | 20.7 | 11 | 9.5 | RAV-SP240UT-UL | RAV-SP240AT2-UL | RBC-U31PG(W)-UL | \$1,756 | \$2,110 | \$221 | \$4,087 |
| 2.67 | 32,000 | 21 | 14 | 11 | RAV-SP300UT-UL | RAV-SP300AT2-UL | RBC-U31PG(W)-UL | \$2,090 | \$2,570 | \$221 | \$4,881 |
| 3.04 | 36,500 | 21 | 13 | 11.9 | RAV-SP360UT-UL | RAV-SP360AT2-UL | RBC-U31PG(W)-UL | \$2,374 | \$2,887 | \$221 | \$5,482 |
| 3.4 | 40,800 | 19 | 11.5 | 10.8 | RAV-SP420UT-UL | RAV-SP420AT2-UL | RBC-U31PG(W)-UL | \$2,619 | \$3,318 | \$221 | \$6,158 |

Note: Wired or wireless remote controller mandatory; not provided as standard.

RAV-**UT Optional Accessories: TOS 1299

| Ordering No. | Description | For Models | Dealer Price |
|-----------------|--|----------------|--------------|
| RBC-AMS51E-ES | Lite Vision Wired remote controller | All RAV Models | \$136 |
| RBC-AX31U(W)-UL | Wireless remote controller kit (Remote + receiver) | RAV Cassette | \$186 |
| TCB-AX21UL | Wireless remote controller kit - standalone sensor (Remote + receiver) | All RAV Models | \$540 |
| RBC-U31PG(W)-UL | Grille/Ceiling panel (white) | RAV Cassette | \$221 |
| TCB-FF101URUL | Auxiliary fresh air flange | RAV Cassette | \$17 |
| TCB-GB1602UUL | Fresh air inlet box | RAV Cassette | \$69 |
| TCB-GFC1602UUL | Fresh air chamber | RAV Cassette | \$178 |
| TCB-SP1602UUL | Spacer for height adjustment | RAV Cassette | \$145 |
| TCB-BC1602UUL | Air discharge direction kit | RAV Cassette | \$41 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | RAV SIZE 18 | \$95 |

System control and grille sold separately.

Note: Field fabricated wind baffles are recommended for low ambient applications down to 0°F.



Dealer Prices

DUCTLESS SYSTEMS

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MB Series - New 2015

Performance
SERIES

Ducted, Cassette, Floor Console Single-zone Systems –
Up to 20.5 SEER (Model Dependent) - Performance® Series



| TYPE | MODEL | TOS CODE |
|--------------------|------------|----------|
| Ducted MB*D | Heat Pumps | 1VCB |
| Cassette MB*C | Heat Pumps | 1VU8 |
| Floor Console MB*F | Heat Pumps | 1VD8 |
| Outdoor 38MA | Heat Pumps | 1QMN |
| Outdoor 38MB | Heat Pumps | 1QMN |



MB*D Ducted Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 19.0 | 13.5 | 9.6 | 40MBQB09D--3 | 38MAQB09---3 | \$349 | \$785 | \$1,134 |
| 0.9 | 11,000 | 208/230-1 | 18.0 | 12.5 | 9.0 | 40MBQB12D--3 | 38MAQB12---3 | \$359 | \$809 | \$1,168 |
| 1.33 | 16,000 | 208/230-1 | 18.5 | 12.5 | 9.6 | 40MBQB18D--3 | 38MAQB18---3 | \$431 | \$1,011 | \$1,442 |
| 1.92 | 23,000 | 208/230-1 | 19.0 | 12.5 | 10.5 | 40MBQB24D--3 | 38MAQB24---3 | \$443 | \$1,319 | \$1,762 |

Note: Wireless and Wired remote controller included with indoor unit.

MB*C Cassette Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Grille Model Number | Indoor Body Price | Grille Price | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|---------------------|-------------------|--------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 19 | 13 | 10 | 40MBQB09C--3 | 40MBQB01C--- | \$416 | \$98 | 38MAQB09---3 | \$514 | \$785 | \$1,299 |
| 1 | 12,000 | 208/230-1 | 20.5 | 13 | 9.8 | 40MBQB12C--3 | 40MBQB01C--- | \$421 | \$98 | 38MAQB12---3 | \$519 | \$809 | \$1,329 |
| 1.33 | 16,000 | 208/230-1 | 19 | 12.5 | 9 | 40MBQB18C--3 | 40MBQB01C--- | \$482 | \$98 | 38MAQB18---3 | \$581 | \$1,011 | \$1,592 |

Note: Wireless remote control included with indoor unit.

Condensate Pump factory installed on indoor unit. Grille is required; sold separately.

MB*F Floor Console Heat Pump with factory installed base pan heater – Variable Speed System

| System Tons | System Btuh | Volt-Ph @ 60Hz | SEER | EER | HSPF | Indoor Model Number | Outdoor Model Number | Dealer Indoor Price | Dealer Outdoor Price | Dealer System Price |
|-------------|-------------|----------------|------|------|------|---------------------|----------------------|---------------------|----------------------|---------------------|
| 0.75 | 9,000 | 208/230-1 | 20.0 | 12.5 | 10.0 | 40MBQB09F--3 | 38MAQB09---3 | \$345 | \$785 | \$1,131 |
| 1 | 12,000 | 208/230-1 | 20.5 | 12.5 | 9.8 | 40MBQB12F--3 | 38MAQB12---3 | \$361 | \$809 | \$1,170 |

Note: Wireless remote control included with indoor unit.

MB Optional Accessories: TOS 5299

| Ordering No. | Description | For Models | Dealer Price |
|----------------|--------------------------------------|----------------------------|--------------|
| 53DS-900---118 | Condensate Pump (230v) | MB*D & MB*F Series | \$165 |
| KSACN0101CAC | Wired Remote Control | MB*C & MB*F Series | \$65 |
| 40MBQB01C--- | Grille/Ceiling panel | MB*C Cassette Indoor units | \$98 |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 1/2" | MB SIZES 09, 18 | \$95 |
| 53DS-900---089 | Insulated 25' Line Set - 1/4" x 3/8" | MB SIZE 12 | \$92 |



Dealer Prices

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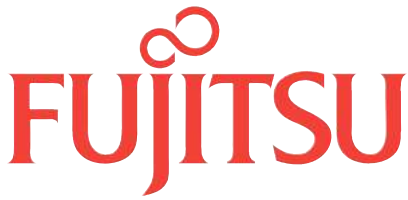
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Low Ambient Application Guide for HD Low Ambient Cooling (-20° F) Recommended Accessories

Performance
SERIES

| | | UNIT | LOW AMBIENT CONTROL | CRANKCASE HEATER | WINTER START KIT | ISOLATION RELAY | HARD START KIT (as required) | WIND BAFFLE |
|--------------|-----------------------------------|--------------|---------------------|------------------|------------------|-----------------|------------------------------|----------------|
| Cooling Only | Underceiling Systems (QAC Series) | 38HDR018---3 | KSALA0801AAA | KAACH1401AAA | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---070 |
| | | 38HDR024---3 | KSALA0801AAA | KAACH1401AAA | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---087 |
| | | 38HDR030---3 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---071 |
| | | 38HDR036---3 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---071 |
| | | 38HDR036---5 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | N/R | 53DS-900---071 |
| | | 38HDR036---6 | <u>KSALA0901AAA</u> | STD | KAAWS0101AAA | N/R | N/R | 53DS-900---071 |
| | | 38HDR048---3 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---088 |
| | | 38HDR048---5 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | N/R | 53DS-900---088 |
| | | 38HDR048---6 | <u>KSALA0901AAA</u> | STD | KAAWS0101AAA | N/R | N/R | 53DS-900---088 |
| | | 38HDR060---3 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---088 |
| | | 38HDR060---5 | KSALA0801AAA | STD | KAAWS0101AAA | N/R | N/R | 53DS-900---088 |
| | | 38HDR060---6 | <u>KSALA0901AAA</u> | STD | KAAWS0101AAA | N/R | N/R | 53DS-900---088 |
| | High Wall Systems (QNC Series) | 38HDF018---3 | KSALA0801AAA | KAACH1401AAA | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---070 |
| | | 38HDF024---3 | KSALA0801AAA | KAACH1401AAA | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---087 |
| | | 38HDF030---3 | KSALA0801AAA | KAACH1401AAA | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---087 |
| | | 38HDF036---3 | KSALA0801AAA | KAACH1201AAA | KAAWS0101AAA | N/R | KSAHS1501AAA | 53DS-900---071 |
| | | 38HDF036---5 | KSALA0801AAA | KAACH1201AAA | KAAWS0101AAA | N/R | N/R | 53DS-900---071 |
| | | 38HDF036---6 | <u>KSALA0901AAA</u> | KAACH1301AAA | KAAWS0101AAA | N/R | N/R | 53DS-900---071 |

N/R Not Required



MINI-SPLIT AIR CONDITIONERS AND HEAT PUMPS

For additional product information visit: www.fujitsugeneral.com/

WALL MOUNT

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|----------|---|-------------------------|------|--------------------------|-------------------|
| 9RL2 | 115 V Inverter - R410A - 16.0 Seer - 9.0 HSPF - Heat Pump | ASU9RL2 AOU9RL2 | 16 | \$329.26 \$493.36 | \$822.62 |
| 12RL2 | 115 V Inverter - R410A - 16.0 Seer - 9.0 HSPF - Heat Pump | ASU12RL2 AOU12RL2 | 16 | \$353.99 \$531.23 | \$885.22 |
| 9RLFW1 | R410A -23.0 Seer Heat Pump | ASU9RLF1 AOU9RLFW1 | 23 | \$428.68 \$643.27 | \$1071.95 |
| 12RLFW | R410A -22.0 Seer Heat Pump | ASU12RLF1 AOU12RLFW1 | 22 | \$472.32 \$709.01 | \$1,181.34 |
| 9RLS2* | R410A - 27.2 SEER - 12.5 HSPF - Heat Pump | ASU9RLS 2 AOU9RLS2 | 27.2 | \$485.48 \$727.95 | \$1,213.43 |
| 9RLS2H* | R410A - 27.2 SEER - 12.5 HSPF - Heat Pump | ASU9RLS 2 AOU9RLS2H | 27.2 | \$485.48 \$849.45 | \$1,34.94 |
| 12RLS2* | R410A - 25 SEER - 12 HSPF - Heat Pump | ASU12RLS2 AOU12RLS2 | 25 | \$529.13 \$794.22 | \$1,323.35 |
| 12RLS2H* | R410A - 25 SEER - 12 HSPF - Heat Pump | ASU12RLS2 AOU12RLS2H | 25 | \$529.13 \$927.30 | \$1,456.43 |
| 15RLS2* | R410A - 21.5 SEER - 12 HSPF - Heat Pump | ASU15RLS2 AOU15RLS2 | 21.5 | \$567.00 \$851.03 | \$1,418.03 |
| 15RLS2H* | R410A - 21.5 SEER - 12 HSPF - Heat Pump | ASU15RLS2 AOU15RLS2H | 21.5 | \$567.00 \$993.04 | \$1,560.04 |
| 9RLS3 | World's Most Efficient Heat Pump | ASU9RLS3 AOU9RLS3 | | \$495.47 \$742.68 | \$1,238.14 |
| 9RLS3H | Most Efficient Heat Pump | ASU9RLS3 AOU9RLS3H | | \$495.47 \$883.64 | \$1,379.10 |
| 12RLS3 | World's Most Efficient Heat Pump | ASU12RLS3 AOU12RLS3 | | \$540.18 \$810.53 | \$1,350.71 |
| 12RLS3H | Most Efficient Heat Pump | ASU12RLS3 AOU12RLS3H | | \$540.18 \$964.64 | \$1,504.82 |
| 15RLS3 | World's Most Efficient Heat Pump | ASU15RLS3 AOU15RLS3 | | \$578.57 \$868.39 | \$1,446.96 |
| 15RLS3H | Most Efficient Heat Pump | ASU15RLS3 AOU15RLS3H | | \$578.57 \$1,033.01 | \$1,611.58 |
| 18RLB | R410A - 19.0 SEER - Inverter - Heat Pump | ASU18RLB AOU18RLB | 19.0 | \$593.83 \$889.43 | \$1,483.26 |
| 24RLB | R410A - 17.5 SEER - Inverter - Heat Pump | ASU24RLB AOU24RLB | 17.5 | \$655.9 \$983.57 | \$1,639.47 |
| 30RLXB | R410A - 16.5 SEER - Inverter - Heat Pump | ASU30RLB AOU30RLB | 16.5 | \$821.05 \$1,232.36 | \$2,053.42 |
| 36RLXB | R410A - 15.5 SEER - Inverter - Heat Pump | ASU36RLB AOU36RLB | 15.5 | \$1,095.08 \$1,642.62 | \$2,737.70 |

WALL MOUNT

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|---------|---|-------------------------|------|--------------------------|-------------------|
| 18RLXFW | R410A - 19 Seer Heat Pump | ASU18RLF AOU18RLFX | 19 | \$725.84 \$1,039.32 | \$1,765.17 |
| 24RLXFW | R410A - 19 Seer Heat Pump | ASU24RLF AOU24RLFX | 19 | \$773.18 \$1,124.53 | \$1,897.71 |
| 30RLX | R410A - 16 Seer Heat Pump | ASU30RLF AOU30RLFX | 16 | \$893.10 \$1,339.66 | \$2,232.77 |
| 18CL* | R410A - 19.0 Seer Cooling Only - Inverter | ASU18CL AOU18CL | 19.0 | \$564.90 \$846.82 | \$1,411.71 |
| 24CL1* | R410A - 17.5 Seer Cooling Only - Inverter | ASU24CL1 AOU24CL1 | 17.5 | \$655.90 \$983.57 | \$1,639.47 |
| 30CLX1* | R410A - 16.5 Seer Cooling Only - Inverter | ASU30CLX1 AOU30CLX1 | 16.5 | \$781.60 \$1,173.45 | \$1,955.05 |
| 36CLX1* | R410A - 15.5 Seer Cooling Only - Inverter | ASU36CLX1 AOU36CLX1 | 15.5 | \$1,042.48 \$1,564.25 | \$2,606.73 |

FLOOR MOUNT

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|---------|--|-------------------------|------|----------------------|-------------------|
| 9RLFF | R410A - 26.0 Seer - 12.6 HSPF- Heat Pump | AGU9RLF AOU9RLFF | 26 | \$624.86 \$727.95 | \$1,352.81 |
| 9RLFFH | R410A - 26.0 Seer - 12.6 HSPF- Heat Pump | AGU9RLF AOU9RLFFH | 26 | \$624.86 \$849.45 | \$1,352.81 |
| 12RLFF | R410A - 22.7 Seer - 11.6 HSPF- Heat Pump | AGU12RLF AOU12RLFF | 22.7 | \$681.66 \$794.22 | \$1,475.88 |
| 12RLFFH | R410A - 22.7 Seer - 11.3 HSPF- Heat Pump | AGU12RLF AOU12RLFFH | 22.7 | \$681.66 \$927.30 | \$1,608.96 |
| 15RLFF | R410A - 20.3 Seer - 11.2 HSPF- Heat Pump | AGU15RLF AOU15RLFF | 20.3 | \$730.58 \$851.03 | \$1,581.61 |
| 15RLFFH | R410A - 20.3 Seer - 11.0 HSPF- Heat Pump | AGU15RLF AOU15RLFFH | 20.3 | \$730.58 \$993.04 | \$1,723.62 |

UNIVERSAL MOUNT

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|--------|---|-------------------------|------|------------------------|-------------------|
| 18RULX | R410A - 16.0 Seer - 8.2 HSPF- Heat Pump | ABU18RULX AOU18RLX | 16 | \$589.62 \$1,361.22 | \$1,950.84 |
| 24RULX | R410A - 15.0 Seer - 8.2 HSPF- Heat Pump | AGU24RULX AOU24RLX | 15 | \$663.78 \$1,564.78 | \$2,228.56 |

CEILING SUSPENDED

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|---------------|--|--------------------------------|-------------|--------------------------|---------------------|
| 36RSLX | R410A - 14 Seer - 8.5 HSPF - Heat Pump | ABU36RSLX AOU36RLX | 14 | \$1,067.73 \$1,914.55 | \$2,982.27 |

SLIM DUCT

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|---------------|---|--------------------------------|-------------|-------------------------|---------------------|
| 9RLFCD | R410A - 21.5 Seer - 12.2 HSPF - Heat Pump | ARU9RLF AOU9RLFC | 21.5 | \$574.36 \$741.10 | \$1,315.47 |
| 12RLFCD | R410A - 20.0 Seer - 11.5 HSPF - Heat Pump | ARU12RLF AOU12RLFC | 20.0 | \$595.40 \$807.90 | \$1,403.30 |
| 18RLFCD | R410A - 19.7 Seer - 11.3 HSPF - Heat Pump | ARU18RLF AOU18RLFC | 19.7 | \$777.39 \$1,076.68 | \$1,854.06 |

COMPACT CASSETTE

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|---------------|---|--------------------------------|-------------|-------------------------|---------------------|
| 9RLFCC | R410A - 24.0 Seer - 13.0 HSPF - Heat Pump | AUU9RLF AOU9RLFC | 24.0 | \$527.03 \$741.10 | \$1,268.13 |
| 12RLFCC | R410A - 21.9 Seer - 12.2 HSPF - Heat Pump | AUU12RLF AOU12RLFC | 21.9 | \$620.13 \$807.90 | \$1,428.03 |
| 18RLFCC | R410A - 20.1 Seer - 11.5 HSPF - Heat Pump | AUU18RLF AOU18RLFC | 20.1 | \$874.17 \$1,076.88 | \$1,950.84 |

CEILING CASSETTE

| Part # | Description | Indoor/Outdoor Model #s | SEER | Individual Price | System Price |
|---------------|--|--------------------------------|-------------|--------------------------|---------------------|
| 18RCLX | R410A - 16 Seer - 8.5 HSPF - Heat Pump | AUU18RCLX AOU18RLX | 16 | \$1,340.18 \$1,361.22 | \$2,701.40 |
| 24RCLX | R410A - 15 Seer - 8.5 HSPF - Heat Pump | AUU24RCLX AOU24RLX | 15 | \$1,539.00 \$1,564.78 | \$3,103.78 |
| 36RCLX | R410A - 14 Seer - 8.5 HSPF - Heat Pump | AUU36RCLX AOU36RLX | 14 | \$1,934.01 \$1,914.55 | \$3,848.56 |
| 42RCLX | R410A - 15 Seer - 8.5 HSPF - Heat Pump | AUU42RCLX AOU42RLX | 15 | \$2,169.65 \$2,169.65 | \$4,339.30 |

MULTI-ZONE HEAT PUMP COMBINATIONS

| PART # | DESCRIPTION - INDOOR UNITS | PRICE |
|----------|------------------------------------|------------|
| ASU7RLF1 | Wall Mounted - 7,000 - 8,100 | \$386.60 |
| AUU7RLF | Compact Cassette - 7,000 - 8,100 | \$507.04 |
| AUU9RLF | Compact Cassette - 9,000 - 10,200 | \$527.03 |
| AUU12RLF | Compact Cassette - 12,000 - 13,500 | \$620.13 |
| AUU18RLF | Compact Cassette - 18,000 - 20,000 | \$874.17 |
| ARU7RLF | Slim Duct - 7,000 - 8,100 | \$553.86 |
| ARU9RLF | Slim Duct - 9,000 - 10,200 | \$574.36 |
| ARU12RLF | Slim Duct - 12,000 - 13,500 | \$595.40 |
| ARU18RLF | Slim Duct - 18,000 - 20,000 | \$777.39 |
| ARU24RLF | Slim Duct - 24,000 - 27,000 | \$1,019.87 |
| UTG-CCGF | Compact Cassette Grille | \$140.96 |

| PART # | DESCRIPTION - OUTDOOR UNITS | PRICE |
|-------------|--|------------|
| AOU18RLXFZ | R410A - 18,000 BTU | \$1,202.91 |
| AOU24RLXFZ | R410A - 24,000 BTU | \$1,366.48 |
| AOU36RLXFZ | R410A - 36,000 BTU - Up to 16 Seer | \$2,120.21 |
| AOU36R1XFZ1 | R410A - 36,000 BTU - Up to 18 Seer | \$2,120.21 |
| AOU48RLXFZ1 | R410A - 48,000 BTU | \$2,446.83 |
| AOU18RLXFZH | R410A - 18,000 BTU - Extra Low Temperature Heating | \$1,680.49 |
| AOU24RLXFZH | R410A - 24,000 BTU - Extra Low Temperature Heating | \$1,978.19 |
| UTP-PU03A | 3 EEV Branch Box - Primary | \$318.22 |
| UTP-PU03B | 3 EEV Branch Box - Secondary | \$287.71 |
| UTP-SX248A | Separation Tube Assembly Kit | \$91.00 |
| UTP-PX-A | Branch Box Outdoor Enclosure | \$225.12 |

***While Supplies Last**

ACCESSORIES

| Part # | Description | Price |
|------------------|--|----------|
| 40680200B6B3W144 | 1/4X3/8X20 LS W/CABLE Lineset | Call |
| 40680300B6B3W144 | 1/4X3/8X30 LS W/CABLE Lineset | Call |
| 40680500B6B3W144 | 1/4X3/8X50 LS W/CABLE Lineset | Call |
| 40880300B6B3W144 | 1/4X1/2X30 LS W/CABLE Lineset | Call |
| 40880500B6B3W144 | 1/4X1/2X50 LS W/CABLE Lineset | Call |
| 41080200B6B3W144 | 1/4X5/8X20 LS W/CABLE Lineset | Call |
| 41080300B6B3W144 | 1/4X5/8X30 LS W/CABLE Lineset | Call |
| 41080500B6B3W144 | 1/4X5/8X50 LS W/CABLE Lineset | Call |
| 61080200B6B3W144 | 3/8X5/8X20 LS W/CABLE Lineset | Call |
| 61080300B6B3W144 | 3/8X5/8X30 LS W/CABLE Lineset | Call |
| 61080500B6B3W144 | 3/8X5/8X50 LS W/CABLE Lineset | Call |
| K9R410A55 | R410A Swivel Hose Connection Fitting | \$6.26 |
| LDK122W | Wall Duct Line Hide - Complete Kit | \$58.00 |
| ASP-MO-UNI | 230V Mini-Split Condensate Pump | \$104.99 |
| ASP-MW-UNI | Mini & Maxi Condensate Pump White 115/230v | \$130.33 |
| CVMINI | 115V Mini Clearview Condensate Pump | \$00.49 |



E-TAC

ENGINEERED TERMINAL AIR CONDITIONER



INTRODUCING THE FULLY-ENGINEERED TERMINAL AIR CONDITIONER

- PRESET ADJUSTABLE FACTORY TEMPERATURE LIMITS PUTS ENERGY CONTROL AND SAVINGS INTO YOUR HANDS
- INDUSTRY'S LONGEST STANDARD WARRANTY
- LARGEST ACCESSORY OFFERING TO COMPLEMENT EVERY ARCHITECTURAL STRUCTURE
- THE E-TAC WILL RETROFIT INTO MOST COMPETITIVE WALL SLEEVES WITHOUT A KIT
- DRY-MODE DEHUMIDIFICATION OPTION HELPS CONTROL INTERIOR MOISTURE PROBLEMS
- NEW INFRA-RED REMOTE OPTION FOR ENHANCED OPERATION
- PROGRAMMABLE SLEEP TIMER MODE AUTOMATICALLY TURNS UNIT OFF



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**E-TAC DELIVERS ENHANCED
FUNCTIONALITY, QUIET OPERATION
AND SUPERIOR ENERGY EFFICIENCY.**

E-TAC
ENGINEERED TERMINAL AIR CONDITIONER

SPECIFICALLY DESIGNED TO MEET THE RIGOROUS DEMANDS OF HOSPITALITY, HEALTHCARE AND SPECIALTY RESIDENTIAL INSTALLATIONS, E-TAC'S SMART TECHNOLOGY PUTS ENERGY CONTROL AND SAVINGS INTO YOUR HANDS. BACKED BY THE LONGEST STANDARD WARRANTY IN THE INDUSTRY, THE E-TAC SERIES ALSO OFFERS THE MOST COMPLETE LINE OF ACCESSORIES AVAILABLE. FEATURES INCLUDE A DRY MODE, PRE-PROGRAMMED SETPOINT LIMITS AND IR REMOTE CAPABILITY. AVAILABLE IN HEAT/COOL AND HEAT PUMP MODELS WITH SIZES RANGING FROM 7000 TO 15,000 BTUS, THE E-TAC SERIES IS THE IDEAL CHOICE FOR SUPERIOR PERFORMANCE AND ENERGY SAVINGS.

**FEATURING
THE INDUSTRY'S
LONGEST
STANDARD
WARRANTY**

- Five years Parts & Labor Coverage on the sealed refrigeration system
- Five years Limited Parts Coverage on functional parts
- Two years Labor Coverage on functional parts



E-TAC MODELS

| PART NUMBER | DESCRIPTION | PART NUMBER | DESCRIPTION |
|---------------------------|---------------------|---------------------------|---------------------|
| HEAT/COOL 208-230V | | HEAT PUMP 208-230V | |
| ETAC-07HC230V20A-A | 7000 BTU, 208/230V | ETAC-07HP230V20A-A | 7000 BTU, 208/230V |
| ETAC-09HC230V20A-A | 9000 BTU, 208/230V | ETAC-09HP230V20A-A | 9000 BTU, 208/230V |
| ETAC-12HC230V20A-A | 12000 BTU, 208/230V | ETAC-12HP230V20A-A | 12000 BTU, 208/230V |
| ETAC-12HC230V30A-A | 12000 BTU, 208/230V | ETAC-12HP230V30A-A | 12000 BTU, 208/230V |
| ETAC-15HC230V20A-A | 15000 BTU, 208/230V | ETAC-15HP230V20A-A | 15000 BTU, 208/230V |
| ETAC-15HC230V30A-A | 15000 BTU, 208/230V | ETAC-15HP230V30A-A | 15000 BTU, 208/230V |
| HEAT/COOL 265V | | HEAT PUMP 265V | |
| ETAC-07HC265V20A-A | 7000 BTU, 265V | ETAC-07HP265V20A-A | 7000 BTU, 265V |
| ETAC-09HC265V20A-A | 9000 BTU, 265V | ETAC-09HP265V20A-A | 9000 BTU, 265V |
| ETAC-12HC265V20A-A | 12000 BTU, 265V | ETAC-12HP265V20A-A | 12000 BTU, 265V |
| ETAC-12HC265V30A-A | 12000 BTU, 265V | ETAC-12HP265V30A-A | 12000 BTU, 265V |
| ETAC-15HC265V20A-A | 15000 BTU, 265V | ETAC-15HP265V20A-A | 15000 BTU, 265V |
| ETAC-15HC265V30A-A | 15000 BTU, 265V | ETAC-15HP265V30A-A | 15000 BTU, 265V |

*E-TAC units feature an attached power cord.



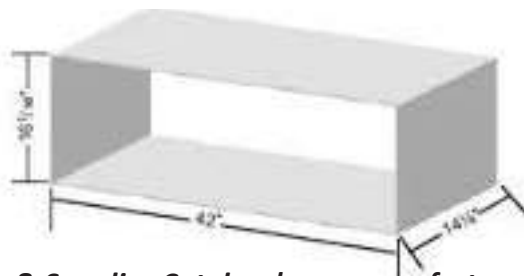
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Click the QR code with your phone
for fast access to more information.

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| Part # | Description | List Price |
|--------------------|--|----------------------|
| ETAC-07HC230V20A-A | 7,600/7,700 Cooling - 8,300/10,200 Heating | \$544. ⁰⁰ |
| ETAC-09HC230V20A-A | 8,800/9,000 Cooling - 8,300/10,200 Heating | \$560. ⁰⁰ |
| ETAC-12HC230V20A-A | 11,800/12,000 Cooling - 8,300/10,200 Heating | \$585. ⁰⁰ |
| ETAC-12HC230V30A-A | 11,800/12,000 Cooling - 13,900/17,000 Heating | \$599. ⁰⁰ |
| ETAC-15HC230V20A-A | 14,600/15,000 Cooling - 8,300/10,200 Heating | \$615. ⁰⁰ |
| ETAC-15HC230V30A-A | 14,600/15,000 Cooling - 13,600/17,000 Heating | \$630. ⁰⁰ |
| ETAC-07HP230V20B-A | 7,600/7,700 Cooling - 8,300/10,200 Heating | \$567. ⁰⁰ |
| ETAC-09HP230V20B-A | 8,800/9,000 Cooling - 8,300/10,200 Heating | \$586. ⁰⁰ |
| ETAC-12HP230V20A-A | 11,800/12,000 Cooling - 8,300/10,200 Heating | \$611. ⁰⁰ |
| ETAC-12HP230V30A-A | 11,800/12,000 Cooling - 13,900/17,000 Heating | \$622. ⁰⁰ |
| ETAC-15HP230V20B-A | 14,600/15,000 Cooling - 8,300/10,200 Heating | \$640. ⁰⁰ |
| ETAC-15HP230V30B-A | 14,600/15,000 Cooling - 13,600/17,000 Heating | \$651. ⁰⁰ |
| ETAC-07HC265V20B-A | 7,200 Cooling - 10,200 Heating | \$548. ⁰⁰ |
| ETAC-09HC265V20A-A | 9,000 Cooling - 10,200 Heating | \$561. ⁰⁰ |
| ETAC-12HC265V20A-A | 12,000 Cooling - 10,200 Heating | \$592. ⁰⁰ |
| ETAC-12HC265V30A-A | 12,000 Cooling - 17,000 Heating | \$609. ⁰⁰ |
| ETAC-15HC265V20A-A | 15,000 Cooling - 10,200 Heating | \$635. ⁰⁰ |
| ETAC-15HC265V30A-A | 15,000 Cooling - 17,000 Heating | \$651. ⁰⁰ |
| ETAC-07HP265V20B-A | 7,200 Cooling - 10,200 Heating | \$563. ⁰⁰ |
| ETAC-09HP265V20A-A | 9,000 Cooling - 10,200 Heating | \$594. ⁰⁰ |
| ETAC-12HP265V20A-A | 12,000 Cooling - 10,200 Heating | \$618. ⁰⁰ |
| ETAC-12HP265V30A-A | 12,000 Cooling - 17,000 Heating | \$630. ⁰⁰ |
| ETAC-15HP265V20A-A | 15,000 Cooling - 10,200 Heating | \$660. ⁰⁰ |
| ETAC-15HP265V30A-A | 15,000 Cooling - 17,000 Heating | \$672. ⁰⁰ |
| SLEEVE-INSUL-1PK | Plastic Insulated Wall Sleeve 42 x 14 3/4 x 16 | \$79. ⁰⁰ |
| PTAC-SLEEVE-SE-INS | Snap-Ease Wall Sleeve 42 x 14 3/4 x 16 | \$79. ⁰⁰ |
| GRILLE-ALU-STAMP | Stamped Aluminum Exterior Grille, Clear Finish | \$23. ⁰⁰ |

**Contact your local branch for other accessory options



| PART # | PRICE |
|---------|------------------------|
| UDAP30 | \$609. ¹⁵ |
| UDAP45 | \$633. ²⁵ |
| UDAP60 | \$667. ²³ |
| UDAP75 | \$699. ³⁵ |
| UDAP100 | \$799. ⁴⁴ |
| UDAP125 | \$901. ³⁸ |
| UDAP150 | \$960. ⁰⁷ |
| UDAP175 | \$1,066. ³³ |
| UDAP200 | \$1,142. ³² |
| UDAP225 | \$1,234. ³⁸ |
| UDAP250 | \$1,328. ²⁸ |
| UDAP300 | \$1,588. ⁹⁸ |
| UDAP350 | \$1,801. ¹⁹ |
| UDAP400 | \$1,941. ¹³ |



| LP PART # | FITS | PRICE |
|-----------|-----------|---------------------|
| 269835 | 30 - 45 | \$59. ⁰⁷ |
| 269836 | 60 - 75 | \$77. ³³ |
| 269837 | 100 - 125 | \$77. ³³ |
| 269838 | 150 - 175 | \$77. ³³ |
| 269839 | 200 - 250 | \$77. ³³ |
| 201732 | 300 - 400 | \$77. ³³ |

Model UDAP

| Size | | 30 | 45 | 60 | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 |
|---|------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Input Heating Capacity | BTUH | 30,000 | 45,000 | 60,000 | 75,000 | 105,000 | 120,000 | 150,000 | 175,000 | 200,000 | 225,000 | 250,000 | 300,000 | 350,000 | 400,000 |
| | kW/h | 8.8 | 13.2 | 17.6 | 22.0 | 30.8 | 35.2 | 43.9 | 51.2 | 58.6 | 65.9 | 73.2 | 87.8 | 102.5 | 117.1 |
| Thermal Efficiency (%) | | 82 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 |
| Output Heating Capacity ^A | BTUH | 24,600 | 37,350 | 49,800 | 62,250 | 87,150 | 99,600 | 124,500 | 145,250 | 166,000 | 186,750 | 207,500 | 249,000 | 290,500 | 332,000 |
| | kW/h | 7.2 | 11.0 | 14.6 | 18.3 | 25.6 | 29.2 | 36.4 | 42.5 | 48.6 | 54.7 | 60.8 | 72.9 | 85.1 | 97.2 |
| Gas Connection (inches) ^B | Natural | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| | Propane | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| Vent Connection Size ^C (inches diameter) | | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| Control Amps (24 volt) | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Full Load Amps (115 volt) | | 1.9 | 2.4 | 2.4 | 3.3 | 3.9 | 5.1 | 3.8 | 3.8 | 4.6 | 7.5 | 7.5 | 11.0 | 11.0 | 11.0 |
| Maximum Over Current Protection (115V) ^D | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 20 | 20 | 20 |
| Normal Power Consumption (watts) | | 109 | 155 | 155 | 217 | 276 | 354 | 392 | 392 | 491 | 747 | 747 | 1086 | 1086 | 1086 |
| Discharge Air Temperature Rise (°F) | | 50 | 55 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Air Volume | CFM | 456 | 629 | 769 | 961 | 1345 | 1537 | 1921 | 2242 | 2562 | 2882 | 3202 | 3843 | 4483 | 5123 |
| | M ³ /minute | 12.9 | 17.8 | 21.8 | 27.5 | 36.7 | 45.9 | 54.4 | 63.5 | 72.5 | 81.6 | 90.7 | 108.8 | 126.9 | 145.1 |
| Discharge Air Opening Area | ft ² | 0.96 | 0.96 | 1.25 | 1.25 | 2.01 | 2.01 | 2.56 | 2.56 | 2.56 | 3.51 | 3.51 | 4.79 | 4.79 | 4.79 |
| | M ² | 0.09 | 0.09 | 0.12 | 0.12 | 0.19 | 0.19 | 0.24 | 0.24 | 0.24 | 0.33 | 0.33 | 0.45 | 0.45 | 0.45 |
| Output Velocity | FPM | 475 | 656 | 616 | 770 | 668 | 763 | 752 | 877 | 1003 | 820 | 911 | 802 | 936 | 1069 |
| | M/minute | 145 | 200 | 188 | 238 | 196 | 245 | 229 | 267 | 306 | 250 | 278 | 244 | 285 | 326 |
| Fan Motor HP ^E | Open | 0.02 | 0.03 | 0.03 | 0.06 | 1/30 | 1/20 | 1/6 | 1/6 | 1/6 | 1/4 | 1/4 | 1/2 | 1/2 | 1/2 |
| | Enclosed | 0.06 | 0.06 | 0.06 | 0.06 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/2 | 1/2 | 1/2 |
| Fan Motor RPM | | 1550 | 1550 | 1550 | 1550 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 |
| Fan Diameter (inches) | | 10 | 10 | 12 | 12 | 16 | 16 | 18 | 18 | 18 | 20 | 20 | 24 | 24 | 24 |
| Sound Level | dBA @ 15 ft | 40 | 40 | 40 | 49 | 54 | 55 | 51 | 52 | 53 | 56 | 56 | 59 | 61 | 62 |
| | | | | | | | | | | | | | | | |
| Approximate Net Weight | lbs | 54 | 59 | 67 | 72 | 96 | 101 | 172 | 187 | 187 | 203 | 215 | 269 | 294 | 306 |
| | kg | 24 | 27 | 30 | 33 | 44 | 46 | 78 | 85 | 85 | 92 | 98 | 122 | 133 | 139 |
| Approximate Ship Weight | lbs | 61 | 66 | 74 | 79 | 118 | 123 | 204 | 219 | 219 | 245 | 257 | 321 | 346 | 358 |
| | kg | 27 | 30 | 33 | 36 | 54 | 56 | 93 | 100 | 100 | 111 | 117 | 146 | 157 | 163 |

^A CSA rating for altitudes to 2000 ft.

^B Size shown is for gas connection to a single stage gas valve, not supply line size.

^C Smaller or larger vent pipe diameters may be allowed; refer to the Venting Installation Manual, Form I-V-PV. If vent diameter is different from vent connection, reducer/enlargers will be field-required.

^D MODP = 2.25 x (largest motor FLA) + smallest motor FLA. Answer is rounded to the nearest commercially available circuit breaker.

^E All other information in this table is based on a heater equipped with a standard 115 volt open fan motor.

MODEL UA STANDARD HIGH EFFICIENCY HEATER



STANDARD EQUIPMENT INCLUDES:

- Burner housing assembly with hinged cover
- Aluminized combustion tube with gasket
- Combustion air inlet collar
- Baffles as required
- Hot rolled tube, parabolic aluminum reflectors, end caps, heavy duty couplings, and hanging accessories per specified length

| Part # | Capacity | Tube Length | Price |
|---------|-------------|-------------|------------------------|
| UA06N2S | 60,000 BTU | 20' | \$1,039. ¹⁰ |
| UA06N3S | 60,000 BTU | 30' | \$1,176. ⁶⁹ |
| UA08N2S | 80,000 BTU | 20' | \$1,079. ⁰³ |
| UA08N3S | 80,000 BTU | 30' | \$1,216. ⁶² |
| UA08N4S | 80,000 BTU | 40' | \$1,272. ⁵⁴ |
| UA10N2S | 100,000 BTU | 20' | \$1,079. ⁰³ |
| UA10N3S | 100,000 BTU | 30' | \$1,216. ⁶² |
| UA10N4S | 100,000 BTU | 40' | \$1,272. ⁵⁴ |
| UA12N3S | 125,000 BTU | 30' | \$1,226. ⁹³ |
| UA12N4S | 125,000 BTU | 40' | \$1,370. ⁵¹ |
| UA12N5S | 125,000 BTU | 50' | \$1,530. ⁷⁰ |
| UA17N5S | 175,000 BTU | 50' | \$1,553. ⁵⁷ |
| UA17N6S | 175,000 BTU | 60' | \$1,643. ⁴³ |
| UA20N6S | 205,000 BTU | 60' | \$1,653. ⁴⁰ |

ACCESSORIES

| Part # | Description | Price |
|--------|--|----------------------|
| CE014 | Line volt thermostat | \$21. ⁹⁴ |
| CT011 | Vent terminal 4" | \$78. ¹² |
| CS006 | Wall thimble 4" | \$62. ⁸⁴ |
| CG134 | LP Kit 60,000 BTU NG-LP | \$7. ⁸⁸ |
| CG135 | LP Kit 80,000 BTU NG-LP | \$7. ⁸⁸ |
| CG136 | LP Kit 100,000 BTU NG-LP | \$7. ⁸⁸ |
| CG137 | LP Kit 125,000 BTU NG-LP | \$7. ⁸⁸ |
| CG138 | LP Kit 150,000 BTU NG-LP | \$7. ⁸⁸ |
| CG139 | LP Kit 175,000 BTU NG-LP | \$7. ⁸⁸ |
| CG140 | LP Kit 205,000 BTU NG-LP | \$7. ⁸⁸ |
| CG120 | NG to LP Conversion Kit | \$8. ⁹⁷ |
| CG012 | 24" x 1/2" Flex Connector- Up to 150 MBH | \$28. ⁹⁴ |
| CG024 | 36" x 3/4" Flex Connector- 175 MBH & up | \$113. ³⁸ |

FITTINGS & SHEET METAL

NYLON FITTINGS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|--|-----------------|------------------|
| MA-22065 | 1/2" Barb x 3/4" FPT Elbow - 4/pk | \$5.90 | \$5.39 |
| MA-22117 | 1/2" Barb x 3/4" MPT Elbow - 4/pk | \$3.54 | \$3.25 |
| MA-22153 | 1/2" Barb 90 - 4/pk | \$2.98 | \$2.80 |
| MA-22160 | 1/2" Barb Tee - 4/pk | \$2.69 | \$2.46 |
| MA-22012 | 5/8" Barb x 3/4" MPT Straight Adapter - 4/pk | \$3.12 | \$2.80 |
| MA-22064 | 5/8" Barb x 3/4" FPT 90 Degreee Elbow - 4/pk | \$6.40 | \$5.87 |
| MA-22120 | 5/8" Barb x 3/4" MPT - 4/pk | \$3.71 | \$3.40 |
| MA-22154 | 5/8" Barb 90 - 4/pk | \$2.77 | \$2.54 |
| MA-22161 | 5/8" Barb Tee - 4/pk | \$3.42 | \$3.14 |
| MA-22186 | 5/8" Barb x 3/4" FPT Straight Adapter - 4/pk | \$4.25 | \$3.89 |
| MA-22014 | 3/4" Barb x 3/4" MPT Straight Adapter - 4/pk | \$2.37 | \$2.19 |
| MA-22122 | 3/4" Barb x 3/4" MPT Elbow - 4/pk | \$3.80 | \$3.48 |
| MA-22187 | 3/4" Barb x 3/4" FPT Straight Adapter - 4/pk | \$3.74 | \$3.43 |

BASSET HANGERS & BRACKETS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|-------------------------------|-----------------|------------------|
| BH-8 | 8" HANGER C-AIR 100/box | \$31.21 | \$29.19 |
| BH-9 | 9" HANGER W-AIR 100/box | \$34.55 | \$32.30 |
| BH-10 | 10" DUCT HANGER W-AIR 100/box | \$42.61 | \$39.85 |
| A-125 | 12"-19" BRACKET 25/box | \$19.62 | \$18.26 |
| A-150 | 12"-19" BRACKET 50/box | \$37.13 | \$35.59 |

VENTS & HOODS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|--------------------------|-----------------|------------------|
| SVHUW4 | 4" WHITE HOOD ASSEMBLY | \$2.50 | \$2.19 |
| SVHUB4 | 4" BROWN HOOD ASSEMBLY | \$2.71 | \$2.30 |
| RVHUW4 | 4" WIDE VENT/PIPE/COLLAR | \$2.89 | \$2.47 |
| RVHUB4 | 4" WIDE MOUTH HOOD | \$2.89 | \$2.47 |
| HSM6W | 6" FRESH AIR INTAKE VENT | \$4.14 | \$3.55 |
| DVBOX | DRYER BOX | \$17.34 | \$16.21 |

THERMOPAN

| Part # | Description | In Season Price | Pre-Season Price |
|----------|----------------------------|-----------------|------------------|
| TP-16012 | 16x12 THERMO HEADER | \$0.96 | \$0.90 |
| TP-16016 | 16x16 THERMO HEADER | \$1.31 | \$1.23 |
| 16020 | 16x19 HEADER I-JOIST | \$3.48 | \$3.17 |
| 14630 | 30x6 THERMO AIR FRAME | \$1.90 | \$1.74 |
| TP-16048 | 16x48 THERMOPAN - 25/box | \$3.15 | \$2.94 |
| 19048 | 19.5x48 THERMOPAN - 50/box | \$3.28 | \$3.00 |

SHEET METAL



T-BAR DIFFUSERS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|----------------------------|-----------------|------------------|
| MFLC3C6 | FIXED PATTERN DIFFUSER 6" | \$33.98 | \$32.12 |
| MFLC3C8 | FIXED PATTERN DIFFUSER 8" | \$26.57 | \$25.43 |
| MFLC3C10 | FIXED PATTERN DIFFUSER 10" | \$34.75 | \$32.12 |
| MFLC3C12 | FIXED PATTERN DIFFUSER 12" | \$27.38 | \$26.21 |

SIDEWALL-CEILING REGISTERS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|--|-----------------|------------------|
| CSSCR104W2 | 10X4 SIDEWALL/CEILING REGISTER - 20/case | \$2.52 | \$2.41 |
| CSSCR106W2 | 10X6 SIDEWALL/CEILING REGISTER - 20/case | \$3.28 | \$3.14 |
| CSSCR124W2 | 12X4 SIDEWALL/CEILING REGISTER - 20/case | \$3.05 | \$2.93 |
| CSSCR126W2 | 12X6 SIDEWALL/CEILING REGISTER - 20/case | \$3.72 | \$3.56 |

RETURN AIR GRILLE

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|----------------------------------|-----------------|------------------|
| MF3RG146W | 14X6 RETURN AIR GRILLE - 20/case | \$2.30 | \$1.95 |
| MF3RG246W | 24X6 RETURN AIR GRILLE - 20/case | \$4.12 | \$3.94 |
| MF3RG306W | 30X6 RETURN AIR GRILLE - 10/case | \$5.70 | \$5.46 |

FLOOR DIFFUSERS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|-------------------------------------|-----------------|------------------|
| CSFR210B | 2X10 BROWN FLOOR REGISTER - 30/case | \$2.19 | \$2.10 |
| CSFR210W | 2X10 WHITE FLOOR REGISTER - 30/case | \$2.19 | \$2.10 |
| CSFR212B | 2X12 BROWN FLOOR REGISTER - 30/case | \$2.21 | \$2.11 |
| CSFR212W | 2X12 WHITE FLOOR REGISTER - 30/case | \$2.21 | \$2.11 |
| CSFR410B | 4X10 BROWN FLOOR REGISTER - 20/case | \$2.31 | \$2.21 |
| CSFR410W | 4X10 WHITE FLOOR REGISTER - 20/case | \$2.31 | \$2.21 |

CHIMNEY LINER

| Part # | Description | In Season Price | Pre-Season Price |
|----------|------------------------|-----------------|------------------|
| MLKE0325 | 3IN 25FT CHIMNEY LINER | \$59.83 | \$54.26 |
| MLKE0425 | 4IN 25FT CHIMNEY LINER | \$70.84 | \$64.24 |
| MLKE0525 | 5IN 25FT CHIMNEY LINER | \$82.30 | \$74.63 |
| MLKE0625 | 6IN 25FT CHIMNEY LINER | \$98.79 | \$89.47 |
| MLKE0335 | 3IN 35FT CHIMNEY LINER | \$71.24 | \$64.60 |
| MLKE0435 | 4IN 35FT CHIMNEY LINER | \$85.69 | \$77.70 |
| MLKE0535 | 5IN 35FT CHIMNEY LINER | \$100.82 | \$91.44 |
| MLKE0635 | 6IN 35FT CHIMNEY LINER | \$119.88 | \$108.72 |

SHEET METAL SCREWS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|----------------------------------|-----------------|------------------|
| HW7X1/2Z | MALCO ZIP-IN SCREWS - 15,000/pk | \$239.57 | \$223.61 |
| HW7X1/2ZT | MALCO ZIP-IN SCREWS - 1,000/pk | \$17.49 | \$16.31 |
| HW8X1/2Z | MALCO ZIPIN SCREWS - 12,000/pk | \$212.39 | \$188.62 |
| HW8X1/2ZT | MALCO ZIP-IN SCREWS - 1,000/pk | \$19.19 | \$17.04 |
| BT131T | MALCO BIT-TIP SCREWS - 1,000/pk | \$29.18 | \$28.05 |
| BT133 | MALCO BIT-TIP SCREWS - 10,000/pk | \$359.01 | \$335.07 |
| HW8X3/4Z | MALCO ZIP-IN SCREWS - 10,000/pk | \$253.62 | \$229.63 |
| HW8X3/4ZT | MALCO ZIP-IN SCREWS - 1,000/pk | \$26.70 | \$24.19 |

FLEX DUCT

UV INHIBITED JACKET FLEX DUCT

| Part # | Description | In Season Price | Pre-Season Price |
|---------------|---|-----------------|------------------|
| FD-4x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 4" R8 insulation | \$23.82 | \$21.85 |
| FD-5x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 5" R8 insulation | \$29.62 | \$27.17 |
| FD-6x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 6" R8 insulation | \$26.63 | \$24.36 |
| FD-7x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 7" R8 insulation | \$29.32 | \$26.83 |
| FD-8x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 8" R8 insulation | \$35.24 | \$32.24 |
| FD-9x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 9" R8 insulation | \$42.80 | \$39.27 |
| FD-10x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 10" R8 insulation | \$42.81 | \$39.17 |
| FD-12x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 12" R8 insulation | \$52.58 | \$48.10 |
| FD-14x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 14" R8 insulation | \$81.73 | \$72.12 |
| FD-16x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 16" R8 insulation | \$89.41 | \$83.60 |
| FD-18x25-R8BV | 25' Bag UV Inhibited Jacket Flexduct 18" R8 insulation | \$106.24 | \$93.75 |
| FD-4x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 4" R6 insulation | \$17.81 | \$16.33 |
| FD-5x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 5" R6 insulation | \$21.35 | \$19.58 |
| FD-6x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 6" R6 insulation | \$23.32 | \$21.33 |
| FD-7x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 7" R6 insulation | \$27.75 | \$25.39 |
| FD-8x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 8" R6 insulation | \$25.51 | \$23.33 |
| FD-9x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 9" R6 insulation | \$34.59 | \$31.73 |
| FD-10x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 10" R6 insulation | \$32.01 | \$29.28 |
| FD-12x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 12" R6 insulation | \$40.95 | \$37.46 |
| FD-14x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 14" R6 insulation | \$55.43 | \$48.91 |
| FD-16x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 16" R6 insulation | \$69.88 | \$61.65 |
| FD-18x25-R6BV | 25' Bag UV Inhibited Jacket Flexduct 18" R6 insulation | \$79.80 | \$70.42 |
| FD-4x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 4" R4.2 insulation | \$13.90 | \$13.03 |
| FD-5x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 5" R4.2 insulation | \$18.59 | \$17.05 |
| FD-6x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 6" R4.2 insulation | \$17.58 | \$16.08 |
| FD-7x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 7" R4.2 insulation | \$19.11 | \$17.48 |
| FD-8x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 8" R4.2 insulation | \$21.34 | \$19.52 |

FLEX DUCT

UV INHIBITED JACKET FLEX DUCT

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|--|-----------------|------------------|
| FD-9x25-R42FB | 25' Bag UV Inhibited Jacket Flexduct 9" R4.2 insulation | \$32.28 | \$29.91 |
| FD-10x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 10" R4.2 insulation | \$31.32 | \$28.66 |
| FD-12x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 12" R4.2 insulation | \$38.23 | \$34.97 |
| FD-14x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 14" R4.2 insulation | \$55.66 | \$51.72 |
| FD-16x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 16" R4.2 insulation | \$62.05 | \$57.65 |
| FD-18x25-R42BV | 25' Bag UV Inhibited Jacket Flexduct 18" R4.2 insulation | \$70.87 | \$65.85 |

RIP STOP SILVER JACKET FLEX DUCT

| Part # | Description | In Season Price | Pre-Season Price |
|---------------|---|-----------------|------------------|
| FD-4x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 4" R8 insulation | \$24.36 | \$22.33 |
| FD-5x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 5" R8 insulation | \$26.80 | \$24.57 |
| FD-6x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 6" R8 insulation | \$32.63 | \$29.86 |
| FD-7x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 7" R8 insulation | \$49.58 | \$45.38 |
| FD-8x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 8" R8 insulation | \$37.75 | \$34.53 |
| FD-9x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 9" R8 insulation | \$38.29 | \$35.10 |
| FD-10x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 10" R8 insulation | \$40.16 | \$36.72 |
| FD-12x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 12" R8 insulation | \$49.32 | \$45.09 |
| FD-14x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 14" R8 insulation | \$74.12 | \$68.83 |
| FD-16x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 16" R8 insulation | \$87.35 | \$81.11 |
| FD-18x25-R8F | 25' Bag Rip Stop Silver Jacket Flexduct 18" R8 insulation | \$103.35 | \$95.97 |
| FD-4x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 4" R6 insulation | \$17.43 | \$15.98 |
| FD-5X25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 5" R6 insulation | \$20.32 | \$18.63 |
| FD-6x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 6" R6 insulation | \$26.32 | \$24.09 |
| FD-7x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 7" R6 insulation | \$24.19 | \$22.12 |
| FD-8x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 8" R6 insulation | \$26.20 | \$23.96 |
| FD-9x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 9" R6 insulation | \$30.89 | \$28.31 |
| FD-10x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 10" R6 insulation | \$32.81 | \$29.99 |
| FD-12x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 12" R6 insulation | \$40.89 | \$37.39 |
| FD-14x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 14" R6 insulation | \$59.87 | \$55.59 |
| FD-16x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 16" R6 insulation | \$69.50 | \$64.54 |
| FD-18x25-R6F | 25' Bag Rip Stop Silver Jacket Flexduct 18" R6 insulation | \$80.52 | \$74.77 |
| FD-4x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 4" R4.2 insulation | \$15.96 | \$14.63 |
| FD-5X25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 5" R4.2 insulation | \$18.16 | \$16.65 |
| FD-6x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 6" R4.2 insulation | \$19.37 | \$17.71 |
| FD-7x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 7" R4.2 insulation | \$21.47 | \$19.63 |
| FD-8x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 8" R4.2 insulation | \$23.83 | \$21.79 |
| FD-9x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 9" R4.2 insulation | \$27.49 | \$25.20 |
| FD-10x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 10" R4.2 insulation | \$28.44 | \$26.01 |
| FD-12x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 12" R4.2 insulation | \$34.18 | \$31.25 |
| FD-14x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 14" R4.2 insulation | \$51.26 | \$47.60 |
| FD-16x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 16" R4.2 insulation | \$60.10 | \$55.81 |
| FD-18x25-R42F | 25' Bag Rip Stop Silver Jacket Flexduct 18" R4.2 insulation | \$71.36 | \$66.37 |

PIPE

| Part # | Description | In Season Price | Pre-Season Price |
|----------|-------------------------------|-----------------|------------------|
| 1-03026C | 3" 26 Gauge 2' Pipe - 20/ctn | \$3.06 | \$2.63 |
| 1-04026C | 4" 26 Gauge 2' Pipe - 20/ctn | \$3.13 | \$2.69 |
| 1-10026C | 10" 26 Gauge 2' Pipe - 10/ctn | \$8.25 | \$7.48 |
| 1-04020C | 4" 30 Gauge 2' Pipe - 25/ctn | \$2.36 | \$2.03 |
| 1-06020C | 6" 30 Gauge 2' Pipe - 25/ctn | \$3.45 | \$2.97 |
| 1-07020C | 7" 30 Gauge 2' Pipe - 25/ctn | \$4.22 | \$3.83 |
| 1-04056C | 4" 26 Gauge 5' Pipe - 10/ctn | \$5.51 | \$5.26 |
| 1-05056C | 5" 26 Gauge 5' Pipe - 10/ctn | \$8.24 | \$7.47 |
| 1-06056C | 6" 26 Gauge 5' Pipe - 10/ctn | \$7.51 | \$6.45 |
| 1-07056C | 7" 26 Gauge 5' Pipe - 10/ctn | \$11.16 | \$10.11 |
| 1-08056C | 8" 26 Gauge 5' Pipe - 10/ctn | \$11.10 | \$9.54 |
| 1-10056B | 10" 26 Gauge 5' Pipe - 5/ctn | \$15.71 | \$14.23 |
| 1-12056B | 12" 26 Gauge 5' Pipe - 5/ctn | \$17.12 | \$15.52 |
| 1-14056B | 14" 26 Gauge 5' Pipe - 5/ctn | \$22.98 | \$20.83 |
| 1-03050C | 3" 30 Gauge 5' Pipe - 10/ctn | \$4.31 | \$3.91 |
| 1-04050C | 4" 30 Gauge 5' Pipe - 10/ctn | \$2.94 | \$2.81 |
| 1-05050C | 5" 30 Gauge 5' Pipe - 10/ctn | \$4.10 | \$3.53 |
| 1-06050C | 6" 30 Gauge 5' Pipe - 10/ctn | \$3.24 | \$3.09 |
| 1-07050C | 7" 30 Gauge 5' Pipe - 10/ctn | \$4.47 | \$4.27 |
| 1-08050C | 8" 30 Gauge 5' Pipe - 10/ctn | \$5.29 | \$5.06 |
| 1-09050C | 9" 30 Gauge 5' Pipe - 5/ctn | \$10.34 | \$9.38 |
| 1-10050B | 10" 30 Gauge 5' Pipe - 5/ctn | \$8.68 | \$7.96 |
| 1-12050B | 12" 30 Gauge 5' Pipe - 5/ctn | \$12.90 | \$11.11 |
| 1-04100B | 14" 30 Gauge 5' Pipe - 5/ctn | \$7.46 | \$6.41 |
| 1-05100B | 5" 30 Gauge 10' Pipe - 5/ctn | \$8.21 | \$7.05 |
| 1-06100C | 6" 30 Gauge 10' Pipe - 5/ctn | \$6.47 | \$6.18 |
| 1-07100B | 7" 30 Gauge 10' Pipe - 5/ctn | \$11.34 | \$9.74 |



Self starting crimp is knurled sufficiently so that the crimp "falls in" and yet once assembled completes a rigid, leak proof connection

ELBOWS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|---------------------------------------|-----------------|------------------|
| 3-036 | Elbow 3" 26 Gauge 90 Degree - 12/ctn | \$2.37 | \$2.27 |
| 3-046 | Elbow 4" 26 Gauge 90 Degree - 12/ctn | \$1.39 | \$1.33 |
| 3-056 | Elbow 5" 26 Gauge 90 Degree - 12/ctn | \$2.08 | \$1.91 |
| 3-066 | Elbow 6" 26 Gauge 90 Degree - 12/ctn | \$2.19 | \$2.01 |
| 3-076 | Elbow 7" 26 Gauge 90 Degree - 12/ctn | \$3.68 | \$3.17 |
| 3-086 | Elbow 8" 26 Gauge 90 Degree - 12/ctn | \$3.19 | \$2.93 |
| 3-096 | Elbow 9" 26 Gauge 90 Degree - 12/ctn | \$5.76 | \$5.22 |
| 3-106 | Elbow 10" 26 Gauge 90 Degree - 12/ctn | \$4.74 | \$4.53 |
| 3-126 | Elbow 12" 26 Gauge 90 Degree - 8/ctn | \$7.62 | \$6.99 |
| 3-146 | Elbow 14" 26 Gauge 90 Degree - 4/ctn | \$12.31 | \$10.60 |
| 3-068 | Elbow 6" 28 Gauge 90 Degree - 12/ctn | \$3.07 | \$2.64 |
| 3-088 | Elbow 8" 28 Gauge 90 Degree - 12/ctn | \$5.73 | \$4.92 |
| 3-030 | Elbow 3" 30 Gauge 90 Degree - 12/ctn | \$1.15 | \$1.06 |
| 3-040 | Elbow 4" 30 Gauge 90 Degree - 12/ctn | \$1.06 | \$1.01 |
| 3-050 | Elbow 5" 30 Gauge 90 Degree - 12/ctn | \$1.22 | \$1.12 |
| 3-060 | Elbow 6" 30 Gauge 90 Degree - 12/ctn | \$1.12 | \$1.07 |
| 3-070 | Elbow 7" 30 Gauge 90 Degree - 12/ctn | \$1.53 | \$1.46 |
| 3-080 | Elbow 8" 30 Gauge 90 Degree - 12/ctn | \$2.00 | \$1.91 |
| 3-100 | Elbow 10" 30 Gauge 90 Degree - 12/ctn | \$6.40 | \$5.51 |

**90 Degree
Adjustable Elbow**



**45 Degree
Adjustable Elbow**



BOOTS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|--|-----------------|------------------|
| P17-206 | P17 2-1/4 x 10-6 End Boot - 12/ctn | \$4.40 | \$3.98 |
| P17-226 | P17 2-1/4 x 12-6 End Boot - 12/ctn | \$3.72 | \$3.38 |
| P17-246 | P17 2-1/4 x 14-6 End Boot - 12/ctn | \$5.52 | \$5.00 |
| P17-426 | P17 4 x 12-6 End Boot - 12/ctn | \$3.97 | \$3.59 |
| P17-427 | P17 4 x 12-7 End Boot - 12/ctn | \$4.84 | \$4.39 |
| P17-428 | P17 4 x 12-8 End Boot - 12/ctn | \$7.53 | \$6.83 |
| P17-606 | P17 6 x 10-6 End Boot - 12/ctn | \$6.12 | \$5.55 |
| P17-626 | P17 6 x 12-6 End Boot - 12/ctn | \$6.03 | \$5.47 |
| P17C-205 | P17 2-1/4 x 10-5 Center End Boot - 12/ctn | \$4.84 | \$4.39 |
| P17C-406 | P17 4 x 10-6 Center End Boot - 12/ctn | \$3.63 | \$3.27 |
| P17C-407 | P17 4 x 10-7 Center End Boot - 12/ctn | \$6.29 | \$5.70 |
| P17C-628 | P17 6 x 12-8 Center End Boot - 12/ctn | \$6.03 | \$5.47 |
| P17C-648 | P17 6 x 14-8 Center End Boot - 12/ctn | \$6.64 | \$6.02 |
| P17L-226 | P17 2 x 12-6 Left End Boot - 12/ctn | \$4.33 | \$3.72 |
| P17L-406 | P17 4 x 10-6 Left End Boot - 12/ctn | \$4.01 | \$3.45 |
| P17R-226 | P17 2-1/4 x 12-6 Right End Boot - 12/ctn | \$4.33 | \$3.72 |
| P17R-406 | P17 4 x 10-6 Right End Boot - 12/ctn | \$4.01 | \$3.45 |
| PB13-406 | PB13 4 x 10-6 Ceiling Register Head - 12/ctn | \$5.91 | \$5.08 |
| PB13-426 | PB13 4 x 12-6 Ceiling Register Head - 12/ctn | \$7.13 | \$6.13 |
| PB13-605 | PB13 6 x 10-5 Angle Ceiling Box - 12/ctn | \$13.58 | \$11.69 |
| PB13-606 | PB13 6 x 10-6 Angle Ceiling Box - 12/ctn | \$7.81 | \$6.71 |
| PB5-605 | PB5 6 x 10-5 Straight Ceiling Box - 12/ctn | \$9.15 | \$7.88 |
| PB5-606 | PB5 6 x 10-6 Straight Ceiling Box - 12/ctn | \$9.15 | \$7.88 |



PB13
Basement Boot



P17
Register End Boot
Center, Left, Right

BOOTS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--------------------------------------|-----------------|------------------|
| P5-205 | P5 2 x 10-5 Straight Boot - 12/ctn | \$4.60 | \$4.17 |
| P5-406 | P5 4 x 10-6 Straight Boot - 12/ctn | \$2.22 | \$2.12 |
| P5-407 | P5 4 x 10-7 Straight Boot - 12/ctn | \$6.29 | \$5.70 |
| P5-606 | P5 6 x 10-6 Straight Boot - 12/ctn | \$5.69 | \$5.16 |
| P5-607 | P5 6 x 10-7 Straight Boot - 12/ctn | \$6.12 | \$5.55 |
| P5-626 | P5 6 x 12-6 Straight Boot - 12/ctn | \$5.69 | \$5.16 |
| P13-204 | P13 2-1/4 x 10-4 Angle Boot - 12/ctn | \$3.99 | \$3.42 |
| P13-205 | P13 2-1/4 x 10-5 Angle Boot - 12/ctn | \$4.60 | \$4.17 |
| P13-206 | P13 2-1/4 x 10-6 Angle Boot - 12/ctn | \$3.81 | \$3.27 |
| P13-226 | P13 2-1/4 x 12-6 Angle Boot - 12/ctn | \$2.54 | \$2.43 |
| P13-246 | P13 2-1/4 x 14-6 Angle Boot - 12/ctn | \$5.52 | \$5.00 |
| P13-247 | P13 2-1/4 x 14-7 Angle Boot - 12/ctn | \$5.59 | \$5.06 |
| P13-405 | P13 4 x 10-5 Angle Boot - 12/ctn | \$4.44 | \$3.82 |
| P13-406 | P13 4 x 10-6 Angle Boot - 12/ctn | \$2.22 | \$2.12 |
| P13-407 | P13 4 x 10-7 Angle Boot - 12/ctn | \$5.89 | \$5.07 |
| P13-426 | P13 4 x 12-6 Angle Boot - 12/ctn | \$2.71 | \$2.58 |
| P13-427 | P13 4 x 12-7 Angle Boot - 12/ctn | \$4.13 | \$3.55 |
| P13-606 | P13 6 x 10-6 Angle Boot - 12/ctn | \$5.86 | \$5.31 |
| P13-607 | P13 6 x 10-6 Angle Boot - 12/ctn | \$6.12 | \$5.55 |
| P13-608 | P13 6 x 10-8 Angle Boot - 12/ctn | \$6.12 | \$5.55 |
| P13-627 | P13 6 x 12-7 Angle Boot - 12/ctn | \$5.48 | \$4.75 |
| P13-648 | P13 6 x 12-8 Angle Boot - 12/ctn | \$6.21 | \$5.35 |



**P5
Straight Boot**



**P13
90 Deg Register**

DUCT

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|---------------------------|-----------------|------------------|
| 100P-088 | 96" 8 x 8 Duct - 10/ctn | \$20.78 | \$18.83 |
| 100P-108 | 96" 10 x 8 Duct - 10/ctn | \$21.34 | \$18.38 |
| 100P-128 | 96" 12 x 8 Duct - 10/ctn | \$22.89 | \$19.71 |
| 100P-148 | 96" 14 x 8 Duct - 10/ctn | \$24.48 | \$21.08 |
| 100P-168 | 96" 16 x 8 Duct - 10/ctn | \$24.09 | \$20.69 |
| 100P-188 | 96" 18 x 8 Duct - 10/ctn | \$30.71 | \$26.44 |
| 100P-208 | 96" 20 x 8 Duct - 10/ctn | \$29.97 | \$25.74 |
| 100P-085 | 60" 8 x 8 Duct - 10/ctn | \$14.28 | \$12.27 |
| 100P-105 | 60" 10 x 8 Duct - 10/ctn | \$15.33 | \$13.17 |
| 100P-125 | 60" 12 x 8 Duct - 10/ctn | \$13.04 | \$12.45 |
| 100P-145 | 60" 14 x 8 Duct - 10/ctn | \$14.75 | \$14.09 |
| 100P-165 | 60" 16 x 8 Duct - 10/ctn | \$16.48 | \$15.74 |
| 100P-185 | 60" 18 x 8 Duct - 10/ctn | \$23.46 | \$20.15 |
| 100P-205 | 60" 20 x 8 Duct - 10/ctn | \$19.42 | \$18.55 |
| 100P-225 | 60" 22 x 8 Duct - 10/ctn | \$31.93 | \$28.94 |
| 100P-245 | 60" 24 x 8 Duct - 10/ctn | \$29.34 | \$25.21 |
| 100P-1005 | 60" 10 x 10 Duct - 10/ctn | \$19.93 | \$17.12 |
| 100P-1205 | 60" 12 x 10 Duct - 10/ctn | \$21.39 | \$18.37 |
| 100P-1405 | 60" 14 x 10 Duct - 10/ctn | \$23.37 | \$20.08 |
| 100P-1605 | 60" 16 x 10 Duct - 10/ctn | \$25.60 | \$21.99 |
| 100P-1805 | 60" 18 x 10 Duct - 10/ctn | \$26.63 | \$22.87 |
| 100P-2005 | 60" 20 x 10 Duct - 10/ctn | \$27.69 | \$23.78 |
| 100P-2205 | 60" 22 x 10 Duct - 10/ctn | \$33.43 | \$30.30 |
| 100P-2405 | 60" 24 x 10 Duct - 10/ctn | \$31.88 | \$27.38 |
| 100P-2505 | 60" 25 x 10 Duct - 5/ctn | \$33.99 | \$32.46 |
| 100P-084C | 48" 8 x 8 Duct - 6/ctn | \$10.12 | \$8.69 |
| 100P-104C | 48" 10 x 8 Duct - 6/ctn | \$8.51 | \$8.12 |
| 100P-124C | 48" 12 x 8 Duct - 6/ctn | \$9.47 | \$9.04 |
| 100P-144C | 48" 14 x 8 Duct - 6/ctn | \$11.40 | \$10.89 |
| 100P-164C | 48" 16 x 8 Duct - 6/ctn | \$13.63 | \$12.51 |
| 100P-184C | 48" 18 x 8 Duct - 6/ctn | \$17.40 | \$14.95 |
| 100P-204C | 48" 20 x 8 Duct - 6/ctn | \$18.48 | \$15.87 |
| 100P-224C | 48" 22 x 8 Duct - 6/ctn | \$20.06 | \$17.23 |
| 100P-244C | 48" 24 x 8 Duct - 6/ctn | \$24.93 | \$22.59 |

- 30", 36", 48", 60", AND 96" LENGTHS AVAILABLE
- FURNISHED IN BUTTON SNAPLOCK WITH S-CLEAT & DRIVE CONNECTIONS
- CROSS BROKEN FOR EXTRA STIFFENING STRENGTH
- SQUARE THROAT FITTINGS ARE STANDARD. RADIUS AVAILABLE ON REQUEST

VERTICAL TRUNK ELBOWS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|---|-----------------|------------------|
| 106-8x8 | 8 x 8 Vertical Trunk 45 Elbow - 6/ctn | \$19.47 | \$17.64 |
| 106-10 | 10 x 8 Vertical Trunk 45 Elbow - 6/ctn | \$15.24 | \$13.81 |
| 106-12 | 12 x 8 Vertical Trunk 45 Elbow - 6/ctn | \$15.67 | \$14.20 |
| 106-14 | 14 x 8 Vertical Trunk 45 Elbow - 3/ctn | \$17.07 | \$15.47 |
| 106-16 | 16 x 8 Vertical Trunk 45 Elbow - 3/ctn | \$17.66 | \$16.00 |
| 106-18 | 18 x 8 Vertical Trunk 45 Elbow - 3/ctn | \$21.74 | \$19.70 |
| 106-20 | 20 x 8 Vertical Trunk 45 Elbow - 3/ctn | \$21.50 | \$19.48 |
| 106-22 | 22 x 8 Vertical Trunk 45 Elbow - 3/ctn | \$28.36 | \$25.70 |
| 106-24 | 24 x 8 Vertical Trunk 45 Elbow - 3/ctn | \$25.57 | \$23.17 |
| 106-1010 | 10 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$24.43 | \$22.14 |
| 106-1210 | 12 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$19.29 | \$17.48 |
| 106-1410 | 14 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$20.02 | \$18.14 |
| 106-1610 | 16 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$26.02 | \$23.58 |
| 106-1810 | 18 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$26.83 | \$24.31 |
| 106-2010 | 20 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$21.61 | \$18.56 |
| 106-2210 | 22 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$37.64 | \$34.11 |
| 106-2410 | 24 x 10 Vertical Trunk 45 Elbow - 3/ctn | \$28.74 | \$26.05 |
| 116-08 | 8 x 8 Vertical Trunk 90 Elbow - 6/ctn | \$14.83 | \$13.44 |
| 116-10 | 10 x 8 Vertical Trunk 90 Elbow - 6/ctn | \$15.71 | \$14.23 |
| 116-12 | 12 x 8 Vertical Trunk 90 Elbow - 6/ctn | \$15.29 | \$13.17 |
| 116-14 | 14 x 8 Vertical Trunk 90 Elbow - 3/ctn | \$16.86 | \$15.28 |
| 116-16 | 16 x 8 Vertical Trunk 90 Elbow - 3/ctn | \$18.52 | \$16.78 |
| 116-18 | 18 x 8 Vertical Trunk 90 Elbow - 3/ctn | \$20.09 | \$18.20 |
| 116-20 | 20 x 8 Vertical Trunk 90 Elbow - 3/ctn | \$20.98 | \$19.02 |
| 116-22 | 22 x 8 Vertical Trunk 90 Elbow - 3/ctn | \$22.62 | \$20.50 |
| 116-24 | 24 x 8 Vertical Trunk 90 Elbow - 3/ctn | \$24.33 | \$22.05 |
| 116-1010 | 10 x 10 Vertical Trunk 90 Elbow - 6/ctn | \$22.74 | \$20.61 |
| 116-1210 | 12 x 10 Vertical Trunk 90 Elbow - 6/ctn | \$23.00 | \$20.84 |
| 116-1410 | 14 x 10 Vertical Trunk 90 Elbow - 3/ctn | \$21.52 | \$18.53 |
| 116-1610 | 16 x 10 Vertical Trunk 90 Elbow - 3/ctn | \$23.03 | \$20.88 |
| 116-1810 | 18 x 10 Vertical Trunk 90 Elbow - 3/ctn | \$26.17 | \$23.72 |
| 116-2010 | 20 x 10 Vertical Trunk 90 Elbow - 3/ctn | \$24.21 | \$20.79 |
| 116-2210 | 22 x 10 Vertical Trunk 90 Elbow - 3/ctn | \$29.93 | \$27.13 |
| 116-2410 | 24 x 10 Vertical Trunk 90 Elbow - 3/ctn | \$32.21 | \$29.19 |



Vertical 45
Duct Elbow



Vertical 90
Duct Elbow

HORIZONTAL TRUNK ELBOWS

| Part # | Description | In Season Price | Pre-Season Price |
|----------|--|-----------------|------------------|
| 109-12 | 12 x 8 Flat 45 (Radius) Trunk Elbow - 6/ctn | \$17.45 | \$15.81 |
| 109-14 | 14 x 8 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$18.64 | \$16.89 |
| 109-16 | 16 x 8 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$20.22 | \$18.33 |
| 109-18 | 18 x 8 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$21.76 | \$19.72 |
| 109-20 | 20 x 8 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$23.83 | \$21.59 |
| 109-1410 | 14 x 10 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$22.22 | \$20.14 |
| 109-1610 | 16 x 10 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$23.91 | \$21.67 |
| 109-1810 | 18 x 10 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$26.17 | \$23.72 |
| 109-2010 | 20 x 10 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$33.02 | \$29.92 |
| 109-2410 | 24 x 10 Flat 45 (Radius) Trunk Elbow - 3/ctn | \$42.71 | \$38.70 |
| 190-08 | 8 x 8 Horizontal 90 Trunk Elbow - 6/ctn | \$17.05 | \$15.45 |
| 190-10 | 10 x 8 Horizontal 90 Trunk Elbow - 6/ctn | \$17.29 | \$15.67 |
| 190-12 | 12 x 8 Horizontal 90 Trunk Elbow - 6/ctn | \$16.34 | \$14.04 |
| 190-14 | 14 x 8 Horizontal 90 Trunk Elbow - 3/ctn | \$17.70 | \$15.21 |
| 190-16 | 16 x 8 Horizontal 90 Trunk Elbow - 3/ctn | \$23.03 | \$20.88 |
| 190-18 | 18 x 8 Horizontal 90 Trunk Elbow - 3/ctn | \$27.79 | \$25.19 |
| 190-20 | 20 x 8 Horizontal 90 Trunk Elbow - 3/ctn | \$31.21 | \$28.28 |
| 190-22 | 22 x 8 Horizontal 90 Trunk Elbow - 3/ctn | \$36.67 | \$33.23 |
| 190-24 | 24 x 8 Horizontal 90 Trunk Elbow - 3/ctn | \$35.12 | \$31.83 |
| 190-1010 | 10 x 10 Horizontal 90 Trunk Elbow - 6/ctn | \$22.47 | \$20.36 |
| 190-1210 | 12 x 10 Horizontal 90 Trunk Elbow - 6/ctn | \$28.45 | \$25.78 |
| 190-1410 | 14 x 10 Horizontal 90 Trunk Elbow - 3/ctn | \$26.61 | \$22.92 |
| 190-1610 | 16 x 10 Horizontal 90 Trunk Elbow - 3/ctn | \$30.57 | \$27.70 |
| 190-1810 | 18 x 10 Horizontal 90 Trunk Elbow - 3/ctn | \$37.55 | \$34.03 |
| 190-2010 | 20 x 10 Horizontal 90 Trunk Elbow - 3/ctn | \$40.48 | \$36.69 |
| 190-2210 | 22 x 10 Horizontal 90 Trunk Elbow - 3/ctn | \$38.02 | \$34.45 |
| 190-2410 | 24 x 10 Horizontal 90 Trunk Elbow - 3/ctn | \$42.91 | \$38.89 |



Horizontal



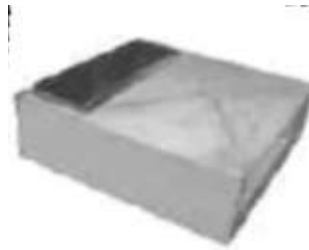
**FLAT 45
Duct Elbow**

RETURN AIR DROPS & SUPPORT BOXES

| Part # | Description | In Season Price | Pre-Season Price |
|--------|-----------------------------------|-----------------|------------------|
| 70CAD | 20 x 10-20 x 16 Return Air Drop | \$88.06 | \$75.64 |
| 71-CAD | 25 x 10-25 x 16 Return Air Drop | \$108.62 | \$98.44 |
| SBF30 | Filter Support Box 30" | \$129.60 | \$111.32 |
| SBF36 | Filter Support Box 36" | \$135.18 | \$116.12 |
| SBF37 | Filter Support Box w/o Air Cutout | \$165.17 | \$149.69 |



Return Air



Filter Support Box

COLLARS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|-----------------------------------|-----------------|------------------|
| T25-4 | Start Collar Crimped 4" - 36/ctn | \$1.13 | \$0.97 |
| T25-5 | Start Collar Crimped 5" - 36/ctn | \$1.22 | \$1.05 |
| T25-6 | Start Collar Crimped 6" - 36/ctn | \$0.80 | \$0.76 |
| T25-7 | Start Collar Crimped 7" - 36/ctn | \$0.87 | \$0.83 |
| T25-8 | Start Collar Crimped 8" - 36/ctn | \$0.96 | \$0.92 |
| T25-9 | Start Collar Crimped 9" - 24/ctn | \$2.07 | \$1.88 |
| T25-10 | Start Collar Crimped 10" - 24/ctn | \$1.36 | \$1.25 |
| T25-12 | Start Collar Crimped 12" - 24/ctn | \$1.98 | \$1.71 |
| T25-14 | Start Collar Crimped 14" - 24/ctn | \$2.58 | \$2.22 |
| T27-5D | Long Collar 5" w/Damper - 12/ctn | \$4.76 | \$4.31 |
| T27-6D | Long Collar 6" w/Damper - 12/ctn | \$4.01 | \$3.45 |
| T27-7D | Long Collar 7" w/Damper - 12/ctn | \$6.10 | \$5.53 |
| T27-8D | Long Collar 8" w/Damper - 12/ctn | \$4.28 | \$3.93 |
| T27-9D | Long Collar 9" w/Damper - 12/ctn | \$6.55 | \$5.94 |
| T27-10D | Long Collar 10" w/Damper - 12/ctn | \$6.27 | \$5.38 |
| T27-12D | Long Collar 12" w/Damper - 12/ctn | \$8.21 | \$7.44 |
| T27-14D | Long Collar 14" w/Damper - 12/ctn | \$9.50 | \$8.61 |



START COLLAR

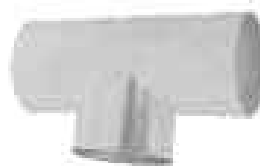


LONG COLLAR WITH DAMPER

TEES

| Part # | Description | In Season Price | Pre-Season Price |
|--------|-----------------------------------|-----------------|------------------|
| 422-03 | Straight Tee 3 x 3 x 3 - 12/ctn | \$10.67 | \$9.67 |
| 422-04 | Straight Tee 4 x 4 x 4 - 12/ctn | \$11.79 | \$10.69 |
| 422-05 | Straight Tee 5 x 5 x 5 - 12/ctn | \$11.98 | \$10.86 |
| 422-06 | Straight Tee 6 x 6 x 6 - 12/ctn | \$11.95 | \$10.29 |
| 422-07 | Straight Tee 7 x 7 x 7 - 12/ctn | \$14.88 | \$13.48 |
| 422-08 | Straight Tee 8 x 8 x 8 - 12/ctn | \$13.63 | \$11.74 |
| 422-10 | Straight Tee 10 x 10 x 10 - 6/ctn | \$19.03 | \$17.25 |
| 422-12 | Straight Tee 12 x 12 x 12 - 4/ctn | \$22.41 | \$20.31 |
| 422-14 | Straight Tee 14 x 14 x 14 - 4/ctn | \$28.41 | \$25.75 |

STRAIGHT TEE



TAPERED REDUCERS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--|-----------------|------------------|
| 66-43 | 4 x 3 No Crimp Reducer/Incraser - 12/ctn | \$3.45 | \$2.96 |
| 66-53 | 5 x 3 No Crimp Reducer/Incraser - 12/ctn | \$4.21 | \$3.81 |
| 66-54 | 5 x 4 No Crimp Reducer/Incraser - 12/ctn | \$3.22 | \$2.95 |
| 66-64 | 6 x 4 No Crimp Reducer/Incraser - 12/ctn | \$3.47 | \$3.19 |
| 66-65 | 6 x 5 No Crimp Reducer/Incraser - 12/ctn | \$3.47 | \$3.19 |
| 66-75 | 7 x 5 No Crimp Reducer/Incraser - 12/ctn | \$5.53 | \$5.02 |
| 66-76 | 7 x 6 No Crimp Reducer/Incraser - 12/ctn | \$4.79 | \$4.12 |
| 66-86 | 8 x 6 No Crimp Reducer/Incraser - 12/ctn | \$5.03 | \$4.32 |
| 66-87 | 8 x 7 No Crimp Reducer/Incraser - 12/ctn | \$5.44 | \$4.68 |
| 66-108 | 10 x 8 No Crimp Reducer/Incraser - 12/ctn | \$6.87 | \$5.92 |
| 66-128 | 12 x 8 No Crimp Reducer/Incraser - 12/ctn | \$8.86 | \$8.03 |
| 66-1210 | 12 x 10 No Crimp Reducer/Incraser - 12/ctn | \$8.29 | \$7.14 |
| 66-1410 | 14 x 10 No Crimp Reducer/Incraser - 12/ctn | \$10.52 | \$9.53 |
| 66-1412 | 14 x 12 No Crimp Reducer/Incraser - 12/ctn | \$10.52 | \$9.53 |



TAPERED REDUCER

TAKE OFFS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|--|-----------------|------------------|
| T14-4 | Top Takeoff 4" - 12/ctn | \$8.39 | \$7.22 |
| T14-5 | Top Takeoff 5" - 12/ctn | \$7.76 | \$6.67 |
| T14-6E | Top Takeoff Economy 6" - 12/ctn | \$7.76 | \$6.67 |
| T14-7 | Top Takeoff 7" - 12/ctn | \$11.79 | \$10.15 |
| T14-8 | Top Takeoff 8" - 12/ctn | \$14.74 | \$12.69 |
| T14-10 | Top Takeoff 10" - 12/ctn | \$19.45 | \$17.63 |
| T27-5 | Top Takeoff 5" Round 6" Long - 12/ctn | \$1.73 | \$1.57 |
| T27-6 | Top Takeoff 6" Round 6" Long - 12/ctn | \$1.18 | \$1.13 |
| T27-7 | Top Takeoff 7" Round 6" Long - 12/ctn | \$1.72 | \$1.47 |
| T27-8 | Top Takeoff 8" Round 6" Long - 12/ctn | \$1.52 | \$1.45 |
| T27-10 | Top Takeoff 10" Round 6" Long - 12/ctn | \$3.03 | \$2.60 |
| T27-12 | Top Takeoff 12" Round 6" Long - 12/ctn | \$3.53 | \$3.04 |
| T27-14 | Top Takeoff 14" Round 6" Long - 12/ctn | \$4.89 | \$4.56 |



TOP TAKEOFF



1/2 TAB TAKEOFF



ADJUSTABLE TAKEOFF



PIVOT TAKEOFF

TRANSITIONS

| Part # | Description | In Season Price | Pre-Season Price |
|-----------|----------------------------|-----------------|------------------|
| 810C-16 | 16 x 8 Transition - 3/ctn | \$39.78 | \$36.05 |
| 810C-20 | 20 x 8 Transition - 3/ctn | \$41.40 | \$37.52 |
| 810C-24 | 24 x 8 Transition - 3/ctn | \$39.24 | \$35.56 |
| 810C-2410 | 24 x 10 Transition - 3/ctn | \$50.07 | \$45.38 |

TRANSITION COLLAR



OFFSET DUCT COLLARS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|------------------------------|-----------------|------------------|
| 50-08 | 8 x 8 Offset Collar - 6/ctn | \$16.78 | \$15.20 |
| 50-10 | 10 x 8 Offset Collar - 6/ctn | \$17.31 | \$15.69 |
| 50-12 | 12 x 8 Offset Collar - 6/ctn | \$17.83 | \$16.16 |
| 50-14 | 14 x 8 Offset Collar - 6/ctn | \$17.40 | \$14.99 |
| 50-16 | 16 x 8 Offset Collar - 6/ctn | \$18.21 | \$15.64 |
| 50-18 | 18 x 8 Offset Collar - 6/ctn | \$22.45 | \$20.34 |
| 50-20 | 20 x 8 Offset Collar - 6/ctn | \$23.09 | \$20.92 |
| 50-22 | 22 x 8 Offset Collar - 6/ctn | \$24.84 | \$22.52 |
| 50-24 | 24 x 8 Offset Collar - 6/ctn | \$25.52 | \$23.13 |



OFFSET DUCT COLLAR

TRUNK REDUCERS



TRUNK REDUCERS

| Part # | Description | In Season Price | Pre-Season Price |
|---------|--|-----------------|------------------|
| 49-02 | 2" Trunk Reducer - 12/ctn | \$4.61 | \$3.96 |
| 49-04 | 4" Trunk Reducer - 12/ctn | \$4.88 | \$4.19 |
| 49-06 | 6" Trunk Reducer - 12/ctn | \$5.97 | \$5.41 |
| 49-08 | 8" Trunk Reducer - 12/ctn | \$7.48 | \$6.78 |
| 49-0210 | 2" Trunk Reducer for 10" Duct - 12/ctn | \$5.33 | \$4.83 |
| 49-0410 | 4" Trunk Reducer for 10" Duct - 12/ctn | \$5.59 | \$5.06 |
| 49-0610 | 6" Trunk Reducer for 10" Duct - 12/ctn | \$5.97 | \$5.41 |
| 49-0810 | 8" Trunk Reducer for 10" Duct - 12/ctn | \$7.48 | \$6.78 |

DAMPERS

| Part # | Description | In Season Price | Pre-Season Price |
|--------|-----------------------------------|-----------------|------------------|
| 09-04 | 4" Damper w/2 Pin/Handle - 25/ctn | \$5.21 | \$4.72 |
| 09-05 | 5" Damper w/2/Pin/Handle - 25/ctn | \$5.19 | \$4.70 |
| 09-06 | 6" Damper w/Handle - 25/ctn | \$4.16 | \$3.77 |
| 09-07 | 7" Damper w/Handle - 25/ctn | \$2.71 | \$2.45 |
| 09-08 | 8" Damper w/Handle - 25/ctn | \$5.72 | \$5.19 |



DAMPER

PIPE CAPS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|----------------------------------|-----------------|------------------|
| 65-05 | 5" Tee Cap Crimped - 12/ctn | \$2.76 | \$2.37 |
| 65-06 | 6" Tee Cap Crimped - 12/ctn | \$2.93 | \$2.51 |
| 65-07 | 7" Tee Cap Crimped - 12/ctn | \$3.60 | \$3.27 |
| 65-08 | 8" Tee Cap Crimped - 12/ctn | \$3.58 | \$3.08 |
| SNAP-65-10 | 10" Tee Cap Crimped - 12/ctn | \$4.09 | \$3.70 |
| 65-12 | 12" Non-Crimped Tee Cap - 12/ctn | \$4.17 | \$3.78 |
| 65-14 | 14" Non-Crimped Tee Cap - 12/ctn | \$5.72 | \$5.19 |

DUCT END CAPS

| Part # | Description | In Season Price | Pre-Season Price |
|------------|-------------------------------|-----------------|------------------|
| 212SD-8 | 8 x 8 Duct End Cap - 12/ctn | \$3.56 | \$3.07 |
| 212SD-10 | 10 x 8 Duct End Cap - 12/ctn | \$3.33 | \$2.86 |
| 212SD-12 | 12 x 8 Duct End Cap - 12/ctn | \$3.39 | \$2.91 |
| 212SD-14 | 14 x 8 Duct End Cap - 12/ctn | \$3.70 | \$3.18 |
| 212SD-16 | 16 x 8 Duct End Cap - 12/ctn | \$3.96 | \$3.40 |
| 212SD-18 | 18 x 8 Duct End Cap - 12/ctn | \$4.91 | \$4.45 |
| 212SD-20 | 20 x 8 Duct End Cap - 12/ctn | \$4.49 | \$3.86 |
| 212SD-22 | 22 x 8 Duct End Cap - 12/ctn | \$4.31 | \$3.91 |
| 212SD-24 | 24 x 8 Duct End Cap - 12/ctn | \$6.36 | \$5.77 |
| 212SD-1010 | 10 x 10 Duct End Cap - 12/ctn | \$4.97 | \$4.50 |
| 212SD-1210 | 12 x 10 Duct End Cap - 12/ctn | \$5.24 | \$4.75 |
| 212SD-1410 | 14 x 10 Duct End Cap - 12/ctn | \$5.19 | \$4.47 |
| 212SD-1610 | 16 x 8 Duct End Cap - 12/ctn | \$5.83 | \$5.28 |
| 212SD-1810 | 18 x 8 Duct End Cap - 12/ctn | \$6.40 | \$5.80 |
| 212SD-2010 | 20 x 8 Duct End Cap - 12/ctn | \$5.84 | \$5.01 |
| 212SD-2210 | 22 x 10 Duct End Cap - 12/ctn | \$4.90 | \$4.44 |
| 212SD-2410 | 24 x 10 Duct End Cap - 12/ctn | \$8.40 | \$7.61 |
| 212SD-3010 | 30 x 10 Duct End Cap - 12/ctn | \$18.10 | \$16.40 |
| 212SD-1212 | 12 x 12 Duct End Cap - 12/ctn | \$5.55 | \$5.03 |
| 212SD-1412 | 14 x 12 Duct End Cap - 12/ctn | \$5.83 | \$5.28 |
| 212SD-1612 | 16 x 12 Duct End Cap - 12/ctn | \$6.40 | \$5.80 |
| 212SD-1812 | 18 x 12 Duct End Cap - 12/ctn | \$6.74 | \$6.11 |
| 212SD-2012 | 20 x 12 Duct End Cap - 12/ctn | \$7.21 | \$6.53 |
| 212SD-2212 | 22 x 12 Duct End Cap - 12/ctn | \$7.55 | \$6.84 |
| 212SD-2412 | 24 x 12 Duct End Cap - 12/ctn | \$12.02 | \$10.89 |



**DUCT
END CAP**



TEE CAP

DUCT LINER AND WRAP

| Part # | Description | In Season Price | Pre-Season Price |
|---------------------|-------------------|-----------------|------------------|
| DL-47-1/2x100x1 | 150 DUCT LINER | \$242.56 | \$234.97 |
| DL-47-1/2x100x1/2 | 200 DUCT LINER | \$188.87 | \$182.96 |
| DL-59-1/2x100x1 | 150 DUCT LINER | \$303.85 | \$294.34 |
| DL-59-1/2x100x1/2 | 200 DUCT LINER | \$236.59 | \$229.19 |
| DW-48x100x1-1/2F-75 | 75 FOIL DUCT WRAP | \$114.12 | \$110.51 |
| DW-48x50x3F-75 | 75 FOIL DUCT WRAP | \$96.26 | \$93.25 |

DUCT SEALANT

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|-----------------------------------|-----------------|------------------|
| AIRSEAL33-1 | 33 Premier Duct Gray 1 Gallon | \$14.93 | \$14.29 |
| AIRSEAL33-5 | 33 Premier Duct White 5 Gallon | \$62.12 | \$59.42 |
| AIRSEAL33-TUBE | 33 Premier Duct Gray 10.5 oz Tube | \$2.46 | \$2.33 |
| CADS1-GRAY | Duct Sealant - 1 Gallon | \$10.95 | \$9.85 |

DIAMONDBACK CSST

| Part # | Description | In Season Price | Pre-Season Price |
|----------------|----------------------------------|-----------------|------------------|
| DIA-500DFTS | 1/2" x 100' Coil | \$223.79 | \$214.20 |
| DIA-500DFT-250 | 1/2" x 250' Coil | \$520.15 | \$497.86 |
| DIA-750DFT-250 | 3/4" x 250' Coil | \$674.93 | \$646.00 |
| DIA-500DMF | 1/2" Mechanical Fitting | \$7.76 | \$7.43 |
| DIA-750DMF | 3/4" Mechanical Fitting | \$10.66 | \$10.20 |
| DIA-500DC | 1/2" Mechanical Coupling | \$14.13 | \$13.53 |
| DIA-500DFF | 1/2" Indoor Termination | \$10.64 | \$10.19 |
| 500DBFF | 1/2" Outdoor Termination | \$10.64 | \$10.19 |
| DIA-750DFF | 3/4" Indoor Termination | \$14.70 | \$14.07 |
| DIA-750DBFF | 3/4" Outdoor Termination | \$14.70 | \$14.07 |
| DIA-500DSM | 1/2" Ports - 3/4" Inlet Manifold | \$99.28 | \$95.03 |
| DIA-DMB | Manifold Bracket | \$17.19 | \$16.46 |

LOCATIONS

NORTH REGION

Omaha

13202 "I" Street, Omaha, NE 68137
phone: 402.334.7777 or 1.800.779.8299
fax: 402.334.5475 | after hours: 402.319.6585

Bismarck

1340 Airport Road, Bismarck, ND 58504
phone: 701.221.3283 or 1.888.873.8299
fax: 701.221.9027
after hours: 701.426.1459

Cedar Falls

5529 Nordic Drive, Cedar Falls, IA 50613
phone: 319.277.3949 or 1.888.422.8299
fax: 319.277.4838 | after hours: 319.290.5442

Des Moines

4101 NW 121st Street, Urbandale, IA 50323
phone: 515.331.3743 or 1.800.397.8299
fax: 515.331.3836 | after hours: 515.360-0362

Rapid City

2885 N. Plaza Drive, Rapid City, SD 57702
phone: 605.355.0287 or 1.888.452.8299
fax: 605.355.0322 | after hours: 605.431.7814

Sioux Falls

200 S Petro Ave #3, Sioux Falls, SD 57107
phone: 605.334.7777 or 1.800.728.8299
fax: 605.334.5740 | after hours: 605.366.4560

SOUTHEAST REGION

Lenexa

15470 W. 110th Street, Lenexa, KS 66219
phone: 913.888.0202 or 1.800.449.8877
fax: 913.888.7390 | after hours: 913.226.0943

Columbia

1611 Burlington Street, Columbia, MO 65202
phone: 573.474.3408 or 1.877.644.4800
fax: 573.474.7409 | after hours: 573.590.0440

Kansas City

2610 NE Industrial Road, Kansas City, MO 64117
phone: 816.471.3773 or 1.800.535.7117
fax: 816.471.1861 | after hours: 913.226.0943

Springfield

1360 E. Chestnut Exp, Springfield, MO 65802
phone: 417.863.0991 or 1.800.942.7022
fax: 417.831.7477 | after hours: 417.838.5382

SOUTHWEST REGION

Wichita

3005 W. Harry, Wichita, KS 67213
phone: 316.942.2257 or 1.800.552.0178
fax: 316.943.0164 | after hours: 316.708.0847



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