

SPRING  
2016

# PARTS & SUPPLIES CATALOG



**CE** Mid-Atlantic

"Dedicated to earning your business."



“Dedicated to Earning Your Business”



Mid-Atlantic Central 1-866-902-HVAC(4822)
www.ma.carrierenterprise.com

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WALDORF, MD 301-705-5001
WHITE MARSH, MD 410-391-4600
WINCHESTER, VA 540-723-9881
WOODBIDGE, VA 703-491-1804

January calendar grid showing days of the week and dates from 1 to 31.

April calendar grid showing days of the week and dates from 1 to 30.

July calendar grid showing days of the week and dates from 1 to 31.

October calendar grid showing days of the week and dates from 1 to 31.

February calendar grid showing days of the week and dates from 1 to 29.

May calendar grid showing days of the week and dates from 1 to 31.

August calendar grid showing days of the week and dates from 1 to 31.

November calendar grid showing days of the week and dates from 1 to 30.

March calendar grid showing days of the week and dates from 1 to 31.

June calendar grid showing days of the week and dates from 1 to 30.

September calendar grid showing days of the week and dates from 1 to 30.

December calendar grid showing days of the week and dates from 1 to 31.

NOTES:

Five horizontal lines for writing notes.





# 2016 CE Mid-Atlantic Spring Stocking Program

## YOUR CARRIER ENTERPRISE MID-ATLANTIC LOYALTY DESERVES OUR THANKS – AND MORE!

### WELCOME TO CE MA CONTRACTOR REWARDS

Earn great rewards – simply for purchasing industry-leading CE parts and supplies – might seem like a pipe dream. But this little flyer is here to tell you that it's all true!

Win a \$500 shopping spree on the CEMA Contractors Reward site... That's 5% back in prizes.

Electronics, home décor, toys, sporting goods, fine jewelry, fitness gear, tools...there are more than 650,000 merchandise options alone. Plus, Award Points are also redeemable for dining and entertainment experiences, do-it-yourself travel getaways, golf concierge services, event tickets, digital downloads, movie tickets...there's something to suit every taste and style.



It's our way of thanking you for your business and rewarding your commitment to CE parts and supplies.

### HERE'S ALL YOU HAVE TO DO!

- ➔ Head to a CE MA Branch near you, visit the [ma.carrierenterprise.com](http://ma.carrierenterprise.com) website or contact our Customer Service Team to place an order.
- ➔ Purchase CE parts and supplies in the below tiers and win a shopping spree
  - \$ 1,500 ~ win \$50
  - \$ 2,500 ~ win \$100
  - \$ 5,000 ~ win \$250
  - \$10,000~ win \$500
- ➔ Payment Terms:
  - Orders of \$2,500 receive ½ net 30, ½ net 60
  - Orders of \$5,000 receive 1/3 net 30, 1/3 net 60, 1/3 net 90
  - Subject to approval of credit department
- ➔ Order between March 2 - April 30, 2016



Once the program time line is over you will receive instructions to register for the site and redeem earned points for the qualifying CE parts and supplies purchases you made. Simple, right?

## LET THE REWARDING BEGIN!

**Disclaimer:** Pricing and offers valid through 04/30/2016. Eligible products include All Parts and Supplies TOS codes – No equipment, No R-22-0030. Prices are subject to change without notice. Prices may vary due to market fluctuations, store location, product availability and other conditions where applicable. The publisher has attempted to accurately describe and illustrate all products depicted within. All descriptions and illustrations are for identification purposes only. Actual products may not conform to the descriptions and/or illustrations depicted. All brand names and product names within are trade names, service marks, trademarks or registered trademarks of their respective owners. Copyright 2015 All Rights Reserved.





VISIT [MA.CARRIERENTERPRISE.COM](http://MA.CARRIERENTERPRISE.COM) TODAY!

# THE GREAT REBATE

Thousands of items, hundreds of brands!

Earn 2% *UNLIMITED* Cash Back  
When You Buy *VIP* Brands Online\*



Earning cash back is *EASY*:

1. Look for items marked "REBATE."
2. Buy *ONLINE ONLY*.
3. Earn 2% statement credit.



\*Items must be purchased online. Customers must have a CE account in good standing to qualify for the offer. Rebate will be given in the form of a statement credit. Credits will be awarded quarterly provided that \$100 minimum rebate is achieved. Not all items from listed brands qualify for the offer. Qualifying items will be noted online with a clear designation. Qualifying items and brands may change at any time. Special pricing, returns, and warranty do not qualify. Promotion dates may change.





# PARTS & SUPPLIES CATALOG

## TABLE OF CONTENTS

**CHEMICALS, ADHESIVES & SEALANTS** ..... 4-11

LUBRICANTS & OILS ..... 4

VACUUM PUMP OILS ..... 4

CAULKS & SEALANTS ..... 4

ADHESIVES ..... 4

ACID TREATMENT ..... 4-5

SYSTEM TREATMENT ..... 5

LUBRICANTS & OILS ..... 5

FLUSH ..... 5-6

EVAPORATOR COIL CLEANER ..... 6

CONDENSER COIL CLEANERS ..... 6-7

UNIVERSAL COIL CLEANERS ..... 7

MISC CLEANERS ..... 7-8

ODOR CONTROL ..... 8

WATER TREATMENT ..... 8

PAN TREATMENT ..... 8-9

BRAZING SUPPLIES ..... 9

TAPE ..... 9-10

DUCT SEALANTS ..... 10

THREAD SEALANT ..... 10

PVC PRIMERS & CEMENT ..... 10

HAND CLEANERS ..... 10

PEST CONTROL ..... 10

REFRIGERANT ..... 11

CYLINDERS REFRIGERANT RECLAIM ..... 11

**CONTROLS** ..... 12-20

SMOKE & CO ALARMS ..... 12

REPLACEMENT IGNITORS ..... 12

UNIVERSAL IGNITORS ..... 12

PRIMARY OIL CONTROL ..... 12

GAS VALVES ..... 13

UNIVERSAL THERMOCOUPLES ..... 13

IGNITION MODULES ..... 13

CONTROL BOARDS ..... 13-14

NON-PROGRAMMABLE THERMOSTATS ..... 14-16

PROGRAMMABLE THERMOSTATS ..... 16-17

WIRELESS THERMOSTATS & ACCESSORIES ..... 18-19

THERMOSTAT COVER PLATE ..... 20

ZONING ..... 20-21

**ELECTRICAL** ..... 21-24

GENERATORS ..... 21

GENERATOR PAD ..... 21

TRANSFER SWITCHES ..... 21

GENERATOR MAINTENANCE KITS ..... 21

DISCONNECTS & WHIPS ..... 21

RELAYS ..... 21

CONTACTORS ..... 22

TRANSFORMERS ..... 22

HARD START KITS ..... 22

COMPRESSOR REPAIR KIT ..... 22

TIME DELAY RELAYS ..... 23

HEAD PRESSURE PROTECTION CONTROL ..... 23

TERMINAL KITS ..... 23

FUSES ..... 24

WIRE NUTS ..... 24

THERMOSTAT WIRE ..... 24

WORK LIGHTS ..... 24

EXTENSION CORDS ..... 24

HEATING CABLE ..... 24

CIRCUIT TESTERS ..... 24

**INDOOR AIR QUALITY** ..... 25-28

MEDIA AIR CLEANERS ..... 25

REPLACEMENT MEDIA FILTERS ..... 25-26

DISPOSABLE AIR FILTERS ..... 26

HUMIDIFIERS ..... 26-27

WATER PADS ..... 27

IAQ ..... 28

DEHUMIDIFIER ..... 28

**INSTALLATION SUPPLIES** ..... 29-41

HEAT PUMP RISERS ..... 29

VIBRATION PADS & MOUNTING BLOCKS ..... 29

EQUIPMENT PADS ..... 29

MOUNTING BRACKETS ..... 29

EQUIPMENT SECURITY CAGES ..... 29

COPPER TUBING ..... 29

COPPER FITTINGS ..... 30

LINE SETS ..... 30

TUBING INSTALLATION ..... 30

LINE SET DUCTING ..... 30

LINE SET PROTECTION ..... 31

SUCTION LINE DRIERS ..... 32

BI-FLOW HEAT PUMP DRIERS ..... 32

LIQUID LINE DRIERS ..... 33

SIGHT GLASS ..... 33

GAS BALL VALVES ..... 33

GAS CONNECTORS ..... 33

DRAIN PANS ..... 33-34

VINYL TUBING ..... 34

PVC PIPE & FITTINGS ..... 34

TRAPS ..... 34

CONDENSATE PUMPS ..... 34

CONDENSATE SWITCHES & SENSORS ..... 35

SAFETY SWITCHES ..... 35

TRAP KITS ..... 35

CONDENSATE CLEANOUT ..... 35

CONCENTRIC VENT KITS ..... 36

TERMINATION KITS ..... 36

GRILLES, REGISTERS & DIFFUSERS ..... 36-37

DUCT LINER ..... 37

DUCT LINER PINS ..... 37

FLEX DUCT ..... 38

DUCT WRAP ..... 38

FLEXIBLE DUCT CONNECTORS ..... 38

SHEET METAL DUCT & FITTINGS ..... 39

GAS CONNECTORS ..... 40-41

**MISCELLANEOUS SUPPLIES** ..... 42-43

CABLE TIES ..... 42

STAINLESS STEEL BAND CLAMPS ..... 42

DUCT STRAP ..... 42

SHARP POINT SCREWS ..... 42

DRILL POINT SCREWS ..... 42

MISC. FASTENERS & CLAMPS ..... 43

REFRIGERANT SAFETY CAPS ..... 43

TOWELS ..... 43

PPE ..... 43

GLOVES ..... 43

CHIP BRUSHES ..... 43

BATTERIES ..... 43

**MOTORS, COMPRESSORS & ACCESSORIES** ..... 44-47

BLOWER MOTORS ..... 44

CONDENSER MOTORS ..... 44

BELLY BAND ADAPTER ..... 44

CAPACITORS ..... 45

MULTI-VALUE CAPACITORS ..... 45

RAIN SHIELDS ..... 45

SHAFT BRUSHING ..... 45

COMPRESSOR PLUG ASSEMBLY ..... 45

MOTOR MOUNTS ..... 46

ADJUSTABLE MOTORS PULLEYS ..... 46

BELTS ..... 46-47

**TOOLS & TEST INSTRUMENTS** ..... 48-63

DIGITAL METERS & ACCESSORIES ..... 48-50

THERMOMETERS ..... 50

THERMAL IMAGERS ..... 50-51

INSPECTION CAMERAS ..... 51

MANIFOLDS, GAUGES & HOSES ..... 52-53

ELECTRONIC SCALES ..... 53

DIGITAL PSYCHROMETER ..... 54

REFRIGERANT RECOVERY ..... 54

VACUUM PUMPS ..... 54

WELDING & SOLDERING ..... 54-55

HAND TOOLS ..... 55-58

KLEIN TOOLS ..... 56-57

KNIVES & BLADES ..... 57

FLARE & SWAGING TOOLS ..... 58

PIPE & TUBING CUTTERS ..... 59

UTILITY BLOWER ..... 59

POWER TOOLS ..... 59-60

POWER TOOL ACCESSORIES ..... 61

MISCELLANEOUS TOOLS & ACCESSORIES ..... 62-63

### LUBRICANTS & OILS

741-002	WD40 11 OZ / NEW FORMULA	\$10.61	
S8-SUPCO	88 OIL ADDITIVE 8 OZ	\$6.87	
40400JG 40402JG	12OZ JACK OF ALL SPRAYS 2.5OZ JACK OF ALL SPRAYS	\$9.99 \$4.99	
	<b>TT-MINOIL3-GAL</b> • Refined and formulated for use with ALL HCFC & CFC Refrigerants • 150 VISCOSITY • ISO Grade 32 • 1 GALLON		
	<b>TT-POE68-GAL</b> • Refined and formulated for use with ALL HCFC & CFC Refrigerants • ISO Grade 68 • 1 Gallon		
TT-MINOIL3-GAL	#3 MINERAL OIL	\$18.08	
TT-POE68-GAL	POLYOLESTER COMPRESSOR OIL	\$76.30	
<b>TOTALINE</b>			
<b>MINERAL REFRIGERATION OIL</b>			
<ul style="list-style-type: none"> <li>• This is a refined oil used specifically for air conditioning and refrigeration.</li> <li>• The low moisture content means less failure. A non-foaming, wax-free oil to prevent plugged capillaries and sticking expansion valves. OEM approved by most manufacturers.</li> </ul>			
P903-0201	1 GAL MINERAL OIL	\$35.78	
P903-1001	134A OIL LUBRICANT (SW68)	\$83.92	
P903-1701	E68 OIL LUBRICANT	\$74.09	
P903-2301	POE200VS	\$98.60	
	<ul style="list-style-type: none"> <li>• Frees stuck fan blades, blower shafts, pulleys, rusted nuts and bolts</li> <li>• Penetrates into the smallest spaces</li> <li>• Quickly dissolves the bonds of rust, corrosion, carbon deposits, gums, varnishes, and grease</li> <li>• Displaces water and leaves a lubricating film to protect metal part</li> </ul>		
<b>VACUUM PUMP OIL</b>			
61105	12OZ PENETRATE HD	\$13.51	
P903-0601	VACUUM PUMP OIL	\$22.25	
P903-1001	VACUUM PUMP OIL	\$22.25	
P903-1701	VACUUM PUMP OIL	\$22.25	
P903-2301	VACUUM PUMP OIL	\$22.25	

### CAULKS & SEALANTS

SSA-C	• UV & weather Resistant		
	• Remains flexible		
SSC-C	• Crack resistant		
	• Tenacious adhesion		
SSW-C	• Not paintable		
SSA-C ALUMINUM SILICONE SEALANT		\$4.59	
SSC-C CLEAR SILICONE SEALANT		\$4.59	
SSW-C WHITE SILICONE SEALANT		\$4.59	
SSR-C	• UV resistant		
	• Rated at 500F continuous, 600F intermittent		
	• Extremely durable		
	• Forms a rubbery solid when cured		
SSR-C RED HEAT RESISTANT SILICONE SEALANT		\$6.20	
01714	• Ready to use		
	• Multi-purpose		
	• Polyurethane foam		
	• Triple expanding		
01714	EXPANDING FOAM SEALANT	\$5.22	

### ADHESIVES

DTWA	• Spray duct liner adhesive		
	• Fast tacking		
	• bonds rubber, fiberglass, plastic, and other type of insulation to interior or exterior of steel duct		
DTWA	WEB ADHESIVE	\$6.34	
WIT5	• Adheres duct liner or duct wrap to metal ductwork		
	• Water based		
	• Non-flammable, wet or dry		
	• Can be applied by spray, brush, or roller		
WIT5	WIT WATER-BASED INSULATION ADHESIVE	\$110.75	

### ACID TREATMENT

45009	ACID AWAY - FOR POE OIL	\$21.86	
4301-02	• Provides a better, more convenient way to neutralized or "scavenge" acid in refrigeration, air conditioning systems after burnouts or during normal on-going systems maintenance		
	• Normal dosage rate is 2 fl. oz. of Rx-Acid Scavenger for up to one gallon of system oil		
	• 2 fluid oz can		
4301-02	RX ACID SCAVENGER	\$26.41	



## ACID TREATMENT (CONT'D) \_\_\_\_\_



### Nu-Calgon

- Phase separation makes it easy to see color changes in acid indicator
- Compatible with mineral oil, alkylbenzene and polyolester oils

4320-W8 PHASE III ACID TEST KIT \$14.88

## SYSTEM TREATMENT \_\_\_\_\_



### Nu-Calgon

- 4050-01**
- For systems up to 1.5 Tons



- 4050-02**
- Prevents as well as repairs leaks anywhere in the system, including condensers, evaporators, copper lines, and soldered joints
  - Qty 2 - 3oz pressurized can; includes injector tool



- 4050-06**
- 3oz Pressurized Can

**NEW!**



- 4050-08**
- No pumping down the unit!
  - Treats 1.5 - 5 Ton systems
  - Works with all refrigerants and oils
  - Clear tube so you can see the sealant go in
  - 1 time use

4050-01	AC EASY SEAL SS	\$48.15
4050-02	AC EASY SEAL 2+1 PACK	\$141.85
4050-06	AC EASY SEAL	\$62.05
4050-08	EASYSEAL DIRECT INJECT	\$49.85

### TRADE PRO



**TP-LF-00284**

- Permanently seals leaks in AC and Refrigeration systems
- Will continue to seal additional leaks for no less than 1 year
- Does not contain polymers
- Not activated by moisture or oxygen
- Tested to be Non-Clogging to compressors, recovery machines, schrader valves, TxVs, and gauges
- Suitable for use in copper & aluminium coils



**TP-LF-00286**

- All the benefits of AC leak freeze with the added benefits of Cool Shot: Extends compressor life and reduces noise
- Improves AC system lubrication and reduces friction
- Enhances the performance of older AC systems

TP-LF-00284	1.5OZ A/C LEAK FREEZE KIT- INCLUDES 1/4" ADAPTER	\$40.25
TP-LF-00280	1.5OZ A/C LEAK FREEZE REFILL CARTRIDGE	\$31.82
TP-LF-00286	1.5OZ A/C LEAK FREEZE W/COOL SHOT KIT - INCLUDES 1/4" ADAPTER	\$49.24
TP-LF-00282	1.5OZ A/C LEAK FREEZE W/COOL SHOT REFILL CARTRIDGE	\$40.65
TP-LF-00292	1/4" ADAPTER FOR A/C LEAK FREEZE CARTRIDGES	\$8.94

## SYSTEM TREATMENT (CONT'D) \_\_\_\_\_

### Nu-Calgon



- Contains a dehydrating agent that converts system moisture into a natural organic material that is compatible with and mixes with the lubricant
- Sufficient to treat systems up to 5 tons
- 3oz Pressurized Can

4051-06 A/C EASY DRY \$59.06

### Nu-Calgon



- Formerly Zerol® Ice, product has been used success-fully for many years to improve the performance of R-410A air conditioning and refrigeration systems
- Lubricant blends with the system's oil, lasting for the life of the equipment
- 4 Fluid oz Can

4057-55 A/C RE-NEW \$78.64

## FLUSH \_\_\_\_\_

### Nu-Calgon



**4300-08**

- Solvent that has been engineered for flushing refrigeration and air conditioning systems
- Patented HFC based solvent formulation is powerful enough to flush away sludge, carbon residue, oils, acids, water and other particulate
- Ideal for system flushing after burnouts, retrofits and for flushing line sets for R-410A conversions
- Non-toxic, non-flammable and is non-ozone depleting
- Kit includes 1lb can, hose, gun, valve



**4300-09**

- 1lb can flushes 3-4 Tons



**4300-10**

- Kit includes 2- 1lb cans, hose, gun, valve



**4300-11**

- 2lb can flushes 5-7 Tons

4300-08	Rx11 STARTER KIT	\$125.47
4300-09	Rx11 FLUSH	\$44.00
4300-10	Rx11 FLUSH	\$252.60
4300-11	Rx11 FLUSH	\$88.00



### TopTech

comfort | excellence

TT-FLUSH-P16	FLUSH 16 OZ CANISTER	\$53.53
TT-FLUSH-P30	FLUSH 30 OZ CANISTER	\$91.91

**CHEMICALS, ADHESIVES & SEALANTS**



## FLUSH (CONT'D)



- PF-KIT**
- Includes injector, 16oz refill, nozzle, adapter and hose
- PF-16**
- 16 oz refill
  - Use with PF-KIT

PF-KIT	PRO FLUSH HVAC KIT	\$121.66
PF-16	PRO FLUSH SOLVENT	\$64.06



- Most effective chemical cleaner designed for use in flushing air conditioning & refrigeration systems
- Unique blend of chemical cleaning agents
- Innovative patent pending injection device
- Thorough mechanical scrubbing action
- Removes oil, sludge, carbon, and other deposits found inside an air conditioning or refrigeration system

TURBOKLEEN-KIT	TURBO-KLEEN 16OZ FLUSH KIT	\$77.60
TURBOKLEEN-16	TURBO-KLEEN 16OZ FLUSH	\$31.80

## EVAPORATOR COIL CLEANERS



- 4171-75**
- High performance, heavy duty detergent, specifically formulated with special surfactants and alkaline cleaners that have been developed into a foaming, no-rinse product
  - Will liquefy dirt, grease, oil, and other residues quickly and easily
  - 18 oz Can



- 4166-75**
- Ready-to-use, non abrasive, one step cleaner and disinfectant
  - 18 oz Can



- 4168-08**
- Cleans and emulsifies the most stubborn soils and deposits
  - Slightly alkaline
  - Biodegradable
  - No rinse
  - 1 Gallon



- 4191-08**
- Outstanding ability to remove dust, dirt, and debris
  - Environmentally friendly
  - 1 Gallon

4171-75	EVAP FOAM NO RINSE	\$10.00
4166-75	EVAP-FRESH EVAPORATOR COIL CLEANER	\$10.96
4168-08	EVAP POW'R-C EVAPORATOR COIL CLEANER	\$19.97
4191-08	EVAP-GREEN EVAPORATOR COIL CLEANER	\$21.26

## EVAP. COIL CLEANERS (CONT'D)



- INDOOR COIL CLEANER CONCENTRATE**
- Cleans and treats air-conditioning systems for maximum efficiency
  - Retards future dirt accumulation
  - Eliminates slime in condensate areas
  - Easy to use, non-toxic and deodorizes
  - Only equipment required is hand-type sprayer
  - USDA accepted

P902-1001	1 GAL	\$8.73
P902-1018	18 OZ AEROSOL	\$6.39



TT-8-G	PRO-KLEEN GREEN NO-RINSE COIL CLEANER 1 GAL	\$9.09
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## CONDENSER COIL CLEANERS



- 4291-08**
- A non-acid, alkaline-based product for cleaning and brightening air cooled condensers
  - Formulated with the best available foaming detergents and to quickly penetrate and dissolve greasy dirt and grime and foam it right out of the coil
  - Safer alternative to acids
  - 1 Gallon



- 4132-20**
- Excellent solvency and blasting spray to powerfully separate undesirable materials from the surface, offering maximum cleaning of finned coils
  - Quick-drying
  - Pleasant scent
  - Non-flammable
  - 20 Oz



- 4178-08**
- Alkaline-based cleaner and brightener
  - high foaming formula helps lift greasy soils out of the coil
  - Biodegradable
  - 1 Gallon



- 4190-08**
- All natural & environmentally friendly
  - Outstanding for removing dirt and grime
  - Low-foaming
  - Non-toxic
  - 1 Gallon

4291-08	NU-BRITE CONDENSER COIL CLEANER	\$22.25
4132-20	CAL-BLAST CONDENSER COIL CLEANER	\$12.20
4178-08	FOAM-BRITE CONDENSER COIL CLEANER	\$22.50
4190-08	CAL-GREEN CONDENSER COIL CLEANER	\$22.77



## COND. COIL CLEANERS (CONT'D)



- Double action of high pressure blast and solvent cleaning
- Non-flammable
- No rinse required
- 18 Oz

4290-75 18OZ NU-BLAST CONDENSER COIL CLEANER \$14.46



P902-0101	1 GAL	\$9.76
P902-0118	18 OZ AEROSOL	\$6.39
P902-0201	FOAM CLEANING LIQUID	\$22.53
P902-0301	ENVIRONMENTALLY SOUND OIL CLEANER	\$12.30
P902-1125	COOLING OIL TREATMENT	\$14.32
P902-5116	FIN PROTECTION	\$10.10



TT-8-P	TT-8-R+	
TT-720-01	SUPER BRITE BROWN FOAMING 1 GAL	\$23.01
TT-8-P	PRO-BLUE NON-ACID SUPER FOAM COIL CLEANER 1 GAL	\$12.98

## UNIVERSAL COIL CLEANERS



- Low-ph or acid-based product developed for cleaning evaporator coils, air-cooled condensers and other finned cooling and heating coils
- 1 Gallon

4133-08 CAL-BRITE COIL CLEANER \$22.39



- Metal safe
- Super concentrated 6:1 dilution ratio
- NSF registered
- Safe for rubber roofs
- biodegradable

TRIPLE-D UNIVERSAL COIL CLEANER \$19.09



- Synergistic liquid formulation made with DuPont Teflon® surface protector
- Specifically designed for application on air-cooled condensers, evaporator coils and other finned heating and cooling coils where it forms a micro-thin or molecular film of Teflon® coating

4148-32 CAL SHIELD W/ TEFLON \$23.34

## MISC CLEANERS



### CLEANER AND DEGREASER SPRAY

P902-1325 SOLVENT CLEANER AND DEGREASER \$11.79



- EPA registered as a bacteriostat, fungistat, germistat and all purpose deodorizer for use on HVAC systems (including duct work and evaporator coils)
- Controls microorganism growth and eliminates odors caused by their growth
- Easy to use
- Environmentally safe

P902-3601 1 GAL \$22.57  
P902-3632 32 OZ \$10.62



### ICE MACHINE CLEANER (METAL SAFE)

- A non-foaming metal safe ice machine cleaner safe to use on all types of ice machines including those with nickel plated drums
- Meets Manitowoc's specification GES-6
- USDA accepted

P902-1501 1 GAL \$30.37  
P902-1508 8 OZ AEROSOL \$5.63



### ELECTRONIC AIR CLEANER CONCENTRATE

- Easily removes grease, soot, grime, oil, tobacco tars, wax, carbon, gummy dust, and many other stubborn deposits
- Electronic air filters
- Permanent filters
- Air ducts, grilles, fan blades and blowers
- heating & Refrigeration parts
- USDA accepted

P902-2001 1 GAL \$13.49



P902-4120 TOTALINE SWITCH & CONTACT CLEANER \$8.81



- Cleans: Digs out tough grease, grime, and other stubborn soils
- Sanitizes (non-food surfaces) & Disinfects: Kills 99% of Staphylococcus Aureus and Klbsiella Pneumoniae in just 10 seconds

26832 32OZ SPRAY NINE \$9.55



*A great alternative to Simple Green!*



- Designed for rapid removal of grime and other heavy soils
- Penetrates greasy and oily surfaces
- Pleasantly scented
- Environmentally friendly
- Non-toxic

4186-08 1 GAL GREEN-CLEAN ALL PURPOSE CLEANER \$19.51  
4186-24 1QT GREEN-CLEAN ALL PURPOSE CLEANER \$12.87

CHEMICALS, ADHESIVES & SEALANTS

## MISC. CLEANERS (CONT'D)



**Nu-Calgon**

- Includes: (1) 18oz can of Evap-Fresh, (1) PurCool Green Mini Strip.
- Solution to clean and disinfect coil, blower wheel, condensate pan, and plastic housing of Mini Split indoor units

4151-08 COMPLETE CARE MINI-SPLIT KIT \$18.12

## SPRAYERS



**Nu-Calgon**

- 220CP
- 2 Gallon Tank Sprayer

4771-3 SPRAYER \$62.84



**Nu-Calgon**

- For use with 220CP Sprayer
- Provides "inside out" cleaning of coils

4774-0 COIL GUN \$81.53



**DIVERSITECH**

- Acid impervious poly design; 2 pc detachable nozzle for easy clean up
- Perfect for small areas

1002 48 OZ HAND-HELD SPRAYER \$14.66

**TOTALINE**

**TANK SPRAYER**

- High quality plastic pressure sprayer with funnel top for easy filling
- Reinforced 36" (91 cm) hose and 12" (30 cm) poly/brass wand with adjustable spray head

P902-9002 2 GAL TANK \$52.96  
P902-9015 1 GAL TANK \$45.23

## ODOR CONTROL

**TOTALINE**

**TOTALFRESH ODOR NEUTRALIZER**

- Eliminates odors and air contamination
- Inhibits the growth of certain molds and bacteria
- Solid gel which is basically odorless after 12 hours
- Draws the smell out of the air to give you a clean and healthful atmosphere
- Light odor—1/2 to 1 lb/400 sq ft
- Medium odor—2 lbs/400 sq ft
- Heavy odor—3 to 4 lbs/400 sq ft
- Aqua color



P902-39001 TOTALFRESH (1/2# TUB) \$4.68  
P902-39002 TOTALFRESH (1 # TUB) \$7.68  
P902-39003 TOTALFRESH (3# TUB) \$23.47  
P902-39004 TOTALFRESH SCENTED SPRAY 16OZ \$5.08

## ODOR CONTROL (CONT'D)



**ClenAir**  
Nu-Calgon

**1700D/1900D**

- Fast acting deodorizing system
- Biodegradable, non-toxic, non-staining

**1800D/61001/61020**

- Unique odor neutralizer, not a perfume or cover-up
- Neutralizes smoke, mold mildew, cat litter and pet odors
- Use 1 to 2 pounds of ClenAir Odor Neutralizer for every 400 square feet
- 9-1/2" x 10" x 1-1/2"
- Can be added to any ducted HVAC system to immediately remove odor and provide cleaner, healthier air
- Installs in the air handler against the outlet side of the existing air filter



1700D 16OZ CITRUS CLENAIR \$7.95  
1900D 16OZ CHERRY CLENAIR \$8.76  
1800D 1/2LB TUB CLENAIR ODOR NETRUALIZER CHERRY \$7.06  
61001 1/2LB TUB CLENAIR ODOR NEUTRALIZER ORIGINAL \$7.18  
61020 1/2LB TUB CLENAIR ODOR NETRUALIZER ORANGE \$7.18



**ClenAir**  
Nu-Calgon

- Molecularly reacts with airborne odor-causing compounds and eliminates them and other indoor pollutants leaving clean, fresh air
- Treats 3 ton system for 2 months
- Dealer Design Award

61060 ODOR BLOCK RESIDENTIAL \$20.87



**ClenAir**  
Nu-Calgon

61062 CARBON BLOCK \$50.22

## PAN TREATMENT

**TOTALINE**

**CONDENSATE DRIP PAN CLEANER**

- EPA registered
- Water Activated
- Time released control of microbial contaminants
- Reduces foul odors, drain stoppages, corrosion and promotes system hygiene
- Kills mold, algae, fungus, legionella bacteria and other micro-organisms
- high capacity lasts up to 6 months



P902-38003 COND PAN STRIP (2.56 TON MAX) \$7.37  
P902-38004 COND. PAN STRIP (3-5 TONS) \$9.60  
P902-38005 COND PAN STRIP (6-10 TONS) \$18.14

## WATER TREATMENT

**TOTALINE**

P902-2501 SCALE REMOVER \$52.74  
P902-5501 CORROSION INHIBITOR \$22.11





## PAN TREATMENT (CONT'D)



**PurCool**

- Powerful, economical, preventive maintenance for AC condensate drain pans
- Prevents condensate drain clogs, costly overflow, and corrosion
- Adheres to metal or plastic pans
- Dissolves completely with no residue
- Treats for 6 months

61042	PURCOOL STRIPS 5 TON	\$5.76
61043	PURCOOL STRIPS 3 TON	\$4.83



**4295-36**

- Product is a quaternary-based biocide, formulated in tablet form and enclosed in a plastic housing which in turn is sealed ultrasonically to an absorbent white filter pad
- Water is absorbed by the pad and "wicked" to the tablet, resulting in the immediate, but controlled, release of the powerful biocide
- PanPads can be used in any condensate pan arrangements, either horizontally or vertically
- Treats up to 5 Tons

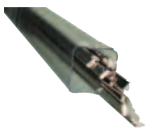


**4296-60**

- Condensate tablets control odors and can prevent overflows by plugged condensate drain lines
- Can also be used on humidifiers
- Extremely easy to use, and is safe, non-corrosive, non-toxic and biodegradable
- 200 Tablets

4295-36	PAN-PADS-5 SLIM	\$6.01
4296-60	PAN TREAT TABLETS	\$24.24

## BRAZING SUPPLIES



95150	SIL-FOS 15% .125" X .050" X 20" 1LB PLASTIC TUBE BRAZING ALLOY	\$73.45
95120	HANDY-FLO 6% .125" X .050" X 20" 1 LB PLASTIC TUBE	\$36.17



- Repair aluminum coils!
- high strength, low temperature braze

99088	ALUMINUM BRAZING RODS	\$24.75
53113	SILVERBRIGHT 5% 1/8" X 116 SPOOL	\$46.44
56619	SILVERBRIGHT 4% 116 SPOOL	\$38.67



NB06Q056FFR	6% QUICKCOIL 5 FT	\$3.84
NB15Q056FFR	15% QUICKCOIL 5FT	\$8.02

## BRAZING SUPPLIES (CONT'D)



98701	SS15 - 3/8" JOINT RING ( 25 / PKG )	\$11.36
98702	SS15 - 1/2" JOINT RING ( 25 / PKG )	\$12.98
98703	SS15 - 5/8" JOINT RING ( 25 / PKG )	\$14.61
98704	SS15 - 3/4" JOINT RING ( 25 / PKG )	\$19.47
98705	SS15 - 7/8" JOINT RING ( 25 / PKG )	\$21.10



SC-10	1-1/2" SAND CLOTH	\$3.80
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40022	FLUX WITH BRUSH CAP	\$4.12
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40027	STAY CLEAN PASTE FLUX	\$3.28
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## TAPE



S-13219	TEFLON TAPE 1/2" x 520"	\$0.44
6-7333	TEFLON TAPE 1/2" x 520"	\$0.44



13945	PREMIUM ELECTRICAL TAPE	\$9.07
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6-3460	ECONOMY ELECTRICAL TAPE 3/4" x 60'	\$0.83
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6-9718	FOAM TAPE	\$6.47
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**CHEMICALS, ADHESIVES & SEALANTS**

**TAPE (CONT'D)**



**TOTALINE**

• 3" x 50YD Extreme Weather Tape

P904-0201 CORK INSULATION TAPE \$17.09



**FOIL TAPE**

322F2 2"x50YD PLAIN FOIL TAPE \$6.25  
322F3 3"x50YD PLAIN FOIL TAPE \$9.25

**ALL WEATHER TAPE**

324A-21/2 2.5"x60YD UL181A-P & b-Fx COLD WEATH \$15.73  
324A3 3"x60YD UL181A-P & b-Fx COLD WEATH FOIL \$14.60

**FSK TAPE**

338FSK2 2" x 50' YD FSK TAPE \$7.14  
338FSK3 3" x 50' YD FSK TAPE \$12.53

**METALLIC DUCT TAPE**

365M-2 2"x60YD METALLIC DUCT TAPE \$9.26  
365M-3 3"x60YD METALLIC DUCT TAPE \$13.24  
367-17-3 3"x100' UL181b-Fx FOILMASTIC TAPE \$23.60

**PREMIUM DUCT TAPE**

398b2 2" x 60YD bLACK DUCT TAPE \$5.35  
398S2 2" x 60YD GRAY DUCT TAPE \$6.65

**FLEX TAPE**

557b2 2"x60YD UL181b-Fx bLACK DUCT TAPE \$12.25  
557M2 2"x60YD UL181b-Fx SILVER DUCT TAPE \$12.25  
557S2 2"x60YD UL181b-Fx GRAY DUCT TAPE \$12.25

**DUCT SEALANTS**



**DS-321-4**  
• Gray  
• high velocity  
• Water based  
• Indoor/Outdoor  
• 1 Gallon



**SG-404-4**  
• Solvent based  
• high velocity  
• Fast drying  
• Flexible  
• 1 Gallon



**VG102**  
• White  
• high velocity  
• Water based  
• Indoor/Outdoor  
• 1 Gallon

DS-321-4 DUCT SEAL #321 DUCT SEALANT \$16.38  
VG102 VERSA GRIP #102 DUCT SEALANT \$13.14  
SG-404-4 SURE GRIP #404 DUCT SEALANT \$29.77

**THREAD SEALANT**



- Adheres to internal surfaces, fills voids, while forming a flexible tight seal
- Specifically formulated for use on metals and plastics subject to extreme vibration
- Impervious to most chemicals including refrigerants, petroleum products, gases, steam, etc
- Alcohol based

CLL-4 PRO-TITE RESIN BASED THREAD SEALANT \$5.84

**PVC PRIMERS & CEMENT**



530-30876 16 OZ REGULAR PVC CEMENT \$4.86  
530-30863 8 OZ REGULAR PVC CEMENT \$7.35  
530-30756 8 OZ PURPLE PRIMER / CLEANER \$6.32  
530-30757 16 OZ PURPLE PRIMER / CLEANER \$11.33  
PWU-8 ALL PURPOSE PVC CEMENT 8 OZ \$6.02  
PWU-16 ALL PURPOSE PVC CEMENT 16 OZ \$8.05



TT-PVC-CEMENT-P 8 OZ AEROSOL PURPLE PVC PIPE FUSION \$8.08  
TT-PVC-CEMENT-C 8 OZ AEROSOL CLEAR PVC PIPE FUSION \$8.08

**HAND CLEANERS**



- hand cleaning towels
- 80 count

4366-87 SCRUBS-IN-A-BUCKET \$27.48  
4185-75 GREAT WIPES \$16.96



P902-9020 TOTALINE HAND WIPES \$14.90



- Premium citrus based hand cleaner
- Quickly dissolves hard to remove soils
- Fine ground American pumice to remove grime
- 9 skin care ingrediants to help protect hands

2215 15OZ CLENAIR CLEN HANDS ORANGE \$4.45

**PEST CONTROL**



**WASP AND HORNET SPRAY**

- Dielectric strength over 40,000 v/cm
- Long spray pattern up to 20 feet aid in reaching nests
- 16 oz. Can (454 grams)

P902-4016 TOTALINE OILS & CHEMICALS \$ 6.64  
4292-75 NU-KILL II \$12.53





# PARTS & SUPPLIES CATALOG

## REFRIGERANT



R22-0010 R-22 10# Jug  
 R22-0030 R-22 30# Jug  
 R410A-0025 R-410A 25# Jug  
 MO99 R22 ALTERNATIVE REFRIGERANT  
 R407C-0025 Freon

CALL  
 CALL  
 CALL  
 CALL  
 CALL

## CYLINDERS

### REFRIGERANT RECLAIM



**CE MID ATLANTIC OFFERS REFRIGERANT RECLAIM AT ALL OF ITS LOCATIONS, AND WILL PAY THE CONTRACTOR FOR RETURNING 99.5% PURE R-22.**

**SEE STORE FOR DETAILS!**

30EMPTY	30# TANK - R-410A	\$89.00
50EMPTY	50# EMPTY REFRIGERANT CYLINDER F/ RECLAIM	\$108.04



**ARE YOU AN HVAC PROFESSIONAL?  
THIS IS YOUR APP!**

## INTERACTIVE AND COMFORTABLE

Carrier Enterprise (CE) is a subsidiary of the largest independent HVAC/R distribution company in the world, Watsco, Inc. CE proudly distributes the Carrier, Bryant, Payne, and Gree brands of HVAC equipment, as well as a full-line of aftermarket parts, supplies, and accessories. CE has over 150 locations throughout 28 states, Canada, Puerto Rico, the Caribbean, and Latin America.

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



**GET IT TODAY!**

[WWW.CARRIERENTERPRISE.COM](http://WWW.CARRIERENTERPRISE.COM)



**CHEMICALS, ADHESIVES & SEALANTS**



**CONTROLS**

## SMOKE & CO ALARMS



- 21007450**
- battery Powered
  - Voice alarm
  - Test/Reset button
  - LED's
  - Low battery warning
  - 7 Year battery life
  - Sold each



- 900-0136-003**
- Sealed-In Lithium battery
  - Self activation
  - Alarm Memory
  - Smart hush
  - Test/Reset button
  - End of Life warning
  - Tamper resistant
  - LED's
  - Sold each



- 21006973**
- AC Powered
  - Plug-In
  - Digital display
  - Measures as low as 11ppm
  - Peak level button
  - 9V battery backup
  - Test button functions
  - LED's
  - Sold bulk pack of 6

21007450 900-0216)	COMBO CO/SMOKE ALARM (VENDOR #	\$32.40
900-0136-003	SMOKE ALARM ( VENDOR # 900-0136 )	\$20.38
21006973 900-0076 )	CARBON MONOXIDE ALARM (VENDOR #	\$33.19

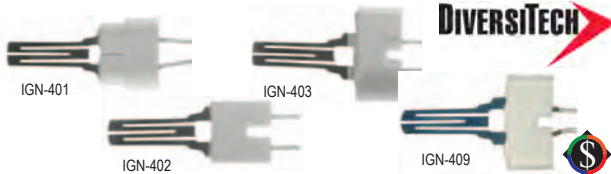


- Loud audible alarm sounds when dangerous levels of CO are present
- Peak level memory button
- 9V battery back-up
- Continuous digital display
- Direct plug

COALMBBNRB01

COALMBBNRB01	BRYANT CARBON MONOXIDE ALARM	\$81.00
COALMCCNRB01	CARRIER CARBON MONOXIDE ALARM	\$81.00

## REPLACEMENT IGNITORS



IGN-401	TRUESTART DIRECT REPLACEMENT SILICONE CARBIDE H.S.I.	\$25.09
IGN-402	TRUESTART DIRECT REPLACEMENT SILICONE CARBIDE H.S.I.	\$25.09
IGN-403	TRUESTART DIRECT REPLACEMENT SILICONE CARBIDE H.S.I.	\$25.09
IGN-409	TRUESTART DIRECT REPLACEMENT SILICONE CARBIDE H.S.I.	\$25.09

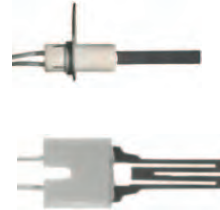
## UNIVERSAL IGNITORS



**TOTALINE**

- Silicon Nitride
  - 100% tested and certified
  - Every ignitor goes through a 3 point test to ensure quality and dead on arrivals a thing of the past
  - Simple installation
  - No additional control module needed
  - Works with existing OEM control panels
- IGN-1F**

P694-700-2-1	TOTALINE HOT SURFACE IGNITOR KIT FLAT	\$24.12
P694-700-4-1	TOTALINE HOT SURFACE IGNITOR KIT RND	\$24.71



- IGN-1R**
- Includes 1 round silicon nitride ignitor, 2 mounting adapter brackets, hardware and full installation instructions

IGN-1R	TRUESTART UNIVERSAL IGNITOR KIT	\$27.01
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IGN-001	TRUESTART UNIV. SILICONE CARBIDE H.S.I.	\$27.81
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IGN-2	WOLVERINE UNIV. SILICONE NITRIDE H.S.I.	\$33.25
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**Honeywell**

- Replaces over 110 OEM Ignitors
- Silicone Nitride heats up faster than silicone carbide

Q3200U1004	GLOWFLY UNIVERSAL H.S.I.	\$26.16
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## PRIMARY OIL CONTROL



**Honeywell**

- Adjustable valve-on delay, burner motor-off delay, lockout timings
- Advanced programming with quick-fix diagnostic indicator for easy troubleshooting
- Error history and baseline reading

R7284U1004	UNIVERSAL DIGITAL OIL PRIMARY	\$63.20
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## GAS VALVES



**SV9501M2528** **Honeywell**

- Standard Opening
- 3/4" inlet x 3/4" Outlet
- Includes Nat to LP Conv Kit
- OEM for ICP, heil, Tempstar, Arcoaire, Comfortmaker



**SV9641M4510**

- Standard Opening
- 3/4" inlet x 3/4" Outlet
- Includes combustion air control & limit monitoring
- Includes Qty 2 - 3/4" x 1/2" bushings and Nat to LP Conv Kit
- OEM for ICP, heil, Tempstar, Arcoaire, Comfort-maker

SV9501M2528	24V INTERMITTENT HSI PILOT SMART VALVE	\$199.00
SV9641M4510	24V INTERMITTENT HSI PILOT SMART VALVE	\$239.00



**VR8200A2132** **Honeywell**

- Standard
- 1/2" inlet x 1/2" Outlet
- Includes Qty 1 - 1/2" x 3/8" straight bushing, Qty 1 - 3/4" straight flange, Qty 1 hex wrench, Qty 1 - Nat to LP Conv Kit



**VR8345M4302**

- Standard
- 3/4" inlet x 3/4" Outlet
- Includes Qty 2 - 3/4" x 1/2" bushings, Qty 1 - Nat to LP Conv Kit



**VR8345Q4563**

- 2-Stage
- 3/4" inlet x 3/4" Outlet
- Includes Qty 2 - 3/4" x 1/2" bushings, Qty 1 - Nat to LP Conv Kit

VR8200A2132	24V STANDING PILOT COMBINATION GAS VALVE	\$75.98
VR8345Q4563	24V 3/4" NPT INLET / OUTLET GAS VALVE	\$101.71
VR8345M4302	24V DUAL DIRECT IGNITION INTERMITTENT PILOT GAS VALVE	\$131.99



- 24V Operator, Slow opening, Single Stage, LP Kit Included
- Inlet & outlet pressure taps
- Replaces single & dual valve standing pilot controls with rated capacity on natural gas at 130K BTU/hR: Honeywell - V800 & VR800, White Rodgers: 36C03-300, 36C03-330, 36C03-400, & 36C03-433, ITT General: b57RA68, b57RF68, b57Rh161, b59R02, b59R06, Robertshaw: 700-400, 700-402, & 700-406, tSteveco: 3215-508



**P681-VR8345M** **TOTALINE**

- Control includes manual valve
- 2 automatic operators
- Pressure regulators
- Pilot adjustment, pilot plug, & ignition adapter
- Max capacity of 415K BTU; Natural Gas or LP

P681-1501	UNIVERSAL GAS VALVE	\$109.00
P681-VR8345M	UNIVERSAL GAS VALVE ELEC IGNITION	\$131.63

## UNIVERSAL THERMOCOUPLES



- Replaces almost any 30 mV thermocouple
- Average operating life of ten years
- Bottom lock design allows for one hand installation
- Universal adapter makes this the two-to-one installer-preferred thermocouple in independent HVAC survey

P671-4242	TOTALINE THERMOCOUPLE 24 INCH	\$7.01
P671-4302	TOTALINE THERMOCOUPLE 30 INCH	\$7.01
P671-4362	TOTALINE THERMOCOUPLE 36 INCH	\$8.10
P671-4482	TOTALINE THERMOCOUPLE 42 INCH	\$8.81

## FAN & LIMIT CONTROLS



**Honeywell**

L4064b2210	11.5" FAN & LIMIT	\$86.00
L4064b2236	8" FAN & LIMIT	\$86.00
L4064W1098	8" FAN & LIMIT	\$124.99

## IGNITION MODULES



**S8610U3009** **Honeywell**

- Intermittent Pilot
- 1 or 2 rod flame sensor
- 15 sec trial time
- 5 min delay after failure
- Nat or LP



**S8910U1000**

- hot Surface Ignition
- 1 or 2 rod flame sensor
- 4 or 7 sec ignition trial time
- 90 sec delay after failure
- Nat or LP

S8610U3009	UNIVERSAL PILOT MODULE	\$104.25
S8910U1000	UNIVERSAL HSI MODULE	\$111.07



LH33WP002	CARRIER IGNITOR MODULE	\$225.14
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## CONTROL BOARDS



CESO110057-02



325878-751	CARRIER CIRCUIT BOARD	\$190.08
CESO110057-02	CARRIER CIRCUIT BOARD	\$118.49
CESO110063-02	CARRIER CIRCUIT BOARD	\$69.99

**CONTROLS**

## CONTROL BOARDS (CONT'D)



### Honeywell

**S9200U1000**  
 • Replaces most brands - ie Goodman, Nordyne, Trane, White-Rodgers, York



**ST9103A1002**  
 • Electronic fan timer  
 • Fixed or field-adjustable heat fan on delay  
 • Field adjustable heat fan off delay  
 • Replaces ST9103A1028



**ST9120U1011**  
 • Universal Electronic Fan Timer with adjustable heat fan on, heat fan off, cool fan on, and cool fan off  
 • Replaces any ST9101, ST9120, ST9141 or ST9160

S9200U1000	UNIVERSAL INTEGRATED FURNACE CONTROL	\$99.54
ST9103A1002	ELECTRONIC FAN TIMER	\$95.11
ST9120U1011	UNIVERSAL ELECTRONIC FAN TIMER	\$107.06



**ICM281**  
 • Replaces Carrier CESO110057-xx series boards



**ICM282**  
 • Replaces Carrier hK42FZ0-xx series boards



**ICM291**  
 • Replaces Carrier Lh33WP003/3A series boards



**ICM-321C**  
 • Replaces Carrier CESO110063-xx boards



**ICM-322C**  
 • Replaces Carrier CESO130024-00, CESO110063-02 boards

ICM281	FURNACE CONTROL BOARD	\$83.26
ICM282	FURNACE CONTROL BOARD	\$134.26
ICM291	FURNACE CONTROL BOARD	\$169.84
ICM-321C	DEFROST CONTROL BOARD	\$44.60
ICM-322C	DEFROST CONTROL BOARD	\$43.25

*ICM Boards do not qualify as warranty replacements for Bryant/Carrier/Payne*

## CONTROL BOARDS (CONT'D)



- Preserve the original manufacturers factory warranty
- Original specific on-delay timing sequences
- Exact pre-purge and post purge timing to match furnace type
- 20 amp cooling rating
- Exact electrical connections and settings
- Include all UL approvals for the parts in the original equipment

HK32EA001	FAP DEFROST CONTROL BOARD	\$78.47
HK38EA012	FAP CIRCUIT BOARD	\$296.65
HK38EA023	FAP CIRCUIT BOARD	\$337.42
HK42FZ034	FAP CIRCUIT BOARD	\$178.00
HK42FZ035	FAP CIRCUIT BOARD	\$283.38

## HUMIDISTATS



- Universally compatible
- Wall or duct mounted
- Dust proof switch
- 24 volt control voltage
- Adjustable from 0-60% Rh

P110-0002	HUMIDISTAT	\$30.00
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## THERMOSTATS NON-PROGRAMMABLE



- TT-N-411/TT-N-421**
- Battery Powered or hardwired
  - Compressor short-cycle delay
  - Adjustable heating/cooling temp. Swing adjustable set point limits
  - 2 year warranty



TT-N-411	1H / 1C VALUE SERIES	\$22.44
TT-N-421	2H / 1C VALUE SERIES	\$24.21



- P710U-21NHP**
- The perfect stat to go with your Payne bundle or Payne System
  - Universal Application
  - Auto Changeover; 4 sq in display
  - Designed and assembled in the USA
  - 5 yr warranty

P710U-21NHP	2H/1C PERFORMANCE SERIES PAYNE STAT	\$44.10
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## NON-PROGRAMMABLE THERMOSTATS (CONT'D)



### TP-N-701

- 4" Display Screen
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjust-able setpoint limits
- 5 year warranty



### TP-N-721

- 4" Display Screen
- Filter Change Reminder
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjust-able setpoint limits
- 5 year warranty



### TP-N-751/TT-N-751H

- 6" Display Screen
- Filter Change Reminder
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjust-able setpoint limits
- 5 year warranty

TP-N-701	1H / 1C GOOD SERIES	\$32.21
TP-N-721	2H / 1C GOOD SERIES	\$42.68
TP-N-751	3H / 2C GOOD SERIES	\$50.36
TT-N-751	H 3H / 2C HP GOOD SERIES	\$46.61



### TP-N-801

- 8" Display Screen
- Auto-Changeover
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty



### TP-N-851

- 8" Display Screen
- Auto-Changeover
- Keypad Lockout
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty

TP-N-801	1H / 1C BETTER SERIES	\$51.18
TP-N-851	3h / 2C BETTER SERIES	\$62.82



### TH1110D1000

- Budget price
- Basic operation
- horizontal option available
- 2 yr warranty



TH1110D1000	1H/1C NON PROG PRO 1000	\$24.12
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## NON-PROGRAMMABLE THERMOSTATS (CONT'D)



### TH3110/TH3210

- Battery or Hardwire power
- 5 yr warranty



TH3110D1008	1H/1C NON PROG PRO 3000	\$29.16
TH3210D1004	2H/1C NON PROG PRO 3000	\$40.68



### TH5110

- Large Display
- Battery or Hardwire power
- 5 yr warranty

TH5110D1006	1H/1C NON PROG FOCUSPRO 5000	\$40.69
TH5110D1022	1H/1C NON PROG FOCUSPRO 5000	\$47.69



### TH5220

- Large Display
- Battery or Hardwire power
- 5 yr warranty

TH5220D1003	2H/2C NON PROG FOCUS PRO 5000	\$47.01
TH5220D1029	2H/2C NON PROG FOCUS PRO 5000	\$55.10



### T1-NAC01/ T1-NHP01

- Most inexpensive Bryant branded thermostat
- Batteries optional



### T2-NAC01/ T2-NHP01

- Retains settings during power outage
- Large, easy to read backlit LCD screen
- Touch'N'Go programming
- Batteries optional



### T6-NAC01/ T6-NHP01

- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

### T6-NRH01-A

- Hybrid heat/Dual Fuel compatible
- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

T1-NAC01	1H/1C; BASE AC THERMOSTAT	\$34.00
T1-NHP01	2H/1; BASE HP THERMOSTAT	\$46.00
T2-NAC01	1H/1C; LEGACY AC THERMOSTAT	\$66.00
T2-NHP01	3H/2C; LEGACY HP THERMOSTAT	\$75.00
T6-NAC01	1H/1C; PREFERRED AC THERMOSTAT	\$140.00
T6-NHP01	3H/2C; PREFERRED HP THERMOSTAT	\$148.80

CONTROLS

**CE MID-ATLANTIC PARTICIPATES IN THE HONEYWELL CONTRACTOR PRO PROGRAM. PLEASE CONTACT YOUR LOCAL BRANCH MANAGER OR TERRITORY MANAGER FOR DETAILS.**

**CONTROLS**

## NON-PROGRAMMABLE THERMOSTATS (CONT'D)



**TB-NAC01/ TB-NHP01**

- Most inexpensive Bryant branded thermostat
- Batteries optional



**TC-NAC01/ TC-NHP01**

- Retains settings during power outage
- Large, easy to read backlit LCD screen
- Touch'N'Go programming
- batteries optional



**TP-NAC01/TP-NHP01**

- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

**TP-NRH01-B**

- Hybrid heat/Dual Fuel compatible
- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

TB-NAC01	1H/1C; BASE AC THERMOSTAT	\$34.00
TB-NHP01	2H/1; BASE HP THERMOSTAT	\$46.00
TC-NAC01	1H;1C; COMFORT AC THERMOSTAT	\$66.00
TC-NHP01	3H/2C; COMFORT HP THERMOSTAT	\$75.00
TP-NAC01-A	1H/1C; PERFORMANCE AC THERMOSTAT	\$132.00
TP-NHP01	3H/2C; PERFORMANCE HP THERMOSTAT	\$141.00
TP-NRH01-B	3H/2C; PERFORMANCE THERMIDISTAT & HYBRIDHEAT THERMOSTAT	\$175.00

## PROGRAMMABLE THERMOSTATS (CONT'D)



**TP-S-755**

- 5/1/1 Prog or Non-Prog;Programmable Fan
- 6" Display Screen
- Filter Change Reminder
- battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty



**TP-S-755R**

- 5/1/1 Prog or Non-Prog;Programmable Fan
- Average & Remote Sensing Capable
- 6" Display Screen
- Filter Change Reminder
- battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty

TP-S-755	3H / 2C HP GOOD SERIES	\$56.85
TP-S-755R	3H / 2C HP GOOD SERIES	\$74.86



**TP-S-855C**

- A/C or hP
- 5/1/1 or 7Day Programmable
- 8" Display Screen
- Auto-Changeover
- Keypad Lockout
- Lite Commercial Compatible
- battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty



TP-S-855C	2H / 2C BETTER SERIES	\$70.87
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## PROGRAMMABLE THERMOSTATS



**TT-P-411/TT-P-421**

- 5/2 Programmable
- battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 2 year warranty

TT-P-411	1h / 1C VALUE SERIES	\$25.20
TT-P-421	2h / 1C HP VALUE SERIES	\$31.73



**PRIVATE LABEL PROGRAM AVAILABLE!**

**P710U-21PHP**

- The perfect stat to go with your Payne bundle or Payne System
- Universal Application
- Auto Changeover; 4 sq in display
- Designed and assembled in the USA
- 5 yr warranty



P710U-21PHP	2H/1C PERFORMANCE SERIES PAYNE STAT	\$48.60
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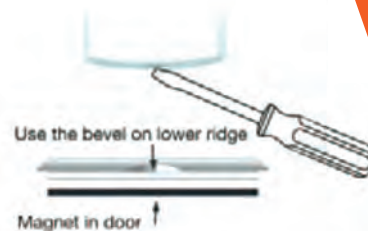
**TP-P-705**

- 5/1/1 Programmable
- 4" Display Screen
- battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty



TP-P-705	1H / 1C GOOD SERIES	\$35.64
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**ASK ABOUT OUR FREE DEALER IMPRINT OPTION AVAILABLE ON OUR VIBE THERMOSTATS**



Use the bevel on lower ridge  
Magnet in door  
Gently slide a screwdriver into the bottom edge of the badge. Gently turn the screwdriver counter clockwise. The badge is held on by a magnet in the wall of the battery door. The badge should pry off easily. Do not use force.

ABC COOLING  
888-321-4321  
www.abccooling.com



## PROGRAMMABLE THERMOSTATS (CONT'D)



### TT-S-925

- Touchscreen
- Blue backlight
- 5/1/1 or 7 Day Programmable
- Easy Menu Driven Programming
- 13" Display Screen
- Auto-Changeover
- Keypad Lockout
- Lite Commercial Compatible
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty



### TP-S-955C

- Touchscreen
- Blue backlight
- 5/1/1 or 7 Day Programmable
- 13" Display Screen
- Auto-Changeover
- Keypad Lockout
- Lite Commercial Compatible
- Battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjust-able setpoint limits
- 5 year warranty

TT-S-925	3H / 2C HP BEST SERIES	\$92.94
TP-S-955C	3H / 2C A/C OR HP BEST SERIES	\$106.91



### TH4110/TH4210

- Battery or Hardwire power
- 5 yr warranty



TH4110D1007	1H/1C 5-2 DAY PROG PRO 4000	\$35.14
TH4210D1005	2H/1C 5-2 DAY PROG PRO 4000	\$45.85



### TH6110/TH6220

- Large Display
- Simple Programming
- Easy-access battery replacement
- Dual Powered
- 5 yr warranty

TH6110D1005	1H/1C 5-1-1 DAY PROG FOCUS PRO 6000	\$56.45
TH6110D1021	1H/1C 5-1-1 DAY PROG FOCUS PRO 6000	\$61.74
TH6220D1002	2H/2C 5-1-1 DAY PROG FOCUS PRO 6000	\$62.10
TH6220D1028	2H/2C 5-1-1 DAY PROG FOCUS PRO 6000	\$66.50



• Version 2

T200477W	NEST THERMOSTAT-2	\$243.00
T3008US	NEST THERMOSTAT-3	\$243.00

## PROGRAMMABLE THERMOSTATS (CONT'D)



### T1-PAC01/ T1-PHP01

- Most inexpensive bryant branded thermostat
- Batteries optional



### T2-PAC01/ T2-PHP01

- Retains settings during power outage
- Large, easy to read backlit LCD screen
- Touch'N'Go programming
- Batteries optional



### T6-PAC01/ T6-PHP01

- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

### T6-PRH01-A

- hybrid heat/Dual Fuel compatible
- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

T1-PAC01	1H/1C; BASE AC THERMOSTAT	\$47.00
T1-PHP01	2H/1C; BASE HP THERMOSTAT	\$56.00
T2-PAC01	1H/1C; LEGACY AC THERMOSTAT	\$98.00
T2-PHP01	3H/2C; LEGACY HP THERMOSTAT	\$114.00
T6-PAC01	1H/1C; PREFERRED AC THERMOSTAT	\$167.00
T6-PHP01	3H/2C; PREFERRED HP THERMOSTAT	\$188.00
T6-PRH01-A	3H/2C; PREFERRED THERMIDISTAT & HYBRIDHEAT THERMOSTAT	\$246.00

CONTROLS



### TB-PAC01/ TB-PHP01

- Most inexpensive Bryant branded thermostat
- Batteries optional



### TC-PAC01/ TCPHP01

- Retains settings during power outage
- Large, easy to read backlit LCD screen
- Touch'N'Go programming
- Batteries optional



### TP-PAC01-A/ TP-PHP01-A

- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

### TP-PRH01-B

- hybrid heat/Dual Fuel compatible
- IAQ replacement reminders
- Compatible w/2 stage outdoor units
- Memory card & expansion port for personal computer programming

TB-PAC01	1H/1C; BASE AC THERMOSTAT	\$47.00
TB-PHP01	2H/1C; BASE HP THERMOSTAT	\$56.00
TC-PAC01	1H/1C; COMFORT AC THERMOSTAT	\$98.00
TC-PHP01	3H/2C; COMFORT HP THERMOSTAT	\$114.00
TP-PAC01-A	1H/1C; PERFORMANCE AC THERMOSTAT	\$156.00
TP-PHP01-A	3H/2C; PERFORMANCE HP THERMOSTAT	\$179.00
TP-PRH01-B	3H/2C; PERFORMANCE THERMIDISTAT & HYBRIDHEAT THERMOSTAT	\$233.00



**CONTROLS**

## WIRELESS THERMOSTATS & ACCESSORIES

**TOTALINE**



### EZ3-WI43

- The EZ3 offers an intuitive, easy to use touch and swipe interface, so you can manage the settings easily.

EZ3-WI43 EZ3 WI-FI® THERMOSTAT \$159.00

## WIRELESS THERMOSTATS & ACCESSORIES

**Honeywell**



### TH5320R1002

- RedLINK enabled for wireless use
- battery powered

TH5320R1002 3H/2C NON PROG FOCUS PRO 5000 REDLINK \$112.78



### YTH5320R1025

- Includes Th5320R1002 RedLINK stat, ThM4000R1000 Wireless Adapter
- Everything you need to relocate or upgrade w/ a non-programmable thermostat without running new wires.

YTH5320R1025 WIRELESS FOCUSPRO 5000 KIT \$137.11



### YTH6320R1015

- Includes: Th6230R1004 RedLINK stat, ThM5320R1000 Equip Interface Module, C7735A1000 Rtn Air Sensor, REM5000R1001 Person Comfort Cntl, C7089R1003 Wireless outdoor sensor
- Everything you need to relocate or upgrade w/ a programmable thermostat without running new wires

YTH6320R1015 WIRELESS FOCUSPRO 6000 KIT \$287.61  
YTH6320R1023 ZONING ADAPTERT \$152.35



### YTH6320R1023

- Includes: Th6320R1004 RedLINK stat, ThM4000R1000 Wireless Adapter
- Everything you need to relocate or upgrade w/ a programmable thermostat without running new wires



### TH6320R1004

- Large Display & Simple Programming
- Easy-access battery replacement
- Dual Powered
- 5 yr warranty

TH6320R1004 3H/2C 5-1-1 DAY PROG FOCUS PRO 6000 REDLINK \$128.98

## WIRELESS THERMOSTATS & ACCESSORIES (CONT'D)

**Honeywell**



### TH8110/TH8320

- Lt Commercial or Residential
- 10sq-in display
- MicroSD port for uploading Dealer info
- 5 yr warranty
- TH8321R1001**
- Use for dual fuel applications
- MicroSD port for uploading Dealer info
- 10sq-in display
- 5 yr warranty
- Can control humidifier / dehumidifier

TH8110R1008	1H/1C 7 DAY PROG VISION PRO 8000 REDLINK	\$141.83
TH8320R1003	3H/2C 7 DAY PROG VISION PRO 8000 REDLINK	\$136.00
TH8321R1001	3H/2C 7 DAY PROG VISION PRO 8000 REDLINK	\$150.00



### YTHX9421R5085WW

- Lt Commercial or Residential
- Delta T Alerts & Diagnostics
- Performance log
- 5 yr warranty

YTHX9421R5085WW 4H/2C 7 DAY PROG PRESTIGE IAQ REDLINK \$248.07



### TH6320WF1005

- Remotely monitor comfort settings from anywhere
- Connect using a computer, tablet, or smartphone
- Hardwire power
- 5 yr warranty

TH6320WF1005 WIFI 3H/2C 7 DAY PROG FOCUS PRO 6000 \$108.62



### TH8321WF1001

- Up to 3h/2C
- Remotely monitor comfort settings from anywhere
- Connect using a computer, tablet, or smartphone
- Hardwire power
- 5 year warranty

TH8321WF1001 WIFI VISIONPRO 8000 \$160.52



## WIRELESS THERMOSTATS & ACCESSORIES (CONT'D)

## WIRELESS THERMOSTATS & ACCESSORIES (CONT'D)



- Touchscreen
- Blue backlight; Wireless
- 1/1 or 7 Day Programmable
- 13" Display Screen
- Auto-Changeover
- Average & Remote Sensing Capable
- Keypad Lockout
- Lite Commercial Compatible
- battery Powered or hardwired
- Compressor short-cycle delay
- Adjustable heating/cooling temp. swing adjustable setpoint limits
- 5 year warranty

TP-S-955WH WIRELESS 3h / 2C BEST SERIES \$179.81



- TP-S-701i**
- Non-programmable standard
  - Programmable through optional app
  - 4 sq in display
  - blue backlight
  - 5 minute compressor delay protection
  - 24v power
  - Simple private label program
  - Easy-wire color coded terminal blocks



- TP-S-855i**
- 7 Day programmable
  - Optional app
  - Easy menu driven programming
  - 8 sq in display
  - blue backlight
  - 5 minute compressor delay protection
  - 24v power
  - Simple private label program
  - Easy-wire color coded terminal block

TP-S-701i 1H/1C WIFI THERMOSTAT \$78.55  
 TP-S-855i 4H/2C WIFI THERMOSTAT \$125.46



**YTHM5421R1010 / THM5320R1000**

YTHM5421R1010 REDLINK EQUIPMENT INTERFACE MODULE \$56.17  
 THM5320R1000 REDLINK EQUIPMENT INTERFACE MODULE \$111.33



- THM4000R1000**
- Wireless adapters allows easy addition of RedLINK enabled thermostats to TrueZONE systems
  - Add wireless humidity control with RedLINK-enabled TrueSTEAM
  - Boosts the range of RedLINK

THM4000R1000 WIRELESS ADAPTER \$48.74



- THM6000R1002**
- Connects any RedLINK Comfort System to the internet to allow remote access
  - No monthly fee, free app download
  - Works with any PrestigeIAQ; Prestige; New Vision-PRO; & Wireless FocusPRO

THM6000R1002 REDLINK INTERNET GATEWAY \$86.94



- C7089R1013**
- Up to 5 yrs of battery power
  - Installs wirelessly
  - Displays outdoor temperature and humidity on all RedLINK-enabled devices

C7089R1013 REDLINK OUTDOOR AIR SENSOR \$49.25



- C7089U1006**
- Outdoor temp displayed on stat when used
  - Includes mounting clip
  - 60" lead wires
  - Max wire run of 200'

C7089U1006 WIRED OUTDOOR AIR SENSOR \$22.10



- C7189R1004**
- Works with PrestigeIAQ / Prestige and VisionPRO
  - Manages temperature and humidity separately
  - Changes sensing location of stat
  - humidify and dehumidify separate spaces
  - Up to 6 sensors per stat

C7189R1004 R EDLINK INDOOR AIR SENSOR \$35.10  
 C7189U1005 WIRED INDOOR AIR SENSOR \$25.11



- C7735A1000**
- Works with ThM5320R1000 Equipment Interface Module if power is lost at the wireless thermostat
  - Takes control by turning on blower fan and sensing indoor temperature
  - Controls heating at 62F and cooling at 82F
  - Installs in minutes
  - Includes mounting hardware

C7735A1000 RETURN DUCT BACKUP SENSOR \$38.90



• Match w/ TT-955W

TT-RIS-251S INDOOR REMOTE TEMP SENSOR - WIRED \$16.97  
 TT-RIS-251W INDOOR REMOTE TEMP SENSOR - WIRELESS \$57.67  
 TT-ROS-250W OUTDOOR REMOTE TEMP SENSOR - WIRELESS \$41.42

CONTROLS

**THERMOSTAT COVER PLATE**

**Honeywell**



- Cover Plate Assembly For Th3000, Th4000, Th5000, Th6000 Series Thermo-stats
- Contains Medium Cover Plate - 5" x 7", Large Cover Plate - 6" x 8 1/4", bracket And Mounting Hardware

50002883-001 HONEYWELL COVER PLATE

\$9.61

**ZONING**

**Honeywell**



- HZ221**
- 1 heat / 1 cool
  - Robust push terminals
  - Variable speed fan control



- HZ221K**
- Includes zone panel, Transformer, Discharge Air Temperature Sensor



- HZ311**
- 1 heat / 1 cool
  - Robust push terminals
  - Variable speed fan control



- HZ311K**
- Includes zone panel, Transformer, Discharge Air Temperature Sensor



- HZ322**
- Up to 2 heat / 2 Cool conventional, heat pump, or dual fuel
  - Intuitive, easy to follow setup
  - Standard checkout procedure
  - Robust push terminals
  - Variable speed fan control
  - Use with TAZ-4 to expand to 32 zones
  - RedLINK enabled for up to 4 wireless zones (use ThM4000R100 adapter)



- HZ322K**
- Includes zone panel, Transformer, Discharge Air Temperature Sensor

HZ221	2 ZONE TRUEZONE PANEL	\$128.98
HZ221K	2 ZONE TRUEZONE PANEL KIT	\$158.46
HZ311	3 ZONE TRUEZONE PANEL	\$119.83
HZ322	3 ZONE TRUEZONE PANEL	\$158.89
HZ311K	3 ZONE TRUEZONE PANEL KIT	\$149.45
HZ322K	3 ZONE TRUEZONE PANEL KIT	\$193.23

**ZONING (CONT'D)**

**Honeywell**



- HZ432**
- Up to 3 heat / 2 Cool conventional, heat pump, or dual fuel
  - Intuitive, easy to follow setup
  - Standard checkout procedure
  - Robust push terminals
  - Variable speed fan control
  - Use with TAZ-4 to expand to 32 zones
  - RedLINK enabled for up to 4 wireless zones (use ThM4000R100 adapter)
  - Dual fuel applications



- HZ432K**
- Includes zone panel, Transformer, Dis-charge Air Temperature Sensor

HZ432	4 ZONE TRUEZONE PANEL	\$315.09
HZ432K	4 ZONE TRUEZONE PANEL KIT	\$335.46

**Honeywell**



- TAZ-4**
- Used with hZ432 Panel to expand number of zones
  - Use multiple TAZ-4 Control Panels to control up to 32 zones

TAZ-4	ADD-A-ZONE CONTROL PANEL	\$189.59
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**Honeywell**



ARD6TZ	6" ROUND AUTOMATIC DAMPER	\$113.00
ARD8TZ	8" ROUND AUTOMATIC DAMPER	\$116.28
ARD10TZ	10" ROUND AUTOMATIC DAMPER	\$119.58
ARD12TZ	12" ROUND AUTOMATIC DAMPER	\$125.43
ARD14TZ	14" ROUND AUTOMATIC DAMPER	\$139.13
ARD16 TZ	16" ROUND AUTOMATIC DAMPER	\$165.26

**Honeywell**



- M847D1012**
- Low voltage, spring-return damper actuator
  - Use with ARD, ERD, & ZD dampers
  - Equipped with anti-rotation & drive shaft extensions for direct mounting to 7/16" diameter coupling style dampers
  - Adjustable range stops
  - Direct replacement for M847D1004

M847D1012	24 VAC ACTUATOR	\$80.81
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**Honeywell**



- Quick installation & set-up
- No weight to adjust
- Can be installed in any orientation
- Engineered to provide constant system pressure regardless of changes in zone or blower speed

CPRD8	8" TRUEZONE BYPASS DAMPER	\$97.58
CPRD10	10" TRUEZONE BYPASS DAMPER	\$101.48
CPRD12	12" TRUEZONE BYPASS DAMPER	\$103.83
CPRD14	14" TRUEZONE BYPASS DAMPER	\$115.52





## ZONING (CONT'D)



### Honeywell

- Visual position indicator for damper status
- Parallel blade design for low leakage performance
- Simple two-wire installation
- 24-volt spring-return motor
- Fail-safe, normally open operation
- Damper can be installed in any orientation

ZD10X8	10"X8" PARALLEL BLADE DAMPER	\$147.21
ZD12X8	12"X8" PARALLEL BLADE DAMPER	\$153.19
ZD14X8	14"X8" PARALLEL BLADE DAMPER	\$155.56
ZD16X8	16"X8" PARALLEL BLADE DAMPER	\$157.35
ZD18X8	18"X8" PARALLEL BLADE DAMPER	\$164.99
ZD20X8	20"X8" PARALLEL BLADE DAMPER	\$171.13
ZD22X10	22"X10" PARALLEL BLADE DAMPER	\$185.26
ZD24X10	24"X10" PARALLEL BLADE DAMPER	\$185.26
ZD24X8 2	4"X8" PARALLEL BLADE DAMPER	\$169.00

## GENERATOR MAINTENANCE KITS



### Honeywell

- Includes Generac branded Oil, OEM Oil Filter, OEM Air Filter, OEM Spark Plugs, Oil Funnel, Oil Rag

GEN-MAINT-0J576600SM	10KW MAINTENANCE KIT (FOR MODELS PRIOR TO 2013)	\$31.00
GEN-MAINT-0J576700SM	12-18KW MAINTENANCE KIT (FOR MODELS PRIOR TO 2013)	\$35.00
GEN-MAINT-0J576800SM	20KW MAINTENANCE KIT (FOR MODELS PRIOR TO 2013)	\$36.00
6483	11KW MAINTENANCE KIT (FOR 2013 AND LATER MODELS)	\$24.00
6484	15KW MAINTENANCE KIT (FOR 2013 AND LATER MODELS)	\$25.00
GEN-MAINT-0J932300SM	20KW MAINTENANCE KIT (FOR 2013 AND LATER MODELS)	\$41.00

## GENERATORS



### Honeywell

- Aluminum Enclosure
- base Facia
- Quiet Test
- Mobile Link monitoring
- GFCI Outlet
- 5 Year Parts & Labor Warranty

6442 11KW	AIR COOLED STANDBY GENERATOR	\$3,092.00
GEN-6702	16KW AIR COOLED STANDBY GENERATOR	\$4,089.00
GEN-6554	22KW AIR COOLED STANDBY GENERATOR	\$5,036.00
6037 5500	WATT PORTABLE GENERATOR W/ ELECTRIC START	\$892.00

## DISCONNECTS & WHIPS



U035F2	30A FUSE DISC	\$8.06
U065P	60A NON-FUSE DISC	\$6.84
U065F1	60A FUSE DISC	\$12.46
TP-WHIP-1/2X6NM	1/2 X 6 #10 THHN WHIP NON MET	\$14.87
TP-WHIP-3/4X6NM	3/4 X 6 #8 THHN WHIP NON MET	\$19.15
TP-30AMP	30A FUSE DISC	\$26.31
TP-60AMP	60A FUSE DISC	\$26.88
TP-60AMP-NF	60A NON-FUSE DISC	\$12.60

## GENERATOR PAD



### Honeywell

- Use with 11, 16, 22 KW Generators
- Flat bottom virtually eliminates sinking
- 1/2 the weight of poured concrete
- Meets NFPA 37

0J5339	54 x 31 x 3 GENPAD	\$268.00
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## TRANSFER SWITCHES



### Honeywell

- Aluminum NEMA/UL Type 3R Enclosure
- Open Transition, Service Rated
- 120/240V 1 Ph
- 5 Year Warranty

RTS16EZA1	16 CIRCUIT AUTO TRANSFER SWITCH W/ LOAD CENTER	\$492.00
RTSG150A3	150AMP SYNC SMART TRANSFER SWITCH	\$779.00
RTSG200A3	200AMP SYNC SMART TRANSFER SWITCH	\$779.00
RTSG100A3	100AMP SYNC SMART TRANSFER SWITCH	\$556.00
RTSG400A3	400AMP SYNC SMART TRANSFER SWITCH	\$2,819.00

## RELAYS



### TRADE PRO

TP-90290	SINGLE POLE SINGLE THROW 24V RELAY	\$5.11
TP-90293	SINGLE POLE DOUBLE THROW 24V RELAY	\$5.11
TP-90340	DOUBLE POLE 24V RELAY	\$7.15
TP-90370	SINGLE POLE DOUBLE THROW 24V RELAY HEAVY DUTY	\$7.15
TP-90380	SINGLE POLE NO-NC 24V RELAY HEAVY DUTY	\$7.15

**ELECTRICAL**

## CONTACTORS

### TOTALINE



- 50/60 hz
- Meets specifications for devices up to 600 VAC in accordance with U/L bulletin no. 508 "Industrial Control Equipment"
- Standard Class b insulation
- Terminals: Power #10-32 combination hex washer head screw, #10-32 combination hex head with pressure plate or box lug for 4 - 14 CU/AL wire
- Quick Connects - (2) 0.250 male push-ons available on each pole
- Coil - (2) 0.250 male push-ons
- Covers: Standard on 40 amp and larger

P282-0311	CONTACTOR SP 30AMP 24V	\$6.09
P282-0312	CONTACTOR SP 30AMP 120V	\$6.30
P282-0313	CONTACTOR SP 30AMP 208/240V	\$6.78
P282-0321	CONTACTOR 2P 30AMP 24V	\$7.24
P282-0322	CONTACTOR 2P 30AMP 120V	\$9.07
P282-0323	CONTACTOR 2P 30AMP 208/240V	\$9.07
P282-0331A	CONTACTOR 3P 30AMP 24V	\$15.93
P282-0332A	CONTACTOR 3P 30AMP 120V	\$16.40
P282-0333A	CONTACTOR 3P 30AMP 208/240V	\$15.93
P282-0421	CONTACTOR 2P 40AMP 24V	\$9.04
P282-0422	CONTACTOR 2P 40AMP 120V	\$11.53
P282-0423	CONTACTOR 2P 40AMP 208/240V	\$12.13
P282-0431A	CONTACTOR 3P 40AMP 24V	\$18.51
P282-0432A	CONTACTOR 3P 40AMP 120V	\$18.51
P282-0433A	CONTACTOR 3P 40AMP 208/240V	\$18.51
P282-0531	CONTACTOR 3P 50AMP 24V	\$47.05
P282-0532	CONTACTOR 3P 50AMP 120V	\$46.70
P282-0533	CONTACTOR 3P 50AMP 208/240V	\$47.05
P282-0631	CONTACTOR 3P 60AMP 24V	\$52.47
P282-0632	CONTACTOR 3P 60AMP 120V	\$52.47
P282-0633	CONTACTOR 3P 60AMP 208/240V	\$52.47

### TRADE PRO

TP-CON-1/24/30	1 POLE, 24V COIL 30 AMP CONTACTOR	\$6.13
TP-CON-1/24/40	1 POLE, 24V COIL 40 AMP CONTACTOR	\$6.80
TP-CON-2/24/30	2 POLE, 24V COIL, 30 AMP CONTACTOR	\$6.13
TP-CON-2/24/40	2 POLE, 24V COIL, 40 AMP CONTACTOR	\$8.96
TP-CON-3/24/30	3 POLE, 24V COIL, 30 AMP CONTACTOR	\$14.29
TP-CON-3/24/40	3 POLE, 24V COIL, 40 AMP CONTACTOR	\$16.33

### ALWAYS ASK FOR...



### WHY ?

#### Because when you use Factory Authorized Parts, you:

- Provide an exact drop-in replacement - saves time on the job
- Preserve the original UL approvals and listings – provides peace of mind
- Use parts that meet rigorous factory run life design specifications – parts you can count on
- Help preserve the original manufacturer's warranty – good for the end-user
- Help preserve the original manufacturer's efficiency – also good for the end-user
- Preserve engineered sound requirements – good for the end-user & their neighbors

## TRANSFORMERS

### TOTALINE



- For low and medium VA requirements.
- Use to step down voltage for control circuits.
- Large selection of ratings and mounting.

P201-3401	TRANSFORMER 120/208/240 V PRIMARY 24 V 2ND	\$12.02
P201-3402	TRANSFORMER 120/208/240 V PRIMARY 27/12/2.5 2ND	\$44.78
P201-3403	TRANSFORMER 120/208/240 V PRIMARY 24 V 2ND	\$15.18
P201-35150	TRANSFORMER 120/208/240 V PRIMARY 12/24 V 2ND	\$40.29
P201-4701	TRANSFORMER 75 VA 24 V SCC W/MANUAL RESET	\$34.85
P201-4901	TRANSFORMER 120/208/240/480 V PRIMARY 24 V 2ND	\$83.96



### TRADE PRO

TP-40VA 40VA	TRANSFORMER 120/208/240V, 24V, 50/60Hz	\$8.17
TP-75VA-MULTI 75VA	TRANSFORMER 120/208/240/480 24V, 50/60Hz	\$21.02

## HARD START KITS

### TRADE PRO



- Use on all PSC 1Ph, 115V thru 288V units, 4,000 to 120,000 btu

TP-5	HARD START KIT 300% INCREASED STARTING TORQUE	\$6.13
TP-6	HARD START KIT 500% INCREASED STARTING TORQUE	\$8.17



TP-KS1	KICKSTART KS1	\$42.85
TT-KS8	KICKSTART KS8	\$26.53

## COMPRESSOR REPAIR KIT



### DIVERSITECH

- 3 wire
- 10 gauge connection kit

TLC-3-10	TERM LOK COMPRESSOR REPAIR KIT	\$36.45
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## TIME DELAY RELAYS

**TOTALINE**



**P284-2387**

- Higher 1.5 amp power rating
- Compressor lockout/anti-short cycle timer
- Helps to protect compressors from damage caused by rapid short cycling
- Simple, 2-wire hookup
- Compact 2" x 2" package

P284-2387 TIME-DELAY 5 MIN FIXED ON BREAK \$6.53

**P284-2390**

- UL 873 recognition as compressor controller
- help to prevent scroll compressors from reversing
- Fast response time: 16 ms
- Compressor lockout/anti-short cycle timer
- Prevents low voltage starts
- Eliminates relay chatter due to thermostat bounce or tampering
- Works with anticipator-type thermostats

P284-2390 TIME-DELAY 0-10 MIN ADJ ON BREAK \$9.17



**P284-2391**

- Universal voltage operation
- higher 1.5 amp power rating
- Knob-adjustable time delays
- Work with anticipator-type thermostats
- One model replaces many in field
- Ideal for compressor staging
- Simple 2-wire hookup
- Compact 2" x 2" package

P284-2391 TIME-DELAY 0-10 MINI ADJ ON MAKE \$8.03

**P284-2392**

- Universal voltage operation
- higher 1.5 amp power rating
- Compressor lockout/anti-short cycle timer
- helps to protect compressors from damage caused by rapid short cycling
- Simple, 2-wire hookup
- Compact 2" x 2" package

P284-2392 TIME-DELAY 0-5 MIN ADJ ON BREAK \$8.03

**P284-2395**

- Designed to bypass a low pressure switch or other device during startup
- Ideal for low ambient startups
- Integral component for "winter start" kits
- helps to reduce nuisance lockouts
- Universal AC voltage operation
- Knob-adjustable time delays
- Epoxy-encapsulated circuitry

P284-2395 TIME-DELAY 0-6 MIN ADJ POST PURGE \$9.59

## HEAD PRESSURE PROTECTION CONTROL

**TOTALINE**



**P251-0083H**

- Integral heat Pump bypass circuitry allows electronic bypass of speed control during heat pump operation
- Eliminates overshoots common to on/off and pressure switch controls
- Helps prevent evaporator freeze-ups, low pressure cut-outs and liquid-slugged compressors in low ambient conditions
- One model covers 120-480 VAC
- Features: hard start, low temperature cutoff, high temperature bypass, isolated 24VAC supply
- Controls up to 3 refrigerant circuits
- Typical application: heat pumps

P251-0083h TOTALINE PROTECTION CONTROL \$106.68

**P251-0094H/ P251-0095H**

- Built-in transformer eliminates cost, reduces installation time and simplifies wiring
- Direct set up from line voltage
- Helps prevent evaporator freezeps, low pressure cut-outs and liquid-slugged compressors in low ambient conditions
- Features: hard start, low temperature cutoff, high temperature bypass, isolated 24 VAC supply is built into the control
- Mechanical dimensions: 4.5" L x 3" W x 2" h.
- Ideal for heat pumps, line voltage, air conditioning and refrigeration

P251-0094H TOTALINE PROTECTION CONTROL \$209.90  
P251-0095H TOTALINE PROTECTION CONTROL \$275.40

## TERMINAL KITS



**TRADE PRO**

- TP-TERMKIT/TOOL**
- 180 pieces assorted

- TP-TERMKITDELUXE**
- 510 pieces assorted

TP-TERMKIT/TOOL TERMINAL KIT W/ CRIMPING TOOL \$21.21  
TP-TERMKITDELUXE DELUXE TERMINAL KIT \$47.47



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- TT-TERMKIT**
- 109 Pieces
  - Terminals & Accessories

TT-TERMKIT ELECTRICAL TERMINAL KIT \$26.26

**ELECTRICAL**



## FUSES



FLNR015.T	15 AMP 250 VAC FUSE	\$2.57
FLNR020.T	20 AMP 250 VAC FUSE	\$2.78
FLNR025.T	25 AMP 250 VAC FUSE	\$2.78
FLNR030.T	30 AMP 250 VAC FUSE	\$2.78
FLNR035.T	35 AMP 250 VAC FUSE	\$5.10
FLNR040.T	40 AMP 250 VAC FUSE	\$3.05
FLNR045.T	45 AMP 250 VAC FUSE	\$5.10
FLNR050.T	50 AMP 250 VAC FUSE	\$5.10
FLNR060.T	60 AMP 250 VAC FUSE	\$5.10
OATO003.V	FUSE - 3 AMP ATO BLADE TYPE	\$0.32
OATO005.V	FUSE - 5 AMP ATO BLADE TYPE	\$0.32

## WORK LIGHTS



0691	16/3 25' SJTW TROUBLE LIGHT	\$15.36
0692	16/3 50' SJTW TROUBLE LIGHT	\$23.61
L1240	LED HEADLAMP	\$7.07
L1320	LED RECHARGEABLE WORK	\$66.66
L1411	16+8 LED TASK LIGHT	\$15.15
L1925	RECHARGEABLE 72 LED	\$41.41

## WIRE NUTS



TP-WNB	BLUE WIRE NUT 100PK #22 - #16 AWG	\$4.04
TP-WNO	ORAN WIRE NUT 100PK #22 - #14 AWG	\$6.06
TP-WNY	YELL WIRE NUT 100PK #18 - #12 AWG	\$7.07
TP-WNR	RED WIRE NUT 50PK #18 - #10 AWG	\$10.10

## EXTENSION CORDS



024088804	14/3 50' SJTW EXTENSION CORD	\$27.19
024098804	14/3 100' SJTW EXTENSION CORD	\$51.08
025880002	12/3 50' SJTW EXTENSION CORD	\$36.53
14880023-6	2' SJTW RIGHT ANGLE GFCI	\$19.19
26020008-6	2.5' SJTW IN-LINE GFCI	\$23.23

## THERMOSTAT WIRE



- Smooth, sunlight resistant jacket eliminates snagging and tearing
- PVC jacket, polypropylene insulation ensures excellent strip ability

TW-18G250-5	18/05 UL TSTAT WIRE 250FT SPL BRWN	\$41.00
TW-18G500-3	18/03 UL TSTAT WIRE 500FT SPL BRWN	\$61.07
TW-18G250-8	18/8 UL TSTAT WIRE 250FT SPL BRWN	\$60.56
TW-18G250-10	18/10 UL TSTAT WIRE 250FT SPL BRWN	\$93.48
TW-20G250-8	20/08 UL TSTAT WIRE 250FT SPL BRWN	\$47.69

## HEATING CABLE



- Pre-assembled, self-regulating heating cables
- Designed for residential and commercial, metal & plastic pipe freeze protection, and roof & gutter de-icing applications
- 120V self-regulating power activates when pipe temps drop below 40F
- Protects pipes up to 2-1/2" in diameter

W51-6P 6"	GUARDIAN HEATING CABLE	\$62.29
W51-12P 12"	GUARDIAN HEATING CABLE	\$78.88
W51-18P 18"	GUARDIAN HEATING CABLE	\$99.06
W51-24P 24"	GUARDIAN HEATING CABLE	\$118.33

## CIRCUIT TESTERS



### POP3 - 3 AMP CONTROL CIRCUIT TESTER

- Includes quick setting thermal cutout
- Self-adhesive backing

### POP5 - 5 AMP CONTROL CIRCUIT TESTER

- Includes quick setting thermal cutout
- Self-adhesive backing

- Prevents down time until original can be replaced

POP3-3AMP	CONTROL CIRCUIT TESTER	\$10.99
POP5-5AMP	CONTROL CIRCUIT TESTER	\$10.99



## MEDIA AIR CLEANERS



**Aprilaire**

AA-1210 1210	MEDIA AIR CLEANER MERV 11 20x25	\$82.70
AA-1310 1310	MEDIA AIR CLEANER MERV 11 20x20	\$82.70
AA-1410 1410	MEDIA AIR CLEANER MERV 11 16x25	\$82.70
AA-2210 2210	MEDIA AIR CLEANER MERV 13 20x25	\$100.65
AA-2310 2310	MEDIA AIR CLEANER MERV 13 20x20	\$103.37
AA-2410 2311	MEDIA AIR CLEANER MERV 13 16x25	\$100.65



**Aprilaire**

- MERV 13 Upgrade
- Removes nearly 2 times more contaminants
- One time upgrade

AA-1213	UPGRADE KIT FOR 2200 OR 2120 AIR CLEANER	\$46.28
AA-1413	UPGRADE KIT FOR 2400 OR 2140 AIR CLEANER	\$46.28



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- POWDER COATED BAKED PAINTED DOOR
- SOLID 22 GAUGE GALVANIZED STEEL CABINET
- INCLUDES DUCT MOUNTING GASKET
- UPGRADEABLE TO MERV 15
- INSULATED W/ R4.2 REFLECTIX

TT-MAC-1625	MERV 11 MEDIA AIR CLEANER 16X25X4 FITS FURNACE	\$74.99
TT-MAC-1722	MERV 11 MEDIA AIR CLEANER 17X22X4 FITS AIR HANDLER	\$74.99
TT-MAC-2020	MERV 11 MEDIA AIR CLEANER 20X20X4 FITS FURNACE	\$74.99
TT-MAC-2025	MERV 11 MEDIA AIR CLEANER 20X25X4 FITS FURNACE	\$74.99
TT-MAC-2122	MERV 11 MEDIA AIR CLEANER 21X22X4 FITS AIR HANDLER	\$106.89
TT-MAC-2522	MERV 11 MEDIA AIR CLEANER 25X22X4 FITS AIR HANDLER	\$74.99

## REPLACEMENT MEDIA FILTERS

**TOTALINE**

• 3 Pack



P101-1625	MEDIA REPL F/ P101-MF12	\$12.89
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**TOTALINE**

• 3 Pack

P102-1625	MEDIA REPL F/ P102-bb14A, P102-NC14A, P102-MF14A	\$16.92
P102-2025	MEDIA REPL F/ P102-N20, P102-bb20, P102-MF20, P102-RAM200	\$18.70



**Aprilaire**

AA-201	201 MEDIA FITS APRILAIRE MODEL 2200/2250 (MERV 10)	\$22.78
AA-210	REPLACEMENT MEDIA FILTER FITS APRILAIRE MODEL 1210 AIR CLEANER (MERV 10)	\$30.24
AA-213	REPLACEMENT MEDIA FILTER FITS APRILAIRE MODEL 1210 AIR CLEANER (MERV 13)	\$32.03
AA-401	REPLACEMENT MEDIA FILTER FITS APRILAIRE MODEL 2400 AIR CLEANER	\$22.10
AA-410	REPLACEMENT MEDIA FILTER FITS APRILAIRE MODEL 1410 AIR CLEANER (MERV 10)	\$24.72
AA-413	REPLACEMENT MEDIA FILTER FITS APRILAIRE MODEL 1410 AIR CLEANER (MERV 13)	\$31.34
AA-501	REPLACEMENT MEDIA FILTER FITS APRILAIRE MODEL 5000 ELECTRONIC AIR CLEANER	\$29.87



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TT-FM15-1620	MERV 15 REPLACEMENT MEDIA FILTER FITS TT-MAC-1620	\$35.87
TT-FM15-1625	MERV 15 REPLACEMENT MEDIA FILTER FITS TT-MAC-1625	\$42.38
TT-FM15-2020	MERV 15 REPLACEMENT MEDIA FILTER FITS TT-MAC-2020	\$41.83
TT-FM15-2025	MERV 15 REPLACEMENT MEDIA FILTER FITS TT-MAC-2025	\$51.29
TT-FM-1620	MERV 11 REPLACEMENT MEDIA FILTER FITS TT-MAC-1620	\$18.18
TT-FM-1625	MERV 11 REPLACEMENT MEDIA FILTER FITS TT-MAC-1625	\$19.19
TT-FM-2020	MERV 11 REPLACEMENT MEDIA FILTER FITS TT-MAC-2020	\$18.18
TT-FM-2025	MERV 11 REPLACEMENT MEDIA FILTER FITS TT-MAC-2025	\$23.23

**INDOOR AIR QUALITY**



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## REPLACEMENT MEDIA FILTERS (CONT'D)



### Honeywell

- MERV 10

FC100A1011	REPLACEMENT MEDIA FITS F25 - 20 x 20 x 4 1/2	\$21.89
FC100A1003	REPLACEMENT MEDIA FITS F25 - 16 x 20 x 4-1/2	\$21.89
FC100A1029	REPLACEMENT MEDIA FITS F25 - 16 x 25 x 4 1/2	\$21.89
FC100A1037	REPLACEMENT MEDIA FITS F25 - 20 x 25 x 4 1/2	\$21.89

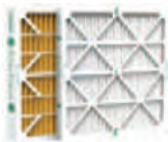
## DISPOSABLE AIR FILTERS



### Glasfloss Industries

\* In case qty only

14X14X1	14 X 14 X 1 - FIBERGLASS DISPOSABLE	\$1.03
14X20X1	14 X 20 X 1 - FIBERGLASS DISPOSABLE	\$1.13
14X24X1	14 X 24 X 1 - FIBERGLASS DISPOSABLE	\$1.20
14X30X1	14 X 30 X 1 - FIBERGLASS DISPOSABLE	\$1.50
16X20X1	16 X 20 X 1 - FIBERGLASS DISPOSABLE	\$1.17
16X25X1	16 X 25 X 1 - FIBERGLASS DISPOSABLE	\$1.24
20X20X1	20 X 20 X 1 - FIBERGLASS DISPOSABLE	\$1.25
20X25X1	20 X 25 X 1 - FIBERGLASS DISPOSABLE	\$1.35



### Glasfloss Industries

14X14X1PL40	14 X 14 X 1 - PLEATED DISPOSABLE	\$3.46
16X20X1PL40	16 X 20 X 1 - PLEATED DISPOSABLE	\$2.94
16X20X2PL40	16 X 20 X 2 - PLEATED DISPOSABLE	\$2.78
16X25X1PL40	16 X 25 X 1 - PLEATED DISPOSABLE	\$2.91
16X25X2PL40	16 X 25 X 2 - PLEATED DISPOSABLE	\$2.71
20X20X1PL40	20 X 20 X 1 - PLEATED DISPOSABLE	\$2.52
20X20X2PL40	20 X 20 X 2 - PLEATED DISPOSABLE	\$2.94
20X25X1PL40	20 X 25 X 1 - PLEATED DISPOSABLE	\$3.02
20X25X2PL40	20 X 25 X 2 - PLEATED DISPOSABLE	\$3.46
16X20X4PL40	16 X 20 X 4 - PLEATED DISPOSABLE	\$4.81
16X25X4PL40	16 X 25 X 4 - PLEATED DISPOSABLE	\$5.42
20X20X4PL40	20 X 20 X 4 - PLEATED DISPOSABLE	\$5.40
20X25X4PL40	20 X 25 X 4 - PLEATED DISPOSABLE	\$6.26
24X24X4PL40	24 X 24 X 4 - PLEATED DISPOSABLE	\$7.19

## HUMIDIFIERS



### P110-LBP2417

- Easy to install and is simple to maintain due to front or bottom access panels, yet no motor is needed
- Provides up to 17 gallons of moisture per day for your home



### P110-LFP1518



### P110-SBP2412

P110-LBP2417	HUMIDIFIER 17 GPD BY-PASS	\$116.72
P110-LFP1518	HUMIDIFIER 18 GPD FAN POWERED	\$216.36
P110-SBP2412	HUMIDIFIER 12 GPD BY-PASS - COMPACT	\$106.92

## Honeywell



### HE150A1005/ HE200A1000/ HE250A1005

- 2,500 sq ft
- Fast installation via external mounting screws
- Interchangeable bypass
- Quick connect plumbing
- 5 year warranty



### HE300A1005

- 3,000 sq ft
- Fan powered
- Fast installation via external mounting screws
- Interchangeable bypass
- Quick connect plumbing
- 5 year warranty

HE150A1005	TRUEEASE BASIC BYPASS 12 GAL PER DAY	\$201.03
HE200A1000	TRUEEASE BASIC BYPASS 17 GAL PER DAY	\$154.03
HE250A1005	TRUEEASE BASIC BYPASS 17 GAL PER DAY	\$214.81
HE300A1005	TRUEEASE ADVANCED 18 GAL PER DAY	\$269.94

## Honeywell



### HM700A1000

- HumidiPRO™ controller helps protect against window condensation and frost
- Auto-Adaptive technology adapts to changes in water conditions
- Kit allows for installation up to five feet (15 foot kit available from system)
- Disposable canisters for easy maintenance with no special tools required
- Quiet operation means it won't interrupt your day-to-day activities
- 5-Year Warranty

HM700A1000	HONEYWELL ELECTRODE HUMIDIFIER	\$700.00
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INDOOR AIR QUALITY





## HUMIDIFIERS (CONT'D)



- AA-400**
- by-Pass w/ Automatic Control
  - 4,000 sq/ft capacity
  - 0.5 amps
  - 5 year warranty



- AA-400M**
- by-Pass w/ Manual Control
  - 4,000 sq/ft capacity
  - 0.5 amps
  - 5 year warranty



- AA-500**
- by-Pass w/ Automatic Control
  - 3,000 sq/ft capacity
  - 0.5 amps
  - Includes Automatic Control
  - 5 year warranty



- AA-600**
- by-Pass w/ Automatic Control
  - 4,000 sq/ft capacity
  - 0.5 amps
  - Includes Automatic Control
  - 5 year warranty



- AA-600M**
- by-Pass w/ Manual Control
  - 4,000 sq/ft capacity
  - 0.5 amps
  - 5 year warranty



- AA-700**
- Fan Powered w/ Automatic Control
  - 4,200 sq/ft capacity
  - 0.8 amps
  - 5 year warranty



- AA-700M**
- Fan Powered w/ Manual Control
  - 4,200 sq/ft capacity
  - 0.8 amps
  - 5 year warranty

## HUMIDIFIERS (CONT'D)



- AA-800**
- Steam
  - Capacity of 11.5, 20.5 or 23.3 gallons per day
  - 1.4/2.4/2.8 KW
  - humidifies tightly-constructed homes up to 6,200 ft<sup>2</sup>
  - Replacement canister part # AA-80



AA-400	APRILAIRE 400 HUMIDIFIER - 120V	\$196.52
AA-400M	APRILAIRE 400 HUMIDIFIER - 120V	\$155.35
AA-500	APRILAIRE 500 HUMIDIFIER - 24V	\$145.95
AA-600	APRILAIRE 600 HUMIDIFIER - 24V	\$173.03
AA-600M	APRILAIRE 600M HUMIDIFIER - 24V	\$136.85
AA-700	APRILAIRE 700 HUMIDIFIER - 120V	\$254.80
AA-700M	APRILAIRE 700M HUMIDIFIER - 120V	\$223.05
AA-800	APRILAIRE 800 HUMIDIFIER	\$652.30

\* While supplies last



- TT-HUM-225/ TT-HUM-265**
- Easy snap-on seasonal damper included
  - 225 Uses hC22E1003 Water Panel
  - 265 Uses hC26E1008 Water Panel



- TT-HUM-365**
- Uses hC26E1008 Water Panel

TT-HUM-225	BYPASS HUMIDIFIER 12 GAL PER DAY	\$99.00
TT-HUM-265	BYPASS HUMIDIFIER 17 GAL PER DAY	\$119.00
TT-HUM-365	POWERED HUMIDIFIER 18 GAL PER DAY	\$170.00

## WATER PADS



P110-1045	WATER PANEL (SBP2312)	\$8.33
P110-3545	WATER PANEL (LBP2417/LFP1418)	\$9.49



AA-35	WATER PANEL FITS APRILAIRE MODELS 350, 360, 560, 568, 600, 700, 760, 768 HUMIDIFIERS.	\$7.11
AA-10	WATER PANEL FITS APRILAIRE MODELS 110, 220, 500, 550, 558 HUMIDIFIERS.	\$5.28
AA-12	WATER PANEL FITS APRILAIRE MODELS 112, 224, 440, 445, 448.	\$11.45

INDOOR AIR QUALITY

## AIR KNIGHT



- TT-AK245-V2/ TT-AK249-V2**
- Enhanced Gen2 technology
  - Only 2 screws needed to remove entire core
  - Interlock device for Technician safety
  - Gasketed mounting plate
  - AK245 Effective on 2 - 2.5 ton systems
  - AK249 Effective on 3 - 5 ton systems
  - 24V
  - 5 Year Warranty (2 year on bulb)
  - 30 day money back guarantee



- TT-AK24IPG-14/TT-AK24IPG-7**
- Enhanced Gen2 technology
  - Removes dust particles from the air
  - Only 2 screws needed to remove entire core
  - Interlock device for Technician safety
  - Gasketed mounting plate
  - 24V
  - 5 Year Warranty (2 year on bulb)
  - 30 day money back guarantee

TT-AK245-V2	AIR KNIGHT GEN2 PX5 5" PHOTO IONIC OXIDATION UNIT	\$349.99
TT-AK249-V2	AIR KNIGHT GEN2 PX5 9" PHOTO IONIC OXIDATION UNIT	\$374.99
TT-AK24IPG-14	AIR KNIGHT GEN2 IPG 14" IONIZED PARTICLE GATHERING UNIT - 4, 5 TON & LIGHT COMMERCIAL SYSTEMS	\$434.99
TT-AK24IPG-7	AIR KNIGHT GEN2 IPG 7" IONIZED PARTICLE GATHERING UNIT - 1.5 - 3 TON SYSTEMS	\$399.99

### AIRKNIGHT REPLACEMENT BULBS AND CELLS

- Generation 2

TT-AKCELL-5	5" Px5 REPLACEMENT CELL FITS TT- AK245-V2	\$106.02
TT-AKCELL-9	9" Px5 REPLACEMENT CELL FITS TT- AK249-V2;	\$152.28
TT-IPG-CELL14	14" IPG REPEACEMENT CELL FITS TT- AK24IPG-14	\$202.89



- Fits inside ETAC's and PTAC's

TT-AKPTAC	AIR KNIGHT PX5 PTAC UNIT - 230V/265V	\$199.99
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## UV LIGHTS



- 5 Year Limited Warranty
- 1 Year bulb
- 14" Length
- 2-Wire 24V Power Supply

TT-UV24-14	24 VOLT UV LIGHT	\$111.36
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- 9,000 hours Continuous Lamp Life
- 3,000V Surge Protection
- Protective Shield Included

TT-UVB14	14" REPLACEMENT BULB F/ TT-UV24-14	\$55.25
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- 12" Quartz Lamp
- Electronic low voltage ballast
- Weather resistant remote cable
- Includes: White Cotton Gloves, 5' Wire Set, Lamp Change-Out Decal Reminder, Mounting Hardware
- 1 Year Warranty

P103-SABER24-12	SABER 24V UV LIGHT	\$107.99
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## DEHUMIDIFIER



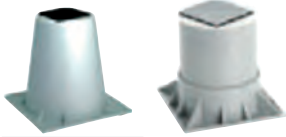
- Up to 95 pints per day
- 5 Year Warranty

AA-1850	APRILAIRE DEHUMIDIFIER	\$1,099.17
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INDOOR AIR QUALITY



## HEAT PUMP RISERS



HPR-3	3" PUMP UP RISERS	\$1.69
HPR-3-2P	3" PUMP UP RISERS, 2PC	\$2.28
HPR-6	6" PUMP UP RISERS	\$1.96
HPR-6-2P	6" PUMP UP RISERS, 2PC	\$3.07

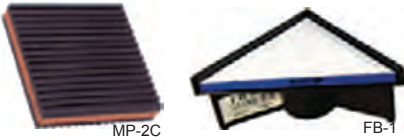


- Easily adjust from 5" up to 8"
- handles 300lbs
- Adjustable with hVAC equipment already on the riser



AER-8	ADJUSTABLE PUMP UPS	\$5.49
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## VIBRATION PADS & MOUNTING BLOCKS



MP-2C	2X2 RUBBER & CORK ANTI-VIB PAD	\$0.32
MP-4C	4X4 RUBBER & CORK ANTI-VIB PAD	\$1.30
FB-1	FURNACE MTG BLOCK	\$2.34



**19709-1**  
• 81 PCS / SHEET

19709-1	2" X 2" X 3/4" RUBBER VIBRA PAD	\$0.23
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## EQUIPMENT PADS



• black EnviroPad

EP-24x24x2-P	24x24x2 EQUIP PAD	\$15.69
EP-24x30x2-P	24x30x2 EQUIP PAD	\$31.48
EP-30x30x2-P	30x30x2 EQUIP PAD	\$18.18
EP-32x32x2-P	32x32x2 EQUIP PAD	\$21.29
EP-36x36x2-P	36x36x2 EQUIP PAD	\$25.09
EP-38x42x2-P	38x42x2 EQUIP PAD	\$51.02



• Designed for Mini-Split Condensers

EP-16x36x2-U	16" x 36" x 2" ULTRALITE CONDENSER PAD	\$20.00
EP-18X38X3-P	18" x 38" x 3" ULTRALITE CONDENSER PAD	\$20.00

## EQUIPMENT PADS (CONT'D)



• Lightweight concrete pad

EP-30x30x2-U	30x30x2 ULTRA LITE EQUIP PAD	\$24.29
EP-32x32x2-U	32x32x2 ULTRA LITE EQUIP PAD	\$21.89
EP-36x36x2-U	36x36x2 ULTRA LITE EQUIP PAD	\$29.23
EP-36x40x2-U	36x40x2 ULTRA LITE EQUIP PAD	\$44.78
EP-36x48x2-U	36x48x2 ULTRA LITE EQUIP PAD	\$63.58
EP-24x24x2-U	24x24x2 ULTRA LITE EQUIP PAD	\$15.75

## MOUNTING BRACKETS



- 12ga steel
- Accomodates 1/2" bolts for easy installation
- Gray powder coat finish
- 600lbs per pair dependent on wall & hardware

ACB-30	30" DEEP CONDENSER MOUNTING BRACKETS	\$59.00
ACB-36	36" DEEP CONDENSER MOUNTING BRACKETS	\$47.00
ACB-42	42" DEEP CONDENSER MOUNTING BRACKETS	\$39.00
ACB-48	48" DEEP CONDENSER MOUNTING BRACKETS	\$51.01

## EQUIPMENT SECURITY CAGES



- help keep outdoor units from vandalization and theft
- Installs in 30 minutes
- Removes for maintenance
- 16ga powder coated steel tubing
- ACGU-KIT adjusts from 34" h x 30" W x 30" D to 59" H x 51" W x 51" D, includes 3 locks and top bar
- ACMS adjusts from 32" h x 32" W x 12" D to 57" h x 45" W x 18" D, includes 2 locks

ACGU-KIT	CONDENSER SECURITY CAGE	\$266.22
ACMS	MINI SPLIT SECURITY CAGE	\$266.22

## COPPER TUBING



• 100' rolls available for direct shipments

REF-50X1/4	1/4" OD X 50' SOFT REF TUBE	\$15.66
REF-50X3/8	3/8" OD X 50' SOFT REF TUBE	\$26.31
REF-50X1/2	1/2" OD X 50' SOFT REF TUBE	\$37.79
REF-50X5/8	5/8" OD X 50' SOFT REF TUBE	\$57.08
REF-50X3/4	3/4" OD X 50' SOFT REF TUBE	\$60.47
REF-50X7/8	7/8" OD X 50' SOFT REF TUBE	\$95.08
REF-50X1-1/8	1-1/8" OD X 50' SOFT REF TUBE	\$133.24

INSTALLATION SUPPLIES



## COPPER FITTINGS



• Sold Ea.

TP-3/890CELR	3/8" 90 DEG LONG RADIUS 10/BAG	\$0.62
TP-3/890CELRST	3/8" 90 DEG LONG RADIUS STREET 10/BAG	\$0.70
TP-3/8CC	3/8" WROT COUPLING OD 10/BAG	\$0.30
TP-1/290CELR	1/2" 0 DEG LONG RADIUS 10/BAG	\$0.94
TP-1/2CC	1/2" WROT COUPLING OD 10/BAG	\$0.38
TP-3/490CELR	3/4" 90 DEG LONG RADIUS 10/BAG	\$2.20
TP-3/490CELRST	3/4" 90 DEG LONG RADIUS STREET 10/BAG	\$2.36
TP-3/4CC	3/4" WROT COUPLING OD 10/BAG	\$0.90
TP-7/890CELR	7/8" 90 DEG LONG RADIUS 10/BAG	\$3.12
TP-7/890CELRST	7/8" 90 DEG LONG RADIUS STREET 10/BAG	\$3.08
TP-7/8CC	7/8" WROT COPPER COUPLING OD 10/BAG	\$0.90
TP-11/890CELR	1-1/8" 90 DEG LONG RADIUS 5/BAG	\$5.03
TP-11/890CELRST	1-1/8" 90 DEG LONG RADIUS STREET 5/BAG	\$6.25
TP-11/8CC	1-1/8" WROT COPPER COUPLING OD 5/BAG	\$2.28

## TUBING INSULATION



TI-3/8X3/8X6	3/8" ID X 3/8" WALL X 6' LONG	\$1.24
TI-5/8X3/8X6	5/8" ID X 3/8" WALL X 6' LONG	\$1.54
TI-3/4X3/8X6	3/4" ID X 3/8" WALL X 6' LONG	\$1.63
TI-7/8X3/8X6	7/8" ID X 3/8" WALL X 6' LONG	\$1.71
TI-1-1/8X3/8X6	1-1/8" ID X 3/8" WALL X 6' LONG	\$1.89
TI-3/8X1/2X6	3/8" ID X 1/2" WALL X 6' LONG	\$1.89
TI-5/8X1/2X6	5/8" ID X 1/2" WALL X 6' LONG	\$2.22
TI-3/4X1/2X6	3/4" ID X 1/2" WALL X 6' LONG	\$2.29
TI-7/8X1/2X6	7/8" ID X 1/2" WALL X 6' LONG	\$2.47
TI-1-1/8X1/2X6	1-1/8" ID X 1/2" WALL X 6' LONG	\$2.77

## LINE SETS



- Plain end, fully assembled
- Liquid x Suction x Insul x Length

LS-3/8X3/4X1/2X50	3/8"X3/4"X1/2"X50' COP PE LINE SET	\$109.78
LS-3/8X3/4X1/2X30	3/8"X3/4"X1/2"X30' COP PE LINE SET	\$75.97
LS-3/8X5/8X1/2X50	3/8"X5/8"X1/2"X50' COP PE LINE SET	\$100.98
LS-3/8X5/8X1/2X30	3/8"X5/8"X1/2"X30' COP PE LINE SET	\$65.00
LS-3/8X7/8X1/2X50	3/8"X7/8"X1/2"X50' COP PE LINE SET	\$155.85
LS-3/8X7/8X1/2X30	3/8"X7/8"X1/2"X30' COP PE LINE SET	\$97.93
LS-3/8X1-1/8X1/2X50	3/8"X1-1/8"X1/2"X50' COP PE LINE SET	\$214.14
LS-3/8X1-1/8X1/2X30	3/8"X1-1/8"X1/2"X30' COP PE LINE SET	\$148.35



• BOTH LINES

LS-1/4X1/2X1/2X25DS	MINI-SPLIT LINE SET 1/4" LIQUID X 1/2" SUCTION X 25'	\$120.56
LS-1/4X1/2X1/2X50DS	MINI-SPLIT LINE SET 1/4" LIQUID X 1/2" SUCTION X 50'	\$209.61
LS-1/4X3/8X1/2X25DS	MINI-SPLIT LINE SET 1/4" LIQUID X 3/8" SUCTION X 25'	\$107.80
LS-1/4X3/8X1/2X50DS	MINI-SPLIT LINE SET 1/4" LIQUID X 3/8" SUCTION X 50'	\$192.09
LS-1/4X5/8X1/2X25DF	MINI-SPLIT LINE SET 1/4" LIQUID X 5/8" SUCTION X 25'	\$161.00
LS-1/4X5/8X1/2X50DF	MINI-SPLIT LINE SET 1/4" LIQUID X 5/8" SUCTION X 50'	\$270.00

## LINE SET DUCTING



- 4-1/2"
- 12 month guarantee
- Protects line sets from weather and UV damage
- Made in USA

LCF122W	45 INSIDE VERTICAL ELBOW - WHITE	\$16.04
LCI122W	90 INSIDE VERTICAL ELBOW - WHITE	\$13.00
LCO122W	90 OUTSIDE VERTICAL ELBOW - WHITE	\$13.00
LD122W	8' DUCT SECTION - WHITE	\$26.00
LEN122W	END FITTING - WHITE	\$6.00
LJ122W	COUPLER - WHITE	\$4.00
LK122W	90 FLAT ELBOW - WHITE	\$10.00
LKF122W	45 FLAT ELBOW - WHITE	\$12.00
LKS122W	FLAT LONG SWEEP 90 ELBOW - WHITE	\$14.51
LP122W	SOFFIT INLET - WHITE	\$12.00
LW122W	WALL INLET - WHITE	\$10.00
LCI122I	90 INSIDE VERTICAL ELBOW - IVORY	\$13.00
LCO122I	90 OUTSIDE VERTICAL ELBOW - IVORY	\$13.00
LD122I	8' DUCT SECTION - IVORY	\$26.00
LEN122I	END FITTING - IVORY	\$6.00
LJ122I	COUPLER - IVORY	\$4.00
LK122I	90 FLAT ELBOW - IVORY	\$10.00
LKF122I	45 FLAT ELBOW - IVORY	\$12.00
LW122I	WALL INLET - IVORY	\$10.00



Diversitech SpeediChannel Kit

230-1KC4

SPEEDICHANNEL KIT

\$103.89



## LINE SET PROTECTION



• Kit for Siding 1/2" & 3/4"

TSS-65072EB 1/2" WALL LINE SET  
TSS-67572CB 3/4" WALL LINE SET

\$49.16  
\$47.42



• Kit for Masonry 1/2", 3/4" & 1"

TGS-65072EB 1/2" WALL LINE SET  
TGS-67572CB 3/4" WALL LINE SET

\$49.16  
\$47.47

Now Required for Virginia, Maryland, DC, Delaware!

**2012 & 2015 International Energy Conservation Code**

**Outdoor Pipe Insulation Protection**

Residential Section R403.3.1, Commercial Section C403.2.8.1

**Protection of Piping Insulation**

Piping insulation exposed to weather shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, wind and shall provide shielding from solar radiation that can cause degradation of the material. **Adhesive tape shall not be permitted.**



- For Masonry & Concrete
- 1/2" wall line set
- 3/4" wall line set

TGS-550-G 1/2" WALL LINE SET  
TGS-575-G 3/4" WALL LINE SET

\$30.99  
\$30.99



- For Siding
- 1/2" wall line set
- 3/4" wall line set

TSS-550-G 1/2" WALL LINE SET  
TSS-575-G 3/4" WALL LINE SET

\$30.99  
\$30.99



- For Siding
- 1/2" wall line set
- 3/4" wall line set



72E-B 1/2" WALL 6FT  
72C-B 3/4" WALL 6FT  
72X-B 1" WALL 6FT  
750E-B 1/2" WALL 75FT  
750C-B 3/4" WALL 75FT  
750X-B 1" WALL 75FT

\$22.22  
\$23.23  
\$31.99  
\$225.08  
\$231.00  
\$251.00

INSTALLATION SUPPLIES

## SUCTION LINE DRIERS



### TOTALINE

- Solid core with special blend to maximize acid, moisture, and wax removal
- For use with CFC, hCFC and hFC refrigerants.
- Charcoal blend for soluble contaminant and wax removal
- Dual access valves
- Solid copper fittings
- Corrosion resistant epoxy powder paint finish

P503-8083S	8 CU IN, 3/8 IN - SUCTION LINE DRIER	\$35.93
P503-8084S	8 CU IN, 1/2 IN - SUCTION LINE DRIER	\$42.73
P503-8134SSFD	13.5 CU IN, 1/2 IN - SUCTION LINE DRIER	\$33.28
P503-8135S	13 CU IN, 5/8 IN - SUCTION LINE DRIER	\$46.06
P503-8135SSFD	13.5 CU IN, 5/8 IN - SUCTION LINE DRIER	\$35.31
P503-8136SSFD	13.5 CU IN, 3/4 IN - SUCTION LINE DRIER	\$35.31
P503-8137SSFD	13.5 CU IN, 7/8 IN - SUCTION LINE DRIER	\$36.88
P503-8166S	16 CU IN, 3/4 IN - SUCTION LINE DRIER	\$52.66
P503-8167S	16 CU IN, 7/8 IN - SUCTION LINE DRIER	\$52.66
P503-8219S	21 CU IN, 1 1/8 IN - SUCTION LINE DRIER	\$66.71
P503-8279SSFD	27 CU IN, 1 1/8 IN - SUCTION LINE DRIER	\$54.17
P503-83511S	35 CU IN, 1 3/8 IN - SUCTION LINE DRIER	\$86.39
P503-83813S	38 CU IN, 1 5/8 IN - SUCTION LINE DRIER	\$89.99
P503-85413SSFD	54 CU IN, 1 5/8 IN - SUCTION LINE DRIER	\$85.45



**TopTech**  
comfort | excellence

TP-SLD165S	5/8 SWT 16 CU IN SUC LIN FILT DRIER	\$19.39
TP-SLD166S	3/4 SWT 16 CU IN SUC LIN FILT DRIER	\$20.41
TP-SLD167S	7/8 SWT 16 CU IN SUC LIN FILT DRIER	\$21.43
TP-SLD305S	5/8 SWT 30 CU IN SUC LIN FILT DRIER	\$26.53



**Parker**

SLD135SV	5/8 ODF SUC LIN FILT DRIER	\$55.71
SLD136SV	3/4 ODF SUC LIN FILT DRIER	\$57.20
SLD137SV	7/8 ODF SUC LIN FILT DRIER	\$48.77



KH45LG140	SUCTION LINE DRIER	\$43.31
KH45LG141	SUCTION LINE DRIER	\$50.34

## BI-FLOW HEAT PUMP DRIERS



### TOTALINE

- For use with CFC & hCFC refrigerants
- Removes moisture, acids and solids
- bi-Directional...Eliminates need for external check valves
- Sealed type
- Corrosion resistant epoxy powder paint finish
- May be mounted in any position
- Reduces compressor maintenance
- Solid copper sweat connections

P504-8083S	8 CU IN, 3/8 IN - HEAT PUMP DRIER	\$28.22
P504-8084S	8 CU IN, 1/2 IN - HEAT PUMP DRIER	\$28.21
P504-8085S	8 CU IN, 5/8 IN - HEAT PUMP DRIER	\$28.84
P504-8163S	16 CU IN, 3/8 IN - HEAT PUMP DRIER	\$40.33
P504-8164S	16 CU IN, 1/2 IN - HEAT PUMP DRIER	\$40.97
P504-8165S	16 CU IN, 5/8 IN - HEAT PUMP DRIER	\$41.95
P504-H163S	16 CU IN, 3/8 IN ( SOLID CORE ) - HEAT PUMP	\$124.36



**TopTech**  
comfort | excellence

TT-LLDBF083S	3/8 SWT 8 CU IN BI FLO FILT DRIER	\$18.37
TT-LLDBF163S	3/8 SWT 16 CU IN BI FLO FILT DRIER	\$22.45



**Parker**

BF083S	3/8 SWT 8 CU IN BI FLO DRIER	\$36.16
BF163S	3/8 SWT 16 CU IN BI FLO DRIER	\$28.69

## LIQUID LINE DRIERS



### TOTALINE

- Economy solid core liquid line filter drier ideal for use w/CFC & HCFC refrigerants
- Solid copper fittings
- High moisture and acid removal
- Corrosion resistant paint
- Shock resistant steel shell construction

P502-C053S	5 CU IN, 3/8 IN - LIQUID LINE DRIER	\$11.07
P502-C083S	8 CU IN, 3/8 IN - LIQUID LINE DRIER	\$10.07
P502-C084S	8 CU IN, 1/2 IN - LIQUID LINE DRIER	\$15.02
P502-C163S	16 CU IN, 3/8 IN - LIQUID LINE DRIER	\$11.74
P502-C164S	16 CU IN, 1/2 IN - LIQUID LINE DRIER	\$19.20
P502-C165S	16 CU IN, 5/8 IN - LIQUID LINE DRIER	\$19.89
P502-C303S	30 CU IN, 3/8 IN - LIQUID LINE DRIER	\$31.43
P502-C305S	30 CU IN, 5/8 IN - LIQUID LINE DRIER	\$31.34
P502-C307S	30 CU IN, 7/8 IN - LIQUID LINE DRIER	\$35.21
P502-C415S	41 CU IN, 5/8 IN - LIQUID LINE DRIER	\$46.06



# 2016 SPRING ORDER FORM

DATE:  PO #

Delivery  Pick Up

Company Name

Customer #

Contact Person

Phone #

## Delivery Address / Preferred Pickup Location

Please mark the number of product(s) you want in the blank boxes provided. Carrier Enterprise Thanks you for your continued business!

<b>PAGE 4</b>	
<b>LUBRICANTS &amp; OILS</b>	
741-002	
S8-SUPCO	
40400JG	
40402JG	
TT-MINOIL3-GAL	
TT-POE68-GAL	
P903-0201	
P903-1001	
P903-1701	
P903-2301	
<b>VACUUM PUMP OIL</b>	
61105	
P903-0601	
P903-1001	
P903-1701	
P903-2301	
<b>CAULKS &amp; SEALANTS</b>	
SSA-C	
SSC-C	
SSW-C	
SSR-C	
01714	
<b>ADHESIVES</b>	
DTWA	
WIT5	
<b>PAGE 4&amp;5</b>	
<b>ACID TREATMENT</b>	
45009	
4301-02	
4320-W8	
<b>PAGE 5</b>	
<b>SYSTEM TREATMENT</b>	
4050-01	
4050-02	
4050-06	
4050-08	
TP-LF-00284	
TP-LF-00286	
TP-LF-00282	
TP-LF-00280	
TP-LF-00292	
TT-FLUSH-P16	
TT-FLUSH-P30	
4051-06	
4057-55	
<b>PAGES 5&amp;6</b>	
<b>FLUSH</b>	
4300-08	
4300-09	
4300-10	
4300-11	
TT-FLUSH-P16	
TT-FLUSH-P30	

PF-KIT	
PF-16	
TURBOKLEEN-KIT	
TURBOKLEEN-16	
<b>EVAPORATOR COIL CLEANERS</b>	
4171-75	
4166-75	
4168-08	
4191-08	
P902-1001	
P902-1018	
TT-8-G	
<b>PAGE 7</b>	
<b>CONDENSER COIL CLEANERS</b>	
4291-08	
4132-20	
4178-08	
4190-08	
4290-75	
P902-0101	
P902-0118	
P902-0201	
P902-0301	
P902-1125	
P902-5116	
TT-720-01	
TT-8-P	
<b>UNIVERSAL COIL CONTROLLERS</b>	
4133-08	
TRIPLE-D	
4148-32	
<b>PAGES 8</b>	
<b>MISC. CLEANERS</b>	
P902-1325	
P902-3601	
P902-3632	
P902-1501	
P902-1508	
P902-2001	
P902-4120	
26832	
4186-08 1	
4186-24	
4151-08	
4771-3	
4774-0	
1002	
P902-9002	
P902-9015	
<b>ODOR CONTROL</b>	
P902-39001	
P902-39002	

P902-39003	
P902-39004	
1700D	
1900D	
1800D	
61001	
61020	
61060	
61062	
<b>PAGE 9</b>	
<b>PAN TREATMENT</b>	
P902-38003	
P902-38004	
P902-38005	
<b>WATER TREATMENT</b>	
P902-2501	
P902-5501	
61042	
61043	
4295-36	
4296-60	
<b>BRAZING SUPPLIES</b>	
95150	
95120	
99088	
53113	
56619	
NB06Q056FFR	
NB15Q056FFR	
98701	
98702	
98703	
98704	
98705	
SC-10	
40022	
40027	
<b>PAGE 10</b>	
<b>TAPE</b>	
S-13219	
6-7333	
13945	
6-3460	
6-9718	
P904-0201	
322F2	
322F3	
324A-21/2	
324A3	
338FSK2	
338FSK3	
365M-2	
365M-3	
367-17-3	
398B2	

398S2	
557B2	
557M2	
557S2	
<b>DUCT SEALANTS</b>	
DS-321-4	
VG102	
<b>THREAD SEALANT</b>	
CLL-4	
<b>PVC PRIMERS &amp; CEMENT</b>	
530-30876	
530-30863	
530-30756	
530-30757	
PWU-8	
PWU-16	
TT-PVC-CEMENT-P	
TT-PVC-CEMENT-C	
<b>HAND CLEANERS</b>	
4366-87	
4185-75	
P902-9020	
2215	
<b>PEST CONTROL</b>	
P902-4016	
4292-75	
<b>PAGE 11</b>	
<b>REFRIGERANT</b>	
R22-0010	
R22-0030	
R410A-0025	
MO99	
R407C-0025	
<b>CYLINDERS</b>	
<b>REFRIGERANT RECLAIM</b>	
30EMPTY	
50EMPTY	
<b>PAGE 12</b>	
<b>SMOKE &amp; CO ALARMS</b>	
21007450	
900-0136-003	
21006973	
COALMBBNRB01	
COALMCCNRB01	
<b>REPLACEMENT IGNITORS</b>	
IGN-401	
IGN-402	
IGN-403	
IGN-409	
P694-700-2-1	
P694-700-4-1	
IGN-1R	
IGN-001	

IGN-2	
Q3200U1004	
<b>PRIMARY OIL CONTROL</b>	
R7284U1004	
<b>PAGE 13 GAS VALVES</b>	
SV9501M2528	
SV9641M4510	
VR8200A2132	
VR8345Q4563	
VR8345M4302	
P681-1501	
P681-VR8345M	
<b>UNIVERSAL THERMOCOUPLES</b>	
P671-4242	
P671-4302	
P671-4362	
P671-4482	
<b>FAN &amp; LIMIT CONTROLS</b>	
L4064b2210	
L4064b2236	
L4064W1098	
S8610U3009	
S8910U1000	
LH33WP002	
<b>PAGE 14 CONTROL BOARDS</b>	
325878-751	
CESO110057-02	
CESO110063-02	
S9200U1000	
ST9103A1002	
ST9120U1011	
ICM281	
ICM282	
ICM291	
ICM-321C	
ICM-322C	
HK32EA001	
HK38EA012	
HK38EA023	
HK42FZ034	
HK42FZ035	
<b>HUMIDISTATS</b>	
P110-0002	
<b>PAGES 15 THERMOSTATS - NON-PROGRAMMABLE</b>	
TT-N-411	
TT-N-421	
P710U-21NHP	
TP-N-701	
TP-N-721	
TP-N-751	
TT-N-751	
TP-N-801	
TP-N-851	
TH1110D1000	
TH3110D1008	
TH3210D1004	
TH5110D1006	
TH5110D1022	
TH5220D1003	
TH5220D1029	
T1-NAC01	
T1-NHP01	

T2-NAC01	
T2-NHP01	
T6-NAC01	
T6-NHP01	
TB-NAC01	
TB-NHP01	
TC-NAC01	
TP-NAC01-A	
TP-NHP01	
TP-NRH01-B	
<b>PAGES 16 &amp; 17 PROGRAMMABLE THERMOSTATS</b>	
TT-P-411	
TT-P-421	
P710U-21PHP	
TP-P-705	
TP-S-755	
TP-S-755R	
TP-S-855C	
TT-S-925	
TT-S-955C	
TH4110D1007	
TH4210D1005	
TH6110D1005	
TH6110D1021	
TH6220D1002	
TH6220D1028	
T200477W	
T3008US	
T1-PAC01	
T1-PHP01	
T2-PAC01	
T2-PHP01	
T6-PAC01	
T6-PHP01	
T6-PRH01-A	
TB-PAC01	
TB-PHP01	
TC-PAC01	
TC-PHP01	
TP-PAC01-A	
TP-PHP01-A	
TP-PRH01-B	
<b>PAGES 18 &amp; 19 WIRELESS THERMOSTATS &amp; ACCESSORIES</b>	
EZ3-WI43	
TH5320R1002	
YTH5320R1025	
YTH6320R1015	
YTH6320R1023	
TH6320R1004	
TH8110R1008	
TH8320R1003	
TH8321R1001	
YTHX9421R5085WW	
TH6320WF1005	
TH8321WF1001	
TP-S-955WH	
TP-S-701I	
TP-S-855I	
YTHM5421R1010	
THM5320R1000	
THM4000R1000	
THM6000R1002	
C7089R1013	

C7089U1006	
C7189R1004	
C7189U1005	
C7735A1000	
TT-RIS-251S	
TT-RIS-251W	
TT-ROS-250W	
<b>PAGE 20 THERMOSTAT COVER PLATE</b>	
50002883-001	
<b>PAGE 21 ZONING</b>	
HZ221	
HZ221K	
HZ311	
HZ322	
HZ311K	
HZ322K	
HZ432	
HZ432K	
TAZ-4	
ARD6TZ	
ARD8TZ	
ARD10TZ	
ARD12TZ	
ARD14TZ	
ARD16TZ	
M847D1012	
CPRD8	
CPRD10	
CPRD14	
CPRD16	
ZD10X8	
ZD12X8	
ZD14X8	
ZD16X8	
ZD20X8	
ZD22X10	
ZD24X10	
ZD24X8	
<b>GENERATORS</b>	
6442 11KW	
GEN-6702	
GEN-6554	
6037 5500	
<b>GENERATORS PADS</b>	
0J5339	
<b>TRANSFER SWITCHES</b>	
RTS16EZA1	
RTSG150A3	
RTSG200A3	
RTSG100A3	
RTSG400A3	
<b>GENERATOR MAINTENANCE KITS</b>	
GEN-MAINT-0J576600SM	
GEN-MAINT-0J576700SM	
GEN-MAINT-0J576800SM	
6483	
6484	
GEN-MAINT-0J932300SM	
<b>DISCONNECTS &amp; WHIPS</b>	
U035F2	
U065P	
U065F1	
TP-WHIP-1/2X6NM	
TP-WHIP-3/4X6NM	

TP-30AMP	
TP-60AMP	
TP-60AMP-NF	
<b>RELAYS</b>	
TP-90290	
TP-90293	
TP-90340	
TP-90380	
<b>PAGE 22 CONTACTORS</b>	
P282-0311	
P282-0312	
P282-03113	
P282-0321	
P282-0322	
P282-0323	
P282-0311A	
P282-0312A	
P282-0313A	
P282-0421	
P282-0422	
P282-0423	
P282-0431A	
P282-0432A	
P282-0433A	
P282-0531	
P282-0532	
P282-0533	
P282-0631	
P282-0632	
P282-0633	
TP-CON-1/24/30	
TP-CON-1/24/40	
TP-CON-2/24/30	
TP-CON-2/24/40	
TP-CON-3/24/30	
TP-CON-3/24/40	
P201-3401	
P201-3402	
P201-3403	
P201-35150	
P201-4701	
P201-4901	
TP-40VA 40VA	
TP-75VA-MULTI	
<b>HARD START KITS</b>	
TP-5	
TP-6	
TP-KS1	
TT-KS8	
<b>COMPRESSOR REPAIR KIT</b>	
TLC-3-10	
<b>PAGE 23 TIME DELAY RELAYS</b>	
P284-2387	
P284-2390	
P284-2391	
P284-2392	
P284-2395	
<b>HEAD PRESSURE PROTECTION CONTROL</b>	
P251-0083H	
P251-0094H	
P251-0095H	
<b>TERMINAL KITS</b>	
TP-TERMKIT/TOOL	
TP-TERMKITDELUXE	
TT-TERMKIT	

<b>PAGE 24</b>	
<b>FUSES</b>	
FLNR015.T	
FLNR020.T	
FLNR025.T	
FLNR030.T	
FLNR035.T	
FLNR040.T	
FLNR045.T	
FLNR050.T	
FLNR060.T	
OATO003.V	
OATO005.V	
<b>WIRE NUTS</b>	
TP-WNB	
TP-WNO	
TP-WNY	
TP-WNR	
<b>THERMOSTAT WIRE</b>	
0691	
0692	
L1240	
L1320	
L1411	
L1925	
<b>EXTENSION CORDS</b>	
024088804 14/3	
024098804 14/3	
025880002 12/3	
14880023-6 12/3	
26020008-6 12/3	
<b>HEATING CABLE</b>	
W51-6P 6"	
W51-12P 12"	
W51-18P 18"	
W51-24P 24"	
<b>CIRCUIT TESTERS</b>	
POP3-3AMP	
POP5-5AMP	
<b>PAGE 25</b>	
<b>MEDIA AIR CLEANERS</b>	
AA-1210 1210	
AA-1310 1310	
AA-1410 1410	
AA-2210 2210	
AA-2310 2310	
AA-2410 2311	
AA-1213	
AA-1413	
TT-MAC-1625	
TT-MAC-1722	
TT-MAC-2020	
TT-MAC-2025	
TT-MAC-2122	
TT-MAC-2522	
<b>PAGE 26</b>	
<b>REPLACEMENT MEDIA</b>	
<b>FILTERS</b>	
P101-1625	
P102-1625	
P102-2025	
AA-201	
AA-210	
AA-213	
AA-401	
AA-410	

AA-413	
AA-501	
TT-FM15-1620	
TT-FM15-1625	
TT-MAC-1625	
TT-FM15-2020	
TT-FM15-2025	
TT-FM-1620	
TT-FM-1625	
TT-FM-2020	
TT-FM-2025	
FC100A1011	
FC100A1003	
FC100A1037	
<b>DISPOSABLE FILTERS</b>	
14X14X1	
14X20X1	
14X24X1	
14X30X1	
16X20X1	
16X25X1	
20X20X1	
20X25X1	
14X14X1PL40	
16X20X1PL40	
16X20X2PL40	
16X25X1PL40	
16X25X2PL40	
20X20X1PL40	
20X20X2PL40	
20X25X1PL40	
20X25X2PL40	
16X20X4PL40	
16X25X4PL40	
20X20X4PL40	
20X25X4PL40	
24X24X4PL40	
<b>PAGE 27</b>	
<b>HUMIDIFIERS</b>	
P110-LBP2417	
P110-LFP1518	
P110-SBP2412	
HE150A1005	
HE200A1000	
HE250A1005	
HE300A1005	
HM700A1000	
AA-400	
AA-400M	
AA-500	
AA-600	
AA-600M	
AA-700	
AA-700M	
AA-800	
SIG1	
SOX3	
TT-HUM-225	
TT-HUM-265	
TT-HUM-365	
<b>WATER PADS</b>	
P110-1045	
P110-3545	
AA-35	
AA-10	
AA-12	

<b>PAGE 28</b>	
<b>UV FILTRATION</b>	
TT-AK245-V2	
TT-AK249-V2	
TT-AK24IPG-14	
TT-AK24IPG-7	
TT-AKCELL-5	
TT-AKCELL-9	
TT-IPG-CELL14	
TT-AKPTAC-230	
TT-AKPTAC-265	
TT-UV24-14	
TT-UVB14	
P103-SABER24-12	
<b>DEHUMIDIFIER</b>	
AA-1850	
<b>PAGE 29</b>	
<b>HEAT PUMP RISERS</b>	
HPR-3	
HPR-3-2P	
HPR-6	
HPR-6-2P	
<b>VIBRATION PADS &amp; MOUNTING BLOCKS</b>	
MP-2C	
MP-4C	
FB-1	
19709-1	
<b>EQUIPMENT PADS</b>	
EP-24x24x2-P	
EP-24x30x2-P	
EP-30x30x2-P	
EP-32x32x2-P	
EP-36x36x2-P	
EP-38x42x2-P	
EP-16x36x2-U	
EP-18X38X3-P	
EP-30x30x2-U	
EP-32x32x2-U	
EP-36x36x2-U	
EP-36x40x2-U	
EP-36x48x2-U	
EP-24x24x2-U	
<b>MOUNTING BRACKETS</b>	
ACB-30	
ACB-36	
ACB-42	
ACB-48	
<b>EQUIPMENT SECURITY</b>	
<b>CAGES</b>	
ACGU-KIT	
ACMS	
<b>COPPER TUBING</b>	
REF-50X1/4	
REF-50X3/8	
REF-50X1/2	
REF-50X5/8	
REF-50X3/4	
REF-50X7/8	
REF-50X1-1/8	
<b>PAGE 30</b>	
<b>COPPER FITTINGS</b>	
TP-3/890CELR	
TP-3/890CELRST	
TP-3/8CC	

TP-1/290CELR	
TP-1/2CC	
TP-3/490CELR	
TP-3/490CELRST	
TP-3/4CC	
TP-7/890CELR	
TP-7/890CELRST	
TP-7/8CC	
TP-11/890CELR	
TP-11/890CELRST	
TP-11/8CC	
<b>LINE SETS</b>	
LS-3/8X3/4X1/2X50	
LS-3/8X3/4X1/2X30	
LS-3/8X5/8X1/2X50	
LS-3/8X5/8X1/2X30	
LS-3/8X7/8X1/2X50	
LS-3/8X7/8X1/2X30	
LS-3/8X1-1/8X1/2X50	
LS-3/8X1-1/8X1/2X30	
LS-1/4X1/2X1/2X25DS	
LS-1/4X1/2X1/2X50DS	
LS-1/4X3/8X1/2X25DS	
LS-1/4X3/8X1/2X50DS	
LS-1/4X5/8X1/2X25DF	
LS-1/4X5/8X1/2X50DF	
<b>TUBING INSULATION</b>	
TI-3/8X3/8X6	
TI-5/8X3/8X6	
TI-3/4X3/8X6	
TI-7/8X3/8X6	
TI-1-1/8X3/8X6	
TI-3/8X1/2X6	
TI-5/8X1/2X6	
TI-3/4X1/2X6	
TI-7/8X1/2X6	
TI-1-1/8X1/2X6	
<b>LINE SET DUCTING</b>	
LCFI122W	
LCI122W	
LCO122W	
LD122W	
LEN122W	
LJ122W	
LK122W	
LKF122W	
LKS122W	
LP122W	
LW122W	
LCI122I	
LCO122I	
LD122I	
LEN122I	
LJ122I	
LK122I	
LKF122I	
LW122I	
230-1KC4	
<b>PAGE 31</b>	
<b>LINE SET PROTECTION</b>	
TSS-65072EB	
TSS-67572CB	
TGS-65072EB	
TGS-67572CB	
TGS-550-G	
TGS-575-G	



TSS-550-G	
TSS-575-G	
72E-B	
72C-B	
72X-B	
750E-B	
750C-B	
750X-B	
<b>PAGE 32 SUCTION LINE DRIERS</b>	
P503-8083S	
P503-8084S	
P503-8134SSFD	
P503-8135S	
P503-8135SSFD	
P503-8136SSFD	
P503-8137SSFD	
P503-8166S	
P503-8167S	
P503-8219S	
P503-8279SSFD	
P503-83511S	
P503-83813S	
P503-85413SSFD	
TP-SLD165S	
TP-SLD166S	
TP-SLD167S	
TP-SLD305S	
SLD135SV	
SLD136SV	
SLD137SV	
KH45LG140	
KH45LG141	
<b>BI-FLOW HEAT PUMPS DRIERS</b>	
P504-8083S	
P504-8084S	
P504-8085S	
P504-8163S	
P504-8164S	
P504-8165S	
P504-H163S	
TT-LLDBF083S	
TT-LLDBF163S	
BF083S	
BF163S	
<b>PAGE 33 LIQUID LINE DRIERS</b>	
P502-C053S	
P502-C083S	
P502-C084S	
P502-C163S	
P502-C164S	
P502-C165S	
P502-C303S	
P502-C305S	
P502-C307S	
P502-C415S	
<b>POWER TOOLS</b>	
TP-LLD083S	
TP-LLD163S	
083S	
163S	
KH43LG072	
KH43LG073	
KH43LG074	
KH43LG075	

<b>SIGHT GLASS</b>	
AMI1SS5	
AMI1SS7	
AMI1SS9	
TP-SG38	
<b>GAS BALL VALVES</b>	
92-3232	
92-4242	
<b>GAS CONNECTORS</b>	
TP-GC-581212MM-24	
TP-GC-581212MM-36	
<b>BLACK PIPE &amp; FITTINGS</b>	
BPF-31	
BPF-01	
BPF-07	
BPF309R-86	
BPF-06	
BPF-13	
BPF-19	
BPF311R-886	
BPF314-8	
BPF-25	
BPF321-8	
BPF1221-8	
BPF319-8	
BPF-31	
BPF-16	
BPF-32	
BPF-02	
BPF-29	
BPF-08	
BPF314-12	
BPF-10	
BPF-26	
BPF321-12	
BPF-20	
BPF-21	
BPF-14	
BPF-05	
BPF319-12	
BPF-17	
BPN-24	
BPN-28	
<b>PAGE 34 DRAIN PANS</b>	
AG-G-30X50	
AG-G-30X62	
AG-GF-34X79X7	
6-2748L	
6-3060L	
6-2763L	
<b>VINYL TUBING</b>	
7-38	
7-12	
<b>PVC PIPE &amp; FITTINGS</b>	
PVC3/4X10	
PVC3/4X10-21	
TP-PVC-401007A	
TP-PVC-406007A	
TP-PVC-407007A	
TP-PVC-409007A	
TP-PVC-410007A	
TP-PVC-417007A	
TP-PVC-429007A	
TP-PVC-435007A	
TP-PVC-436007A	
TP-PVC-447007A	
TP-PVC-448007A	

PVC2X10-40	
PVC2-1/2X10-40	
PVC3X10-40	
05872	
417-025	
429-020	
429-025	
429-030	
437-292	
437-338	
<b>TRAPS</b>	
488-007	
489-007	
<b>CONDENSATE PUMPS</b>	
VCMA15ULS	
VCMA20ULS	
VCMA20ULS230	
VCMX20ULS	
CP-22T	
IQP-120	
TT-CP-20-230T	
TT-CP-20T	
<b>PAGE 35 CONDENSATE SWITCHES &amp; SENSORS</b>	
AG-1200	
AG-1250E	
AG-3125E	
AG-3150E	
AG-4200	
WS-1	
<b>SAFETY SWITCHES</b>	
TP-SS1	
TP-SS2 90	
TP-SS3	
<b>TRAP KITS</b>	
EZT-210	
EZT-113B	
<b>CONDENSATE CLEANOUT</b>	
TP-AA1	
<b>CONCENTRIC VENT KITS</b>	
CVENT-2	
CVENT-3	
<b>TERMINATION KITS</b>	
HVENT-2	
HVENT-3	
<b>PAGES 37 GRILLES, REGISTERS &amp; DIFFUSERS</b>	
16W8	
16W6	
12GS6	
12GS8	
3806GS	
3808GS	
421MGS2X10	
421MGS4X10	
421MGS4X12	
421GS6X12	
421MW4X10	
420GS10X2	
420GS12X2	
420W12X2	
406W18	
650W10X10	
650W10X6	
650W12X10	
650W12X12	

650W12X6	
650W14X14	
650W14X8	
650W16X16	
650W16X20	
650W18X18	
659W12X12	
659W14X14	
659W14X20	
659W16X16	
659W20X20	
659W20X25	
659W24X24	
672W14X10	
672W14X20	
672W14X24	
672W16X10	
672W16X20	
672W18X12	
672W18X18	
672W20X25	
672W24X24	
672MW10X10	
672MW10X6	
672MW12X12	
672MW12X8	
672MW12X6	
672MW14X14	
672MW14X6	
672MW14X8	
672MW16X16	
672MW20X20	
673MW12X12	
673MW14X14	
673MW14X20	
673MW16X20	
673MW20X20	
673MW20X25	
673MW25X20	
673W16X16	
682MW10X4	
682MW10X6	
682MW12X4	
682MW12X6	
682MW12X8	
682MW14X6	
682MW14X8	
682MW8X6	
682W12X12	
FPDW10	
FPDW12	
FPDW14	
FPDW6	
FPDW8	
FPD3W10	
FPD3W12	
FPD3W6	
FPD3W8	
FPD3R6W8	
HVS	
CBPRW6	
CBPRW8	
CBPSW6	
CBPSW8	
FBR	
SBPW10	
SBPW12	
SBPW6	

SBPW8	
RENPS	
<b>DUCT LINER</b>	
DL-47-1/2X100X1	
DL-47-1/2X100X1/2	
<b>DUCT LINER PINS</b>	
BGB1000	
BGB12	
<b>PAGE 38 FLEX DUCT</b>	
FD-4X25-R42F	
FD-5X25-R42F	
FD-6X25-R42F	
FD-7X25-R42F	
FD-8X25-R42F	
FD-10X25-R42F	
FD-12X25-R42F	
FD-14X25-R42F	
FD-16X25-R42F	
FD-18X25-R42F	
FD-4X25-R6F	
FD-5X25-R6F	
FD-6X25-R6F	
FD-7X25-R6F	
FD-8X25-R6F	
FD-10X25-R6F	
FD-12X25-R6F	
FD-14X25-R6F	
FD-16X25-R6F	
FD-4X25-R8F	
FD-5X25-R8F	
FD-6X25-R8F	
FD-7X25-R8F	
FD-8X25-R8F	
FD-9X25-R8F	
FD-10X25-R8F	
FD-12X25-R8F	
FD-14X25-R8F	
FD-16X25-R8F	
FD-18X25-R8F	
FD-20X25-R8F	
<b>DUCT WRAP</b>	
DW-48X100X1-1/2F-75	
DW-48X75X2F-75	
DW-48X50X3F-75	
DW-48X100-BW	
DW-48X75-BW-R8	
FD-6X25-R42BV	
FD-8X25-R42BV	
FD-10X25-R42BV	
FD-12X25-R42BV	
FD-14X25-R42BV	
FD-4X25-R6BV	
FD-5X25-R6BV	
FD-6X25-R6BV	
FD-8X25-R6BV	
FD-10X25-R6BV	
FD-4X25-R8BV	
FD-5X25-R8BV	
FD-6X25-R8BV	
FD-7X25-R8BV	
FD-8X25-R8BV	
FD-10X25-R8BV	
FD-12X25-R8BV	
FD-14X25-R8BV	
FD-16X25-R8BV	
FD-18X25-R8BV	

<b>FLEXIBLE DUCT CONNECTORS</b>	
JBX100	
MFN444	
<b>PAGES 39-41 SHEET METAL DUCT &amp; FITTINGS</b>	
SWPSL60426	
SWPSL60526	
SWPSL60726	
SWPSL70826	
SWPSL80926	
SWPSL601226	
SWPSL601026	
SWPSL601228	
SWP24R2105	
SWP24R2106	
SWP24R4104	
SWP24R4105	
SWP24R4106	
SWP24R4107	
SWP24R4108	
SWP24R4125	
SWP24R4126	
SWP24R4127	
SWP24R4128	
SWP24R4148	
SWP24R6106	
SWP24R6107	
SWP24R6126	
SWP24R6127	
SWP24R6128	
SWP24R6148	
SWP1060264	
SWP1060265	
SWP1060266	
SWP1060268	
SWP10602610	
SWP10602612	
SWP27R2126	
SWP27R2127	
SWP27R486	
SWP27R4104	
SWP27R4105	
SWP27R4106	
SWP27R4107	
SWP27R4108	
SWP27R4126	
SWP27R4127	
SWP27R4128	
SWP27R4148	
SWP27R6106	
SWP27R6107	
SWP27R6126	
SWP27R6127	
SWP27R6148	
SWP27R8148	
SWP28R2106	
SWP28R4104	
SWP28R4105	
SWP28R4106	
SWP28R4107	
SWP28R126	
SWP28RL4126	
SWP28RR4126	

SWP28R4127	
SWP28RL4127	
SWP28RR4127	
SWP28R6106	
SWP28R6107	
SWP28R6126	
SWP28R6128	
SWP28R6148	
SWPST90330	
SWPST90430	
SWPST90530	
SWPST90630	
SWPST90730	
SWPST90830	
SWP90330	
SWPST91030	
SWPST91230	
SWP90326	
SWPST90426	
SWPST90526	
SWPST90626	
SWPST90726	
SWPST90826	
SWPST90926	
SWPST901026	
SWPST901226	
SWPAT624	
SWPAT625	
SWPAT626	
SWPAT627	
SWPAT628	
SWPAT62WD5	
SWPAT62WD8	
SWP5843	
SWP5853	
SWP5854	
SWP5863	
SWP5864	
SWP5865	
SWP5875	
SWP5876	
SWP5884	
SWP5885	
SWP5886	
SWP5887	
SWP58106	
SWP58107	
SWP58108	
SWP58109	
SWP58128	
SWP581210	
SWP635	
SWP636	
SWP627	
SWP62FG6	
SWP62FG7	
SWPATT4	
SWPATT5	
SWPATT6	
SWPATT7	
SWPATT8	
SWPATT9	
SWPATT10	
SWPATT12	
SWPATD4	
SWPATD5	

SWPATD6	
SWPATD7	
SWPATD8	
SWPATD9	
SWPATD10	
SWPATD12	
SWP84STWD6	
SWP84STWD7	
SWP84STWD8	
SWP97LS4	
SWP97LS5	
SWP97LS6	
SWP97LS7	
SWP97LS8	
SWP97LS9	
SWP97LS10	
SWP97LS12	
SWP97LSWD6	
SWP97LSWD8	
SWP84ST4	
SWP84ST5	
SWP84ST6	
SWP84ST7	
SWP84ST8	
SWP84ST9	
SWP84ST10	
SWP84ST12	
SWP84ST24	
SWP84ST25	
SWP84ST26	
SWP84ST27	
SWP84ST28	
SWP84ST210	
SWP84ST212	
SWP84STWD6	
SWP84STWD7	
SWP84STWD8	
SWP122SC4	
SWP122SC5	
SWP122SC6	
SWP122SC7	
SWP122SC8	
SWP122SC9	
SWP122SC10	
SWP122SC12	
SWPTD601414	
SWPTD601610	
SWPTD60188	
SWPTD601810	
SWPTD60208	
SWPTD602010	
SWPTD60228	
SWPTD60248	
SWPTD6088	
SWPTD48108	
SWPTD60108	
SWPTD601010	
SWPTD60128	
SWPTD48148	
SWPTD60148	
SWPTD601410	
SWPTD60168	
SWP554NC	
SWP555NC	
SWP556NC	
SWP557NC	

SWP558NC	
SWP559NC	
SWP5510NC	
SWP5512NC	
SWP554	
SWP556	
SWP558	
SWP5510	
SWP1688	
SWP16108	
SWP16128	
SWP16188	
SWP14108	
SWP14188	
SWP14208	
SWP14248	
SWP2188	
SWP21108	
SWP21128	
SWP21148	
SWP21168	
SWP21188	
SWP21208	
SWP21228	
SWP21248	
SWP352	
SWP354	
SWP356	
SWP358	
<b>PAGE 42</b>	
<b>CABLE TIES</b>	
TP-CABLETIE11B	
TP-CABLETIE14B	
TP-CABLETIE24B	
TP-36NSTRAP	
TP-48NSTRAP	
DN36N	
DN48N	
DNM08UV10M	
DNM11UV5M	
<b>STAINLESS STEEL BAND</b>	
<b>CLAMPS</b>	
DT10WD	
DT12WD	
DT16WD	
DT7WD	
<b>DUCT WRAP</b>	
TP-WEBBINGSTRAP	
710-A16100	
NS300	
<b>SHARP-POINT SCREWS</b>	
HW10X3/4ZT	
HW7X1/2ZT	
HW8X1/2ZP	
HW8X1/2ZT	
HW8X2ZWT	
HW8X3/4ZT	
TT-8x1/2TPM	
TT-8x2TP250	
TT-8x3/4TPM	
SAP8X1/2	
SAF8X1/2	
SAF8X3/4	
SAP8X3/4	

SAF10X3/4BH	
SAP8X2W	
SAF8X2W	
<b>DRILL-POINT SCREWS</b>	
TT-8X1DP500	
TT-8X3/4DP500	
TT-10X1/2DP500	
TT-10X3/4DP500	
PPP8HHX3/4	
PPF8HHX3/4	
PPP10HHX3/4	
<b>PAGE 43</b>	
<b>MISC. FASTENERS &amp; CLAMPS</b>	
FS-500SSPG10	
FS-200SSPG10	
FS-7125-6	
TT-3/8HN	
TT-3/8FLW	
TT-HOSECLAMPS	
TT-CK410TT-CH50	
TT-3/8TC 3/8"-16	
TT-AK1/4HW100	
TP-HC38-50	
<b>REFRIGERANT SAFETY</b>	
<b>CAPS</b>	
NG-R22 10PK	
NG-R22 2PK	
NP-R410 10PK	
NP-R410-2PK	
NV-MULTIKEY	
<b>TOWELS</b>	
TP-TOWEL-ROLL	
TP-TOWEL-SHOP-	
TP-TOWEL-SURG	
<b>PPE</b>	
GSF-LC	
GSF-XLC	
CSBCAD-BXL	
CSBCADBXXL	
CSBCAWPDBXL	
CSBCAWPDBXXL	
DSB4110S	
DSB2S10S	
<b>GLOVES</b>	
GTT-LC	
GTT-XLC	
<b>CHIP BRUSHES</b>	
TP-B2	
TP-B3	
<b>BATTERIES</b>	
7-AL9V	
7-ALAA	
7-ALAAA	
<b>PAGE 44</b>	
<b>BLOWER MOTORS</b>	
P257-8585	
P257-8587	
P257-8589	
P257-8584	
P257-8586	
P257-8588	
P257-8590	
T257-3587	

T257-3589	
T257-3584	
T257-3586	
T257-3588	
T257-3590	
T257-3466	
T257-3467	
TP-E25-3SP1	
TP-E33-3SP1	
TP-E50-3SP1	
TP-E75-3SP1	
TP-E50-MHP1	
TP-E75-MHP1	
TP-E25-3SP2	
TP-E33-3SP2	
TP-E50-3SP2	
TP-E75-3SP2	
TP-E50-MHP2	
TP-E75-MHP2	
58MV660003	
58MV660005	
58MV660006	
<b>CONDENSER MOTORS</b>	
P257-8728	
P257-8729	
P257-8730	
T257-3727	
T257-3728	
T257-3729	
T257-3730	
T257-3731	
TP-C50-1SP2	
TP-C33-1SP2	
TP-C25-1SP2	
TP-C16-1SP2	
TP-C75-1SP2	
TP-C50-MHP2	
TP-C33-MHP2	
TP-C16-1SP2-8	
TP-C25-1SP2-8	
TP-C33-1SP2-8	
TP-C33-MHP2-8	
<b>BELLY BAND ADAPTER</b>	
P251-0011	
GE-A447	
KGBSD0301FMS	
<b>PAGE 45</b>	
<b>CAPACITORS</b>	
TP-CAP-3/440	
TP-CAP-4/440	
TP-CAP-5/440	
TP-CAP-7.5/440	
TP-CAP-10/440	
TP-CAP-12.5/440	
TP-CAP-15/440	
TP-CAP-20/440	
TP-CAP-25/440	
TP-CAP-30/440	
TP-CAP-35/440	
TP-CAP-40/440	
TP-CAP-45/440	
TP-CAP-45/440R	
TP-CAP-50/440	
TP-CAP-55/440	

TP-CAP-55/440R	
TP-CAP-60/440	
TP-CAP-60/440R	
TP-CAP-70/440	
TP-CAP-80/440	
TP-CAP-15/5/440R	
TP-CAP-20/5/440	
TP-CAP-20/5/440R	
TP-CAP-25/5/440	
TP-CAP-25/5/440R	
TP-CAP-25/7.5/440R	
TP-CAP-30/5/440	
TP-CAP-30/5/440R	
TP-CAP-30/7.5/440	
TP-CAP-35/5/440	
TP-CAP-35/5/440R	
TP-CAP-35/7.5/440	
TP-CAP-35/7.5/440R	
TP-CAP-40/5/440	
TP-CAP-40/5/440R	
TP-CAP-40/7.5/440	
TP-CAP-40/7.5/440R	
TP-CAP-45/5/440	
TP-CAP-45/5/440R	
TP-CAP-45/7.5/440	
TP-CAP-45/7.5/440R	
TP-CAP-50/5/440	
TP-CAP-50/5/440R	
TP-CAP-50/7.5/440	
TP-CAP-55/5/440	
TP-CAP-55/5/440R	
TP-CAP-55/7.5/440R	
TP-CAP-60/5/440R	
TP-CAP-60/7.5/440R	
TP-CAP-60/10/440	
TP-CAP-70/5/440R	
TP-CAP-80/5/440	
TP-CAP-80/5/440R	
<b>MULTI-VALUE CAPACITORS</b>	
TURBO 200	
TURBO 200	
<b>RAIN SHIELDS</b>	
P251-0051	
P251-0052	
P251-0056	
P251-0057	
P251-0058	
<b>SHAFT BRUSHING</b>	
P251-0067	
<b>COMPRESSOR PLUG ASSEMBLY</b>	
P298-001	
<b>PAGE 46</b>	
<b>MOTOR MOUNTS</b>	
P251-0073	
P251-0074	
P251-0015	
<b>ADJUSTABLE MOTOR PULLEYS</b>	
P461-3507	
P461-3706	
<b>BELTS</b>	
P463-AX26	
P463-AX32	
P463-AX33	
P463-AX35	



P463-AX36	
P463-AX38	
P463-AX39	
P463-AX40	
P463-AX44	
P463-AX45	
P463-AX47	
P463-AX48	
P463-AX49	
P463-AX50	
P463-AX51	
P463-AX52	
P463-AX53	
P463-AX54	
P463-AX55	
P463-AX56	
P463-AX60	
P463-BX38	
P463-BX42	
P463-BX43	
P463-BX46	
P463-BX48	
P463-BX50	
P463-BX56	
P463-BX58	
P463-BX59	
P463-BX62	
P463-BX65	
P464-3VX710	
P465-4L200	
P465-4L210	
P465-4L220	
P465-4L260	
P465-4L280	
P465-4L290	
P465-4L300	
P465-4L320	
P465-4L470	
P465-4L480	
<b>PAGES 48 - 50 DIGITAL METERS \$ ASSEC.</b>	
SDP2	
HS36	
SC260	
SC440	
SC57	
SDP2	
SDMN5	
SDMN6	
STA2	
SOX3	
SRL2K7	
SVG3	
ATC1	
ADK7	
JL2	
179	
FLUKE-902	
116	
325	
A3000	
V3000	
62	
T5-600	
CO-220	
TT-LD	

TT-LD-S	
2206-20	
2237-20	
725L	
TLK3	
9070	
709A740C1	
ABM-100	
ABM-200	
SPM-100	
PRB-KIT	
TRI-MIN	
EXP-64	
<b>THERMOMETERS</b>	
FLIR TG54/TG56	
SPK2	
SPK3	
HIL-1839106	
HIL-1839108	
2277-20 M12	
<b>PAGES 50 &amp; 51 THERMAL IMAGERS</b>	
2260-21	
TGI165	
TGI165	
FLIR	
FLIR C2	
FLIR E4	
FLIR E5	
FLIR E6	
FLIR E8	
2313-21	
WS100	
<b>PAGES 52 &amp; 53 MANIFOLDS, GAUGES &amp; HOSES</b>	
DV40S	
49867	
42001	
42004	
915M	
SMAN360	
SMAN460	
ABM1	
HIL-1839110	
HIL-1839114	
HIL-1839132	
HIL-1839134	
HIL-1932650	
TP-2VM5H	
22986	
29985	
TP-5HB	
TP-5HR	
TP-5HY	
TT-BVB	
TT-BVR	
TT-BVY	
HIL-1839150	
HIL-1839151	
HIL-1839152	
HIL-1839154	
HIL-1839153	
HIL-1839158	
HIL-1839143	
HIL-1839148	

HIL-1839082	
HIL-1839083	
HIL-1839086	
HIL-1839087	
hIL-1839092	
HIL-1839093	
TP-HSG	
TP-HSGL	
TP-LSG	
TP-LSGL	
<b>ELECTRONIC SCALES</b>	
TT-SCALE	
DS2000	
DS2000S	
SRS1	
<b>PAGES 54 DIGITAL PSYCHROMETER</b>	
PRH2	
<b>REFRIGERANT RECOVERY</b>	
G5TWIN	
TP-MM1	
95760	
<b>VACUUM PUMPS</b>	
TP-V5	
TT-VACOIL-GAL	
TT-VACOIL-QT	
93560	
93600	
DV-T1	
DV-200N	
DV-6E-250	
<b>PAGES 54 &amp; 55 WELDING &amp; SOLDERING</b>	
A-5 A5	
A-8 A8	
PL-5ADLX-MC	
ET-4701	
TP-100	
TT-NR400	
ET-478	
ET-4722	
ET-4728	
ET-4735	
R20REFILL	
B40REFILL	
MC10REFILL	
N20REFILL	
N40REFILL	
N60REFILL	
N80REFILL	
48-22-2002	
48-22-2008	
HIL-1891397	
48-22-2103	
48-22-2301	
48-22-2302	
48-22-2502	
48-22-2517	
48-22-2521	
48-22-2522	
HIL-1839055	
HIL-1839056	
HIL-1839057	
HIL-1839054	
HIL-1891260	

<b>PAGES 55 - 57 HAND TOOLS</b>	
KLE-1010	
KLE-3100	
KLE-11055	
KLE-32527	
KLE-68244	
KLE-85484	
KLE-86550	
KLE-86551	
KLE-86552	
KLE-86553	
KLE-86554	
KLE-86555	
KLE-86556	
KLE-86560	
KLE-88977	
KLE-88980	
KLE-88981	
KLE-88982	
KLE-89021	
KLE-89030	
KLE-89565	
KLE-600-4	
KLE-601-6	
KLE-602-6	
KLE-603-4	
KLE-603-7	
KLE-630-1/4M	
KLE-630-5/16M	
KLE-646-1/4M	
KLE-646-5/16M	
KLE-646M	
KLE-820-16	
KLE-D203-8	
KLE-D228-8	
KLE-D508-4	
KLE-D507-8	
KLE-J1100L	
KLE-J1101R	
KLE-J1102S	
KLE-J2100I	
KLE-J2101R	
KLE-2102S	
KLE-2104I	
KLE-2105R	
KLE-2106S	
KLE-44101	
KLE-D507-8	
KLE-610M	
KLE-J1005	
KLE-32561	
KLE-44130	
KLE-44131	
KLE-44132	
KLE-86570	
KLE-86600	
KLE-86601	
KLE-32557	
KLE-86602	
KLE-93225	
KLE-602-7DD	
KLE-612-4	
KLE-J2068C	
KLE-88978	
KLE-55419SP-14	

KLE-44103	
KLE-55421BP14	
KLE-J20009NE	
KLE-88904	
KLE-88905	
<b>PAGE 57</b>	
<b>KNIVES &amp; BLADES</b>	
48-22-1990	
48-22-1995	
48-22-1902	
48-22-1910	
48-22-1905	
<b>PAGES 57 &amp; 58</b>	
<b>HAND TOOLS</b>	
A32008	
48-22-3069	
48-22-4107	
48-22-3110	
48-22-4000	
48-22-4012	
48-22-4022	
48-22-4033	
18F	
TY4G	
TC400	
TS1	
S11	
S2R	
S3R	
S6R	
HC1	
HHD1	
HHD2	
C5R	
M2001	
M2002	
M2003	
M2004	
M2005	
M2006	
M2007	
N1R	
TP-70074	
HIL-1885423	
HIL-1891191	
HIL-1891192	

HIL-1891190	
<b>FLARE &amp; SWAGING TOOLS</b>	
HIL-1838947	
HIL-1838952	
HIL-1839008	
HIL-1839009	
HIL-1839015	
<b>PAGE 59</b>	
<b>PIPE &amp; TUBING CUTTERS</b>	
60121	
60142	
HIL-1885381	
HIL-1885382	
HIL-1885383	
HIL-1885384	
HIL-1885385	
HIL-1885386	
HIL-1885387	
HIL-1885388	
HIL-1885393	
HIL-1839027	
HIL-1839029	
HIL-1839032	
HIL-1890999	
<b>UTILITY BLOWER</b>	
9550	
<b>PAGES 59 &amp; 60</b>	
<b>POWER TOOLS</b>	
2401-22	
2402-22	
2404-22	
2453-22	
2420-21	
6509-31	
2797-22	
49-24-2310	
48-11-2420	
48-11-2440	
2510-20	
<b>PAGE 61</b>	
<b>POWER TOOL ACCES.</b>	
48-32-2301	
48-32-4401	
48-32-4402	
48-32-4461	
48-32-4462	

48-32-4463	
48-32-4492	
48-32-4503	
48-32-4511	
48-32-4512	
49-66-4502	
49-66-4503	
49-66-4505	
TT-MSH1/4MC	
TT-MSH5/16MC	
HIL-1885435	
HIL-1885436	
HIL-1885437	
48-25-2562	
48-89-9100	
48-89-9135	
48-89-9212	
48-00-5035	
48-00-5036	
48-00-5037	
48-00-5182	
48-00-5184	
48-00-5186	
48-00-5187	
48-00-5188	
48-00-8026	
48-00-8184	
48-00-8186	
<b>PAGE 62 - 63</b>	
<b>MISC. TOOLS &amp; ACCESSORIES</b>	
49-22-4800	
49-56-0153	
49-56-0197	
HIL-1839046	
48-22-5109	
MBK-6	
GG-1	
GGC-12	
61308	
GLY32	
TWS-40	
48-22-3100	
48-22-5116	
48-22-5125	
48-22-5135	

PCRT-1	
PCRT-2 XL	
FSC10	
ESPRO1	
HIL-1839078	
HIL-1839079	
HIL-1839080	
49-17-0180	
2381-2X M12	
2381-L M12	
2381-M M12	
2381-XL M12	
2383-2X M12	
2383-L M12	
2383-M M12	
2383-XL M12	
2321-20 M12	
2322-20 M12	
HIL-1891463	
HIL-1891469	
HIL-1891592	
HIL-1891606	
HIL-1891607	
HIL-1891624	
KLE-40208	
KLE-40209	
KLE-40210	
2393-2X M12	
2393-L M12	
2393-M M12	
2393-XL M12	
2395-2X M12	
2395-L M12	
2395-M M12	
2395-XL M12	

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TP-LLD163S	3/8 SWT 16 CU IN LIQ LIN FILT DRIER	\$11.23



083S	3/8 SWT 8 CU IN LIQ LIN FILT DRIER	\$16.52
163S	3/8 SWT 16 CU IN LIQ LIN FILT DRIER	\$24.43



KH43LG072	HP DRIER FOR R410	\$39.18
KH43LG073	DRIER FILTER	\$20.02
KH43LG074	LIQUID LINE DRIER	\$35.57
KH43LG075	LIQUID LINE DRIER	\$49.97

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- highest sensitivity moisture indicator available
- Take-Apart design for easy repair
- Single indicator for all common refrigerants
- Accurate color calibration at low ppm levels and higher temperatures
- Wide angle viewing/high visibility window for ease of monitoring
- Solid copper connections

AMI1SS5 SIGHT GLASS	5/8 IN	\$32.35
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AMI1SS9 SIGHT GLASS	1 1/8 IN	\$51.09



- Suitable for R410A, R22, R134A, R404A, R407C, R507
- Max pressure 610psi

TP-SG38	3/8" MOISTURE INDICATING SIGHT GLASS	\$12.25
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92-4242	3/4" FIP GAS BALL VALVE	\$8.80

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- 1/2" ID Gas Connector
- w/ 1/2" Male Fitting



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BPF-31	1/2" UNION	\$2.90
BPF-01	1/2" 90 ELB	\$0.65
BPF-07	1/2" COUPLING	\$0.59
BPF309R-86	1/2" X 3/8" RED 90	\$2.29
BPF-06	1/2" 45 ELBOW	\$0.89
BPF-13	1/2" 90 ST ELBOW	\$0.87
BPF-19	RED TEE 1/2" X 1/2" X 3/4"	\$2.99
BPF311R-886	RED TEE 1/2" X 1/2" X 3/8"	\$3.48
BPF314-8	1/2" CROSS	\$4.20
BPF-25	1/2" CAP	\$0.43
BPF321-8	BLACK FLOOR FLANGE 1/2"	\$3.69
BPF1221-8	ELBOW SIDE OUTLET 1/2"	\$3.89
BPF319-8	BLACK LOCK NUT 1/2"	\$1.21
BPF-31	1/2" UNION	\$2.45
BPF-16	1/2" TEE	\$0.93
BPF-32	3/4" UNION	\$4.99
BPF-02	3/4" 90 ELB	\$0.78
BPF-29	3/4" PLUG	\$0.79
BPF-08	3/4" COUPLING	\$1.49
BPF314-12	3/4" CROSS	\$5.29
BPF-10	RED CPL 3/4 X 1/2"	\$1.05
BPF-26	3/4" CAP	\$0.89
BPF321-12	BLACK FLOOR FLANGE 3/4"	\$4.89
BPF-20	RED TEE 3/4 X 1/2 X 1/2"	\$2.89
BPF-21	RED TEE 3/4 X 3/4 X 1/2"	\$2.89
BPF-14	90 ST ELBOW	\$1.89
BPF-05	45 ELBOW	\$1.79
BPF319-12	LOCK NUT 3/4"	\$1.29
BPF-17	3/4" TEE	\$1.59
BPN-24	1/2" X 4" NIPPLES	\$0.64
BPN-28	3/4" X 6" NIPPLES	\$2.11

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- Strongest, most rugged HVAC secondary drain pan on the market today
- Crack/split/leak/rust resistant
- Self extinguishing
- Made in USA

AG-G-30X50	GOLIATH DRAIN PAN 30" X 50"	\$57.70
AG-G-30X62	GOLIATH DRAIN PAN 30" X 62"	\$67.14
AG-GF-34X64X7	GOLIATH FURNACE SERIES DRAIN PAN 34" X 64" X 7"	\$82.86
AG-GF-34X79X7	GOLIATH FURNACE SERIES DRAIN PAN 34" X 79" X 7"	\$102.02

INSTALLATION SUPPLIES



## DRAIN PANS (CONT'D)



- Rolled edges for durability
- Ribbed bottoms and reinforced corners
- 3/4in. PVC fittings included
- No seams, no rust, and no leakage

6-2748L	27x48 Plastic Drain Pan	\$18.95
6-3060L	30x60 Plastic Drain Pan	\$23.58
6-2763L	27x63 Plastic Drain Pan	\$28.37

## VINYL TUBING



7-38	3/8ID X 100FT CLEAR VINYL TUBING	\$11.24
7-12	1/2ID X 100FT CLEAR VINYL TUBING	\$18.43

## PVC PIPE & FITTINGS



- 10 per bag

PVC3/4X10	3/4" X 10' SCH-40 PVC PIPE	\$3.52
PVC3/4X10-21	3/4" X 10' SDR21 PVC PIPE	\$2.19
TP-PVC-401007A	3/4" PVC TEE SXSXS	\$0.34
TP-PVC-406007A	3/4" PVC 90 ELBOW SXS	\$0.26
TP-PVC-407007A	3/4" PVC 90 ELBOW SXFPT	\$0.34
TP-PVC-409007A	3/4" PVC 90 STREET SXS	\$0.79
TP-PVC-410007A	3/4" PVC 90 ELBOW SXMPT	\$0.60
TP-PVC-417007A	3/4" PVC 45 ELBOW SXS	\$0.60
TP-PVC-429007A	3/4" PVC COUPLING SXS	\$0.22
TP-PVC-435007A	3/4" PVC SXFPT ADAPTER	\$0.34
TP-PVC-436007A	3/4" PVC SXMPT ADAPTER	\$0.24
TP-PVC-447007A	3/4" PVC SLIP CAP	\$0.24
TP-PVC-448007A	3/4" PVC FPT CAP	\$0.53
450-007	3/4" PVC THREADED PLUG	\$0.49

• SOLD EA.

PVC2X10-40	PVC PIPE 2" X 10' SCH-40	\$10.09
PVC2-1/2X10-40	PVC PIPE 2-1/2" X 10' SCH-40	\$21.64
PVC3X10-40	PVC PIPE 3" X 10' SCH-40	\$20.70
05872	PVC 90 ELBOW 2"	\$5.06
406-025	PVC 90 ELBOW 2 1/2"	\$3.53
05873	PVC 90 ELBOW 3"	\$6.96
417-020	PVC 45 ELBOW 2"	\$1.35
417-025	PVC 45 ELBOW 2 1/2"	\$3.35
417-030	PVC 45 ELBOW 3"	\$5.49
429-020	PVC COUPLING 2"	\$0.69
429-025	PVC COUPLING 2 1/2"	\$1.53
429-030	PVC COUPLING 3"	\$2.40
437-292	PVC 2-1/2" X 2" REDUCER	\$1.39
437-338	PVC 3" X 2" BUSHING	\$2.05

## TRAPS



488-007	3/4" PVC R-TRAP	\$0.75
489-007	3/4" PVC P-TRAP	\$0.75

## CONDENSATE PUMPS



- 1/2 Gal collection tank
- Fully automatic
- 3/8" O.D. barbed discharge adapter w/ built in check valve
- 140F max temp
- Includes safety switch

VCMA15ULS	15 FT LIFT CONDST PUMP W/ SWCh 115V	\$35.46
VCMA20ULS	20 FT LIFT CONDST PUMP W/ SWCh 115V	\$38.28
VCMA20ULS230	20 FT LIFT CONDST PUMP W/ SWCh 230V	\$38.28



- 1/30 HP high performance motor
- Oil resistant tank & check valve
- 1/4 turn check valve allows servicing w/o removal of tubing
- External test/run lever
- Rubber feet
- Safety switch included
- 140F max temp
- 2 yr warranty

VCMX20ULS	20 FT LIFT NXTGEN CONDST PUMP W/ SWCh	\$41.35
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- IQP-120**
- Floatless sensor
  - Self-adjusting speed
  - Self-cleaning
  - Clear bottom
  - LED indicator lights
  - 22' of lift



- IQP-KUBE-CLEARVUE**
- Designed for Ductless Systems
  - Quiet and compact: No clog technology
- IQP-KUBE-SHROUD**
- Designed for Ductless Systems
  - Quiet and compact: No clog technology
  - Includes Shroud Kit

CP-22T	CONDENSATE PUMP - 115V	\$39.77
IQP-120	CLEARVUE PUMP - 120V	\$52.81



- TT-CP-20-230T/ TT-CP-20T**
- Low profile
  - 1/3 Gal capacity
  - 20' lift

TT-CP-20-230T	CONDENSATE PUMP - 230V	\$46.22
TT-CP-20T	CONDENSATE PUMP - 115V	\$49.22

INSTALLATION SUPPLIES



## CONDENSATE SWITCHES & SENSORS



### AG-1200

- Metal or plastic pans
- Drill-Free Installation
- Float Test knob
- Normally open 3rd wire



AG-1200 UNIV FLT SWTCH FOR SECONDARY DRAIN PANS \$10.01



### AG-1250E

- Metal or plastic pans
- Normally open or normally closed
- Normally open 4th wire

AG-1250E MULTIPURPOSE ELEC CONDSATE SENSOR FOR SECONDARY DRAIN PANS \$16.16



### AG-3125E

- Mounted directly in the auxiliary drain of the primary pan
- High amperage, solid state sensor
- No moving parts

AG-3125E PRIMARY PAN SENSOR W/ TIME DELAY \$17.27



### AG-3150E

- Includes secondary drain pan sensor for metal or plastic pans
- Can be normally open or normally closed
- Normally open 4th wire

AG-3150E ELEC CONDENSATE SENSOR w/ TIME DELAY FOR PRIMARY DRAIN PANS \$20.91



### AG-4200

- Use with Goliath pans
- Includes 3/4" PVC male pipe adapter and 14 vibration isolators

AG-4200 CONDENSATE MANAGEMENT SYSTEM \$14.21



### WS-1

- Prevents flooding of home
- Turns system off if moisture is detected
- LED lights show power and system status
- Includes wire connectors and system labels

WS-1 WET SWITCH \$45.83

## SAFETY SWITCHES



### TP-SS1

- Inline, low voltage condensate overflow shutoff switch
- Installs vertically or horizontally in primary drain or can be plugged on auxiliary pans
- Pre-wired with 4-foot, 18 AWG wires)

TP-SS1 INLINE SAFE-T-SWITCH \$15.31



### TP-SS2

- Smaller, L-Shaped switch installs on auxiliary pan outlets and requires no plug
- Installs easily in tight spaces and catches clogs in primary pan outlet nipples
- Pre-wired with 4-foot 8 AWG wires

TP-SS2 90 DEG SECONDARY SAFETY SWITCH \$13.27



### TP-SS3

- For installation on safety drain pans
- Features a special metal clip, designed for quick secure installation on pan rims

TP-SS3 AUXILIARY DRAIN PAN SAFETY SWITCH \$8.17

## TRAP KITS



### EZT-210

- Suitable for many applications, the SmartTrap line offers the most comprehensive range of transparent condensate traps with float switch overflow protection
- Can be used for most applications requiring an automatic shut down
- Includes a standard clear u-bend for inspection and access ports for easy cleaning

EZT-210 STANDARD 3/4" SWCh CROSS EZ TRAP KIT \$32.58



### EZT-113B

- The ClearTrap line offers the most comprehensive range of transparent condensate traps available in a variety of styles for many applications
- This thinner walled trap can be used for light duty applications

EZT-113B 3/4 " ECONOMY EZ TRAP KIT \$11.79

## CONDENSATE CLEANOUT



- Install and never cut a line again
- Automatically blocks flow in opposite direction of cleanout
- Uses Wet/Vac to vacuum out line
- Installs vertical or horizontal

TP-AA1 ALL-ACCESS CONDENSATE CLEANOUT DEVICE \$17.67

INSTALLATION SUPPLIES

## CONCENTRIC VENT KITS



- Easier 2 pipe installation for high efficiency furnaces
- Requires just 1 hole through wall or roof
- Reduces time and money by reducing amount of work

CVENT-2	2" CONCENTRIC VENT KIT	\$33.99
CVENT-3	3" CONCENTRIC VENT KIT	\$42.50

## TERMINATION KITS



- Low profile kit hides vent from view in hi-efficiency applications

HVENT-2	2" HORIZONTAL TERMINATION KIT	\$24.96
HVENT-3	3" HORIZONTAL TERMINATION KIT	\$26.00

## GRILLES, REGISTERS & DIFFUSERS



- 16**
- All steel construction
  - Step-down diffuser rings deflect air 360 degrees

16W8	8 WHITE ROUND DIFFUSER	\$8.72
16W6	6 WHITE ROUND DIFFUSER	\$7.69



- 12**
- Use with #16 Diffuser
  - All steel construction
  - Removable knob operator for adjustment from closed to fully opened

12GS6	6 BROWN BUTTERFLY DAMPER	\$12.14
12GS8	8 BROWN BUTTERFLY DAMPER	\$12.32



- 380**
- Use with 5400/6400 series collars on T bar Diffusers
  - Use with FPD T bar Diffusers
  - Includes removable handle for adjustment

3806GS	6 BROWN BUTTERFLY DAMPER	\$11.31
3808GS	8 BROWN BUTTERFLY DAMPER	\$11.31



- 421**
- All steel construction
  - Multi-angle fin setting
  - Rolled fin for strength and safety
  - Welded construction
  - heavy gauge stamped face
  - Foot operated dial control

421MGS2X10	2X10 BROWN STEEL FLOOR REGISTER	\$2.55
421MGS4X10	4X10 BROWN STEEL FLOOR REGISTER	\$1.78
421MGS4X12	4X12 BROWN STEEL FLOOR REGISTER	\$2.31
421GS6X12	6X12 BROWN STEEL FLOOR REGISTER	\$4.12
421MW4X10	4X10 WHITE FLOOR STEEL REGISTER	\$1.78

## GRILLES, REGISTERS & DIFFUSERS (CONT'D)



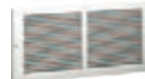
- 420**
- All steel construction
  - Multi-angle fin setting
  - heavy gauge stamped face

420GS10X2	10X2 BROWN STEEL TOE KICK	\$2.90
420GS12X2	12X2 BROWN STEEL TOE KICK	\$2.98
420W12X2	12X2 WHITE STEEL TOE KICK	\$4.96



- 406**
- All steel construction
  - blankets wall or window area
  - 4.5" height

406W18	18" WHITE STEEL BASEBOARD DIFFUSER	\$10.48
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- 650**
- All steel construction
  - 1/3" fin spacing at 20 degrees
  - 5/16" margin turnback

650W10X10	10X10 WHITE RETURN AIR GRILLE	\$5.85
650W10X6	10X6 WHITE RETURN AIR GRILLE	\$3.41
650W12X10	12X10 WHITE RETURN AIR GRILLE	\$5.20
650W12X12	12X12 WHITE RETURN AIR GRILLE	\$3.61
650W12X6	12X6 WHITE RETURN AIR GRILLE	\$3.23
650W14X14	14X14 WHITE RETURN AIR GRILLE	\$4.75
650W14X8	14X8 WHITE RETURN AIR GRILLE	\$2.71
650W16X16	16X16 WHITE RETURN AIR GRILLE	\$6.43
650W16X20	16X20 WHITE RETURN AIR GRILLE	\$9.86
650W18X18	18X18 WHITE RETURN AIR GRILLE	\$8.50



- 659**
- All steel construction
  - 1/3" fin spacing at 20 degrees
  - Conceals filter
  - Accepts 1" thick filter
  - Adjustable filter retainers

659W12X12	12X12 WHITE RETURN FILTER GRILLE	\$7.79
659W14X14	14X14 WHITE RETURN FILTER GRILLE	\$9.40
659W14X20	14X20 WHITE RETURN FILTER GRILLE	\$25.32
659W16X16	16X16 WHITE RETURN FILTER GRILLE	\$13.03
659W20X20	20X20 WHITE RETURN FILTER GRILLE	\$16.29
659W20X25	20X25 WHITE RETURN FILTER GRILLE	\$33.41
659W24X24	24X24 WHITE RETURN FILTER GRILLE	\$25.62



- 672**
- All steel construction
  - 1/2" fin spacing at 40 degrees
  - 5/16" margin turnback

672W14X10	14X10 WHITE RETURN AIR GRILLE	\$5.87
672W14X20	14X20 WHITE RETURN AIR GRILLE	\$9.13
672W14X24	14X24 WHITE RETURN AIR GRILLE	\$9.59
672W16X10	16X10 WHITE RETURN AIR GRILLE	\$7.41
672W16X20	16X20 WHITE RETURN AIR GRILLE	\$11.52
672W18X12	18X12 WHITE RETURN AIR GRILLE	\$7.51
672W18X18	18X18 WHITE RETURN AIR GRILLE	\$5.59
672W20X25	20X25 WHITE RETURN AIR GRILLE	\$14.65
672W24X24	24X24 WHITE RETURN AIR GRILLE	\$14.79
672MW10X10	10X10 WHITE RETURN AIR GRILLE	\$2.85
672MW10X6	10X6 WHITE RETURN AIR GRILLE	\$1.76
672MW12X12	12X12 WHITE RETURN AIR GRILLE	\$2.52
672MW12X8	12X8 WHITE RETURN AIR GRILLE	\$2.15
672MW12X6	12X6 WHITE RETURN AIR GRILLE	\$1.88
672MW14X14	14X14 WHITE RETURN AIR GRILLE	\$3.46
672MW14X6	14X6 WHITE RETURN AIR GRILLE	\$1.99
672MW14X8	14X8 WHITE RETURN AIR GRILLE	\$2.42
672MW16X16	16X16 WHITE RETURN AIR GRILLE	\$5.58
672MW20X20	20X20 WHITE RETURN AIR GRILLE	\$8.55

INSTALLATION SUPPLIES





## GRILLES, REGISTERS & DIFFUSERS (CONT'D)



### 673 - Return Filter Grille

- All steel construction
- 1/2" fin spacing at 40 degrees
- Conceals filter
- Accepts 1" thick filter
- Adjustable filter retainers

673MW12X12	12X12 WHITE RETURN FILTER GRILLE	\$8.01
673MW14X14	14X14 WHITE RETURN FILTER GRILLE	\$8.88
673MW14X20	14X20 WHITE RETURN FILTER GRILLE	\$12.32
673MW16X20	16X20 WHITE RETURN FILTER GRILLE	\$15.93
673MW20X20	20X20 WHITE RETURN FILTER GRILLE	\$15.01
673MW20X25	20X25 WHITE RETURN FILTER GRILLE	\$20.16
673MW25X20	25X20 WHITE RETURN FILTER GRILLE	\$20.16
673W16X16	16X16 WHITE RETURN FILTER GRILLE	\$11.30



### 682

- All steel construction
- 1/2" fin spacing at 40 degrees
- Used for ceiling or sidewall installations
- 2 way deflection
- 1-5/8" depth when fully opened
- Interlocking louvers for positive shut-off

682MW10X4	10X4 WHITE 2 WAY SUPPLY REGISTER	\$2.36
682MW10X6	10X6 WHITE 2 WAY SUPPLY REGISTER	\$2.56
682MW12X4	12X4 WHITE 2 WAY SUPPLY REGISTER	\$2.78
682MW12X6	12X6 WHITE 2 WAY SUPPLY REGISTER	\$2.88
682MW12X8	12X8 WHITE 2 WAY SUPPLY REGISTER	\$3.93
682MW14X6	14X6 WHITE 2 WAY SUPPLY REGISTER	\$3.93
682MW14X8	14X8 WHITE 2 WAY SUPPLY REGISTER	\$6.23
682MW8X6	8X6 WHITE 2 WAY SUPPLY REGISTER	\$2.58
682W12X12	12X12 WHITE 2 WAY SUPPLY REGISTER	\$16.97



### FPD

- Steel construction
- high air volume delivery
- 360 degree air diffusion
- 2 Cone fixed core
- 2" tall fixed collar
- Uses 3800 butterfly damper
- 24x24

FPDW10	10 COLLAR T BAR 4 WAY DIFFUSER 2 CONE	\$29.26
FPDW12	12 COLLAR T BAR 4 WAY DIFFUSER 2 CONE	\$29.26
FPDW14	14 COLLAR T BAR 4 WAY DIFFUSER 2 CONE	\$29.26
FPDW6	6 COLLAR T BAR 4 WAY DIFFUSER 2 CONE	\$29.26
FPDW8	8 COLLAR T BAR 4 WAY DIFFUSER 2 CONE	\$29.26
FPD3W10	10 COLLAR T BAR 4 WAY DIFFUSER 3 CONE	\$29.26
FPD3W12	12 COLLAR T BAR 4 WAY DIFFUSER 3 CONE	\$29.26
FPD3W6	6 COLLAR T BAR 4 WAY DIFFUSER 3 CONE	\$29.26
FPD3W8	8 COLLAR T BAR 4 WAY DIFFUSER 3 CONE	\$29.26
FPD3R6W8	8 COLLAR R-6 INSULATED T BAR 4 WAY DIFFUSER 3 CONE	\$65.47



hVS	14 COLLAR 24x24 T BAR 4 WAY DIFFUSER 3 CONE R6 INSULATION	\$40.41
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### CBP

- Steel construction
- Removable, hinged perforated face allows for easy access to deflectors
- Individually adjustable pattern deflectors
- 2" high collar for easy flex connections
- Use 3800 series butterfly damper
- 24x24

CBPRW6	6 COLLAR T BAR PERFORATED FACE RETURN	\$41.11
CBPRW8	8 COLLAR T BAR PERFORATED FACE RETURN	\$41.11
CBPSW6	6 COLLAR T BAR PERFORATED FACE CURVED BLADE SUPPLY	\$42.60
CBPSW8	8 COLLAR T BAR PERFORATED FACE CURVED BLADE SUPPLY	\$42.60



### FBR

- 1" thick fiberglass back with foil vapor barrier
- back with preprinted template for spin collars 6"-18"

FBR	24X24 FLAT BACK WHITE PERFORATED RETURN DIFFUSER	\$22.14
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### SBP

- Steel construction
- Face mounted adjustable deflectors
- Removable perforated face
- hinged/latched face for easy access to deflector & damper

SBPW10	10 COLLAR 24X24 T BAR SHALLOW BACK PERFORATED FACE SUPPLY	\$32.09
SBPW12	12 COLLAR 24X24 T BAR SHALLOW BACK PERFORATED FACE SUPPLY	\$32.33
SBPW6	6 COLLAR 24X24 T BAR SHALLOW BACK PERFORATED FACE SUPPLY	\$31.13
SBPW8	8 COLLAR 24X24 T BAR SHALLOW BACK PERFORATED FACE SUPPLY	\$31.13



### REN

- Molded fiberglass back panel w/R4.2 insulation
- Accepts 6"-18" spin collar
- Seismic safety connections

RENPS	24X24 PERFORATED FACE SUPPLY W/ INSULATED BACK	\$24.65
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## DUCT LINER



DL-47-1/2X100X1	1" X 47 1/2" X 100' DUCT LINER	\$226.62
DL-47-1/2X100X1/2	1/2" X 47 1/2" X 100' DUCT LINER	\$188.89

## DUCT LINER PINS

BGB1000	1" DURODYNE	\$379.00
BGB12	1/2" DURODYNE	\$349.00

INSTALLATION SUPPLIES

## FLEX DUCT



### Thermaflex®

- Meets UL 181 and NFPA 90A-90b Fire codes
- Outer vapor barrier is a jacket of fiberglass scrim reinforced metallized film laminate
- Corrosion resistant steel wire helix
- Smooth liner allows for air velocities of 5000fpm
- Available boxed or bagged

FD-4X25-R42F	4"X25' FOIL FLX DUCT R4.2	\$18.96
FD-5X25-R42F	5"X25' FOIL FLX DUCT R4.2	\$20.49
FD-6X25-R42F	6"X25' FOIL FLX DUCT R4.2	\$22.37
FD-7X25-R42F	7"X25' FOIL FLX DUCT R4.2	\$24.69
FD-8X25-R42F	8"X25' FOIL FLX DUCT R4.2	\$27.27
FD-10X25-R42F	10"X25' FOIL FLX DUCT R4.2	\$34.52
FD-12X25-R42F	12"X25' FOIL FLX DUCT R4.2	\$42.78
FD-14X25-R42F	14"X25' FOIL FLX DUCT R4.2	\$49.84
FD-16X25-R42F	16"X25' FOIL FLX DUCT R4.2	\$60.14
FD-18X25-R42F	18"X25' FOIL FLX DUCT R4.2	\$72.79
FD-4X25-R6F	4"X25' FOIL FLX DUCT R6	\$21.81
FD-5X25-R6F	5"X25' FOIL FLX DUCT R6	\$24.49
FD-6X25-R6F	6"X25' FOIL FLX DUCT R6	\$27.25
FD-7X25-R6F	7"X25' FOIL FLX DUCT R6	\$29.71
FD-8X25-R6F	8"X25' FOIL FLX DUCT R6	\$32.68
FD-10X25-R6F	10"X25' FOIL FLX DUCT R6	\$40.67
FD-12X25-R6F	12"X25' FOIL FLX DUCT R6	\$49.20
FD-14X25-R6F	14"X25' FOIL FLX DUCT R6	\$49.20
FD-16X25-R6F	16"X25' FOIL FLX DUCT R6	\$68.29
FD-4X25-R8F	4"X25' FOIL FLX DUCT R8	\$27.66
FD-5X25-R8F	5"X25' FOIL FLX DUCT R8	\$29.40
FD-6X25-R8F	6"X25' FOIL FLX DUCT R8	\$32.10
FD-7X25-R8F	7"X25' FOIL FLX DUCT R8	\$35.41
FD-8X25-R8F	8"X25' FOIL FLX DUCT R8	\$38.21
FD-9X25-R8F	9"X25' FOIL FLX DUCT R8	\$42.12
FD-10X25-R8F	10"X25' FOIL FLX DUCT R8	\$47.10
FD-12X25-R8F	12"X25' FOIL FLX DUCT R8	\$57.42
FD-14X25-R8F	14"X25' FOIL FLX DUCT R8	\$65.32
FD-16X25-R8F	16"X25' FOIL FLX DUCT R8	\$78.69
FD-18X25-R8F	18"X25' FOIL FLX DUCT R8	\$92.37
FD-20X25-R8F	20"X25' FOIL FLX DUCT R8	\$108.40



### Thermaflex®

- Meets UL 181 and NFPA 90A-90b fire codes
- Outer vapor barrier is a jacket of durable black polyethylene
- Corrosion resistant steel wire helix
- Smooth liner allows for air velocities of 5000fpm
- Available boxed or bagged

FD-6X25-R42BV	6"X25' BLK FLX DUCT R4.2	\$20.43
FD-8X25-R42BV	8"X25' BLK FLX DUCT R4.2	\$24.67
FD-10X25-R42BV	10"X25' BLK FLX DUCT R4.2	\$31.55
FD-12X25-R42BV	12"X25' BLK FLX DUCT R4.2	\$40.02
FD-14X25-R42BV	14"X25' BLK FLX DUCT R4.2	\$46.82
FD-4X25-R6BV	4"X25' BLK FLX DUCT R6	\$19.29
FD-5X25-R6BV	5"X25' BLK FLX DUCT R6	\$23.03
FD-6X25-R6BV	6"X25' BLK FLX DUCT R6	\$25.88
FD-8X25-R6BV	8"X25' BLK FLX DUCT R6	\$30.86
FD-10X25-R6BV	10"X25' BLK FLX DUCT R6	\$38.69
FD-4X25-R8BV	4"X25' BLK FLX DUCT R8	\$25.51
FD-5X25-R8BV	5"X25' BLK FLX DUCT R8	\$27.02
FD-6X25-R8BV	6"X25' BLK FLX DUCT R8	\$29.50
FD-7X25-R8BV	7"X25' BLK FLX DUCT R8	\$32.48
FD-8X25-R8BV	8"X25' BLK FLEX DUCT R8	\$35.02
FD-10X25-R8BV	10"X25' BLK FLX DUCT R8	\$35.02
FD-12X25-R8BV	12"X25' BLK FLX DUCT R8	\$43.20
FD-14X25-R8BV	14"X25' BLK FLX DUCT R8	\$51.60
FD-16X25-R8BV	16X25' BLK FLX DUCT R8	\$73.23
FD-18X25-R8BV	18"X25' BLK FLX DUCT R8	\$83.71

INSTALLATION SUPPLIES

## DUCT WRAP



- Microlite xG product
- Formaldehyde free
- 2" stapling tab

DW-48X100X1-1/2F-75	1-1/2"X48"X100' 75 FSK DUCT WRAP R-4.2	\$96.00
DW-48X75X2F-75	2"X48"X75' 75 FSK DUCT WRAP R-6	\$79.69
DW-48X50X3F-75	3"X48"X50' 75 FSK DUCT WRAP R-8	\$80.60



### REFLECTIX®

- Easy to handle; non toxic / non carcinogenic
- Environmentally safe, lightweight, & clean
- Not affected by moisture or humidity
- Resists growth of fungi, mold, & mildew

DW-48X100-BW	48"X100' R-6 BUBBLE WRAP	\$101.03
DW-48X75-BW-R8	48"X75' R-8 BUBBLE WRAP	\$148.90

## FLEXIBLE DUCT CONNECTORS



- For residential applications
- Excelon fabric is nylon/polyester blend with a vinyl coating
- 100' roll
- Eliminates duct system noises, vibrations, and rattles

JBX100	JUNIOR EXCELON FLEXIBLE DUCT CONECTOR 28GA METAL 1-3/4" METAL - 3" FABRIC - 1-3/4" METAL	\$137.41
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- For applications with toxic fumes or general purpose
- Neoprene fabric is woven fiberglass with a neoprene coating
- 100' roll, 24ga metal
- Eliminates duct system noises, vibrations, and rattles

MFN444	METAL FAB NEOPRENE FLEXIBLE DUCT CONNECTOR 4" METAL - 4" FABRIC - 4" METAL	\$302.41
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## SHEET METAL DUCT & FITTINGS



**Round Pipe**



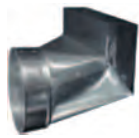
SWPSL60426	4"X60" 26GA RND PIPE	\$5.46
SWPSL60526	5"X60" 26GA RND PIPE	\$6.65
SWPSL60726	6"X60" 26GA RND PIPE	\$9.57
SWPSL70826	7"X60" 26GA RND PIPE	\$10.61
SWPSL80926	8"X60" 26GA RND PIPE	\$11.97
SWPSL601226	9"X60" 26GA RND PIPE	\$15.60
SWPSL601026	10"X60" 26GA RND PIPE	\$12.53
SWPSL601228	12"X60" 26GA RND PIPE	\$13.13



**Straight Boots**



SWP27R2126	2-1/4"X12"X6" STRT BOOT	\$2.90
SWP27R2127	2-1/4"X12"X7" STRT BOOT	\$4.57
SWP27R486	4"X8"X6" STRT BOOT	\$4.28
SWP27R4104	4"X10"X4" STRT BOOT	\$2.90
SWP27R4105	4"X10"X5" STRT BOOT	\$2.73
SWP27R4106	4"X10"X6" STRT BOOT	\$2.18
SWP27R4107	4"X10"X7" STRT BOOT	\$2.95
SWP27R4108	4"X10"X8" STRT BOOT	\$4.62
SWP27R4126	4"X12"X6" STRT BOOT	\$2.18
SWP27R4127	4"X12"X7" STRT BOOT	\$2.80
SWP27R4128	4"X12"X8" STRT BOOT	\$3.10
SWP27R4148	4"X14"X8" STRT BOOT	\$4.09
SWP27R6106	6"X10"X6" STRT BOOT	\$2.95
SWP27R6107	6"X10"X7" STRT BOOT	\$2.95
SWP27R6126	6"X12"X6" STRT BOOT	\$3.80
SWP27R6127	6"X12"X7" STRT BOOT	\$3.80
SWP27R6148	6"X14"X8" STRT BOOT	\$3.90
SWP27R8148	8"X14"X8" STRT BOOT	\$13.90



**90 Boots**



SWP24R2105	2-1/4"X10"X5" 90 BOOT	\$4.43
SWP24R2106	2-1/4"X10"X6" 90 BOOT	\$4.13
SWP24R4104	4"X10"X4" 90 BOOT	\$3.05
SWP24R4105	4"X10"X5" 90 BOOT	\$2.18
SWP24R4106	4"X10"X6" 90 BOOT	\$2.18
SWP24R4107	4"X10"X7" 90 BOOT	\$2.95
SWP24R4108	4"X10"X8" 90 BOOT	\$4.62
SWP24R4125	4"X12"X5" 90 BOOT	\$4.62
SWP24R4126	4"X12"X6" 90 BOOT	\$2.18
SWP24R4127	4"X12"X7" 90 BOOT	\$2.80
SWP24R4128	4"X12"X8" 90 BOOT	\$3.10
SWP24R4148	4"X14"X8" 90 BOOT	\$4.28
SWP24R6106	6"X10"X6" 90 BOOT	\$2.95
SWP24R6107	6"X10"X7" 90 BOOT	\$3.90
SWP24R6126	6"X12"X6" 90 BOOT	\$4.04
SWP24R6127	6"X12"X7" 90 BOOT	\$4.04
SWP24R6128	6"X12"X8" 90 BOOT	\$4.04
SWP24R6148	6"X14"X8" 90 BOOT	\$4.04



**End Boots**



SWP28R2106	2"X10"X6" END BOOT	\$4.28
SWP28R4104	4"X10"X4" END BOOT	\$2.95
SWP28R4105	4"X10"X5" END BOOT	\$2.44
SWP28R4106	4"X10"X6" END BOOT	\$2.44
SWP28R4107	4"X10"X7" END BOOT	\$2.95
SWP28R126	4"X12"X6" END BOOT	\$2.73
SWP28RL4126	4"X12"X6" END BOOT, LEFT OFFSET	\$4.62
SWP28RR4126	4"X12"X6" END BOOT, RIGHT OFFSET	\$4.62
SWP28R4127	4"X12"X7" END BOOT	#3.00
SWP28RL4127	4"X12"X7" END BOOT, LEFT OFFSET	\$4.62
SWP28RR4127	4"X12"X7" END BOOT, RIGHT OFFSET	\$4.62
SWP28R6106	6"X10"X6" END BOOT	\$2.95
SWP28R6107	6"X10"X7" END BOOT	\$2.95
SWP28R6126	6"X12"X6" END BOOT	\$4.77
SWP28R6128	6"X12"X8" END BOOT	\$4.77
SWP28R6148	6"X14"X8" END BOOT	\$4.77



**Tees**



SWP1060264	4" 26GA TEE	\$12.53
SWP1060265	5" 26GA TEE	\$12.82
SWP1060266	6" 26GA TEE	\$13.59
SWP1060268	8" 26GA TEE	\$17.56
SWP10602610	10" 26GA TEE	\$20.10
SWP10602612	12" 26GA TEE	\$20.26

**INSTALLATION SUPPLIES**



## SHEET METAL DUCT & FITTINGS (CONT'D)

INSTALLATION SUPPLIES



**90 Elbows**

SWPST90330	3" 30GA 90 ELL	\$1.45
SWPST90430	4" 30GA 90 ELL	\$ 1.45
SWPST90530	5" 30GA 90 ELL	\$1.53
SWPST90630	6" 30GA 90 ELL	\$1.53
SWPST90730	7" 30GA 90 ELL	\$2.05
SWPST90830	8" 30GA 90 ELL	\$ 2.30
SWP90330	9" 30GA 90 ELL	\$3.65
SWPST91030	10" 30GA 90 ELL	\$3.92
SWPST91230	12" 30GA 90 ELL	\$5.71
SWP90326	3" 26GA 90 ELL	\$2.47
SWPST90426	4" 26GA 90 ELL	\$2.52
SWPST90526	5" 26GA 90 ELL	\$2.66
SWPST90626	6" 26GA 90 ELL	\$2.59
SWPST90726	7" 26GA 90 ELL	\$3.07
SWPST90826	8" 26GA 90 ELL	\$3.63
SWPST90926	9" 26GA 90 ELL	\$5.12
SWPST901026	10" 26GA 90 ELL	\$5.25
SWPST901226	12" 26GA 90 ELL	\$6.92



**Top Takeoffs**

SWP635	5" SQ TOP TAKEOFF 1" RISE	\$5.25
SWP636	6" SQ TOP TAKEOFF 1" RISE	\$5.25
SWP627	7" SQ TOP TAKEOFF 1" RISE	\$8.47
SWP62FG6	6" SQ DB TOP TAKEOFF 1" RISE	\$8.66
SWP62FG7	7" SQ DB TOP TAKEOFF 1" RISE	\$9.31



**Adhesive Top Take-Offs**

SWPAT624	4" ADH SQ TOP TAKEOFF 1" RISE	\$7.60
SWPAT625	5" ADH SQ TOP TAKEOFF 1" RISE	\$7.60
SWPAT626	6" ADH SQ TOP TAKEOFF 1" RISE	\$7.60
SWPAT627	7" ADH SQ TOP TAKEOFF 1" RISE	\$10.13
SWPAT628	8" ADH SQ TOP TAKEOFF 1" RISE	\$10.91
SWPAT62WD5	5" ADH SQ TOP TAKEOFF 1" RISE W/DMPR	\$9.28
SWPAT62WD8	8" ADH SQ TOP TAKEOFF 1" RISE W/DMPR	\$11.22



**Adhesive Take-Offs**

SWPATT4	4" ADH TAKEOFF	\$4.18
SWPATT5	5" ADH TAKEOFF	\$4.18
SWPATT6	6" ADH TAKEOFF	\$4.18
SWPATT7	7" ADH TAKEOFF	\$4.43
SWPATT8	8" ADH TAKEOFF	\$4.93
SWPATT9	9" ADH TAKEOFF	\$5.87
SWPATT10	10" ADH TAKEOFF	\$6.63
SWPATT12	12" ADH TAKEOFF	\$7.96
SWPATD4	4" ADH TAKEOFF W/ DMPR	\$6.36
SWPATD5	5" ADH TAKEOFF W/ DMPR	\$6.36
SWPATD6	6" ADH TAKEOFF W/ DMPR	\$6.36
SWPATD7	7" ADH TAKEOFF W/ DMPR	\$7.01
SWPATD8	8" ADH TAKEOFF W/ DMPR	\$7.21
SWPATD9	9" ADH TAKEOFF W/ DMPR	\$9.48
SWPATD10	10" ADH TAKEOFF W/ DMPR	\$9.07
SWPATD12	12" ADH TAKEOFF W/ DMPR	\$13.50



**Reducers**

• Reducers are not crimped

SWP5843	4"X3" REDUCER	\$3.63
SWP5853	5"X3" REDUCER	\$3.63
SWP5854	5"X4" REDUCER	\$3.63
SWP5863	6"X3" REDUCER	\$3.63
SWP5864	6"X4" REDUCER	\$3.63
SWP5865	6"X5" REDUCER	\$3.63
SWP5875	7"X5" REDUCER	\$3.90
SWP5876	7"X6" REDUCER	\$3.90
SWP5884	8"X4" REDUCER	\$3.90
SWP5885	8"X5" REDUCER	\$3.90
SWP5886	8"X6" REDUCER	\$3.90
SWP5887	8"X7" REDUCER	\$3.90
SWP58106	10"X6" REDUCER	\$5.20
SWP58107	10"X7" REDUCER	\$5.20
SWP58108	10"X8" REDUCER	\$4.88
SWP58109	10"X9" REDUCER	\$5.20
SWP58128	12"X8" REDUCER	\$6.12
SWP581210	12"X10" REDUCER	\$6.12



**Ductboard Collars**

SWP84STWD6	6" RND DUCTBOARD COLL W/DMPR	\$4.45
SWP84STWD7	7" RND DUCTBOARD COLL W/DMPR	\$5.00
SWP84STWD8	8" RND DUCTBOARD COLL W/DMPR	\$6.04



**Long Start Collars**

SWP97LS4	4" LONG STRT COLL	\$ .73
SWP97LS5	5" LONG STRT COLL	\$ .73
SWP97LS6	6" LONG STRT COLL	\$ .73
SWP97LS7	7" LONG STRT COLL	\$ .94
SWP97LS8	8" LONG STRT COLL	\$1.02
SWP97LS9	9" LONG STRT COLL	\$1.52
SWP97LS10	10" LONG STRT COLL	\$1.53
SWP97LS12	12" LONG STRT COLL	\$2.17
SWP97LSWD6	6" LONG STRT COLL W/DMPR	\$2.56
SWP97LSWD8	8" LONG STRT COLL W/DMPR	\$2.90





## SHEET METAL DUCT & FITTINGS (CONT'D)



### Ductboard Start Collars

• Long tabs for thicker duct board  
**Ductboard**

SWP84ST4	4" DUCT BOARD START COLL	\$1.94
SWP84ST5	5" DUCT BOARD START COLL	\$1.94
SWP84ST6	6" DUCT BOARD START COLL	\$1.94
SWP84ST7	7" DUCT BOARD START COLL	\$2.56
SWP84ST8	8" DUCT BOARD START COLL	\$2.64
SWP84ST9	9" DUCT BOARD START COLL	\$3.77
SWP84ST10	10" DUCT BOARD START COLL	\$3.92
SWP84ST12	2" DUCT BOARD START COLL	\$4.83
SWP84ST24	4" DUCT BOARD START COLL	\$1.94
SWP84ST25	5" DUCT BOARD START COLL	\$1.94
SWP84ST26	6" DUCT BOARD START COLL	\$1.94
SWP84ST27	7" DUCT BOARD START COLL	\$2.56
SWP84ST28	8" DUCT BOARD START COLL	\$2.64
SWP84ST210	10" DUCT BOARD START COLL	\$3.92
SWP84ST212	12" DUCT BOARD START COLL	\$4.83
SWP84STWD6	6" DUCTBOARD START COLL W/DMPR	\$4.45
SWP84STWD7	7" DUCTBOARD START COLL W/DMPR	\$5.00
SWP84STWD8	8" DUCTBOARD START COLL W/DMPR	\$6.04



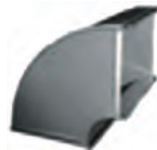
### End Caps

• Caps are not crimped

SWP554NC	4" RND END CAP	\$3.87
SWP555NC	5" RND END CAP	\$4.18
SWP556NC	6" RND END CAP	\$4.47
SWP557NC	7" RND END CAP	\$5.00
SWP558NC	8" RND END CAP	\$5.10
SWP559NC	9" RND END CAP	\$5.92
SWP5510NC	10" RND END CAP	\$6.29
SWP5512NC	12" RND END CAP	\$6.63
SWP554	4" RND END CAP	\$3.87
SWP556	6" RND END CAP	\$4.47
SWP558	8" RND END CAP	\$5.10
SWP5510	10" RND END CAP	\$6.29



SWP122SC4	4" DUCTBOARD TABLOC COLL	\$ .89
SWP122SC5	5" DUCTBOARD TABLOC COLL	\$ .95
SWP122SC6	6" DUCTBOARD TABLOC COLL	\$ .90
SWP122SC7	7" DUCTBOARD TABLOC COLL	\$ .93
SWP122SC8	8" DUCTBOARD TABLOC COLL	\$1.21
SWP122SC9	9" DUCTBOARD TABLOC COLL	\$1.72
SWP122SC10	10" DUCTBOARD TABLOC COLL	\$1.52
SWP122SC12	12" DUCTBOARD TABLOC COLL	\$1.79



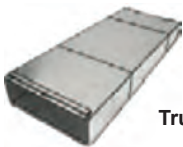
### Vertical Trunk Elbow

SWP1688	8"X8" VERTICAL TRUNK 90	\$16.62
SWP16108	8"X10" VERTICAL TRUNK 90	\$17.24
SWP16128	8"X12" VERTICAL TRUNK 90	\$18.26
SWP16188	8"X18" VERTICAL TRUNK 90	\$22.83



### Horizontal Trunk Elbow

SWP14108	8"X10" HORIZONTAL TRUNK 90	\$18.60
SWP14188	8"X18" HORIZONTAL TRUNK 90	\$28.13
SWP14208	8"X20" HORIZONTAL TRUNK 90	\$30.30
SWP14248	8"X24" HORIZONTAL TRUNK 90	\$T38.91



### Trunk Duct

SWPTD601414	14"X14"X60" 26GA TRUNK DUCT	\$53.96
SWPTD601610	16"X16"X60" 26GA TRUNK DUCT	\$28.01
SWPTD60188	18"X18"X60" 26GA TRUNK DUCT	\$24.11
SWPTD601810	18"X18"X60" 26GA TRUNK DUCT	\$29.43
SWPTD60208	20"X8"X60" 26GA TRUNK DUCT	\$25.15
SWPTD602010	20"X10"X60" 26GA TRUNK DUCT	\$30.71
SWPTD60228	22"X8"X60" 26GA TRUNK DUCT	\$31.58
SWPTD60248	24"X8"X60" 26GA TRUNK DUCT	\$29.28
SWPTD6088	8"X8"X60" 28GA TRUNK DUCT	\$14.73
SWPTD48108	10"X10"X48" 28GA TRUNK DUCT	\$14.49
SWPTD60108	10"X8"X60" 28GA TRUNK DUCT	\$15.84
SWPTD601010	10"X10"X60" 28GA TRUNK DUCT	\$19.74
SWPTD60128	12"X8"X60" 28GA TRUNK DUCT	\$16.97
SWPTD48148	14"X8"X48" 28GA TRUNK DUCT	\$17.89
SWPTD60148	14"X8"X60" 28GA TRUNK DUCT	\$19.61
SWPTD601410	14"X10"X60" 28GA TRUNK DUCT	\$24.98
SWPTD60168	16"X8"X60" 28GA TRUNK DUCT	\$22.97



### Trunk Caps

SWP2188	8"X8" TRUNK CAP	\$4.19
SWP21108	8"X10" TRUNK CAP	\$4.40
SWP21128	8"X12" TRUNK CAP	\$4.40
SWP21148	8"X14" TRUNK CAP	\$4.65
SWP21168	8"X16" TRUNK CAP	\$4.84
SWP21188	8"X18" TRUNK CAP	\$5.30
SWP21208	8"X20" TRUNK CAP	\$5.30
SWP21228	8"X22" TRUNK CAP	\$6.05
SWP21248	8"X24" TRUNK CAP	\$6.45



### Duct Adapters

SWP352	2"X8" DUCT ADAPTER	\$5.08
SWP354	4"X8" DUCT ADAPTER	\$5.39
SWP356	6"X8" DUCT ADAPTER	\$5.73
SWP358	8"X8" DUCT ADAPTER	\$7.86



**INSTALLATION SUPPLIES**



## CABLE TIES



**TRADE PRO**



TP-CABLETIE11B	11 BLACK CABLE TIE 100PK	\$7.07
TP-CABLETIE14B	14-1/2 BLACK CABLE TIE 100PK	\$8.08
TP-CABLETIE24B	24 BLACK CABLE TIE 50PK	\$14.14
TP-36NSTRAP	36 NATURAL CABLE TIE 50PK	\$10.10
TP-48NSTRAP	48 NATURAL CABLE TIE 50PK	\$23.23



**DURO DYNE**

• Easily connect flex duct to outlets, pipe, or fittings

DN36N	36" NATURAL DYN-O-TIE	\$9.17
DN48N	48" NATURAL DYN-O-TIE	\$20.39



**DURO DYNE**

• UV Resistant

DNM08UV10M	8" BLACK MINI DYN-O-TIE 100 PACK	\$2.46
DNM11UV5M	11" BLACK MINI DYN-O-TIE 50 PACK	\$4.26

## STAINLESS STEEL BAND CLAMPS



**DURO DYNE**

• 5/16" slotted hex head screw  
• 1/2" wide  
• Screw flips up and away for a quick release

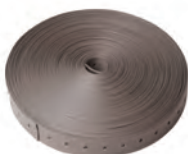
DT10WD	10" STAINLESS DYNA-CLAMP	\$1.66
DT12WD	12" STAINLESS DYNA-CLAMP	\$1.82
DT16WD	16" STAINLESS DYNA-CLAMP	\$2.38
DT7WD	7" STAINLESS DYNA-CLAMP	\$1.33

## DUCT STRAP



**TRADE PRO**

TP-WEBBINGSTRAP 710-A16100	1-3/4X100 YD BLK DUCT STRP, 6/BX GALV HANGING STRAP	\$6.06 \$11.56
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**DURO DYNE**

• 3/4in. x 100ft. Roll

NS300	1 3/4" X 300FT DUCT STRAP	\$10.81
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## SHARP-POINT SCREWS



**Malco**

HW10X3/4ZT	10 X 3/4" ZIP-IN SCREW 1,000/PACK	\$42.35
HW7X1/2ZT	7 X 3/4" ZIP-IN SCREW 1,000/PACK	\$22.44
HW8X1/2ZP	8 X 1/2" ZIP-IN SCREW 7,000/PACK	\$119.99
HW8X1/2ZT	8 X 1/2" ZIP-IN SCREW 1,000/PACK	\$24.14
HW8X2ZWT	8 X 2" WHITE ZIP-IN SCREW 250/PACK	\$24.48
HW8X3/4ZT	8 X 3/4" ZIP-IN SCREW 1,000/PACK	\$31.37

**TopTech**  
comfort | excellence

TT-8x1/2TPM	8 x 1/2" TAPER POINT SCREWS 1,000 PER PACK	\$14.14
TT-8x2TP250	8 x 2" TAPER POINT SCREWS 250 PER PACK	\$10.10
TT-8x3/4TPM	8 x 3/4" TAPER POINT SCREWS 1,000 PER PACK	\$18.18



**DURO DYNE**

• 1/4" hex head  
• Extremely sharp point easily pierces metal upon contact

SAP8X1/2	8 X 1/2" SUPER SABER SCREW 5000CT BUCKET; #8 SCREW, 1/2" LONG	\$58.53
SAF8X1/2	8 X 1/2" SUPER SABER SCREW 500CT; #8 SCREW, 1/2" LONG	\$6.79
SAF8X3/4	8 X 3/4" SUPER SABER SCREW 500CT; #8 SCREW, 3/4" LONG	\$8.10
SAP8X3/4	8 X 3/4" SUPER SABER SCREW 5000CT BUCKET; #8 SCREW, 3/4" LONG	\$67.57
SAF10X3/4BH	10 X 3/4" SUPER SABER SCREW 500CT; #10 SCREW, 3/4" LONG, 5/16" HEX HEAD	\$20.50



**DURO DYNE**

• #8 screw, 2" long, 1/4" White hex head  
• Great for replacing screws on grilles and registers

SAP8X2W	8 X 2" WHITE SUPER SABER SCREW 100CT	\$125.04
SAF8X2W	8 X 2" WHITE SUPER SABER SCREW 500CT	\$38.70

## DRILL-POINT SCREWS



**TopTech**  
comfort | excellence

TT-8X1DP500	8 X 1" DRILL POINT SCREWS 500/ PACK	\$18.18
TT-8X3/4DP500	8 X 3/4" DRILL POINT SCREWS 500/PACK	\$11.11
TT-10X1/2DP500	10 X 1/2" DRILL POINT SCREWS 500/PACK	\$13.13
TT-10X3/4DP500	10 X 3/4" DRILL POINT SCREWS 500/PACK	\$13.13



**DURO DYNE**

• #8 screw, 1/4" hex head  
• high head design prevents screw from slipping out of bit even under heavy pressures at extreme angles  
• bit tip drills through heavy metals.

PPP8HHX3/4	8 X 3/4" HIGH HEAD PRO POINT SCREW 4000CT BUCKET	\$65.59
PPF8HHX3/4	8 X 3/4" HIGH HEAD PRO POINT SCREW 500CT	\$8.91
PPP10HHX3/4	10 X 3/4" HIGH HEAD PRO POINT SCREW 3000CT BUCKET; 5/16" HEX HEAD	\$59.61





## MISC. FASTENERS & CLAMPS



FS-500SSPG10	13/16" SHORT SLOT 14GA 10'	\$29.72
FS-200SSPG10	1-5/8" SHORT SLOT 12GA 10'	\$39.84
FS-7125-6	3/8" THREADED ROD 6'	\$6.72
<b>TOPTECH</b>		
TT-3/8HN	3/8" ZINC STAND HEX NUT	\$7.07
TT-3/8FLW	3/8" ZINC FLT WSHR	\$4.04
TT-HOSECLAMPS	30 PC ASSORT HOSE CLMP	\$13.13
TT-CK410TT-CH50	1/4"X1-1/4" HEX HEAD MASONRY SCREW	\$9.09
TT-3/8TC 3/8"-16	ROD COUP NUT	\$18.18
TT-AK1/4HW100	ANCHOR SCREW KIT - 5/8" HEX - 10 X 1" 100 PIECES PER PACK	\$6.06
<b>TRADEPRO</b>		
TP-HC38-50	3/8" HOSE CLAMP, JAR	\$11.70

## REFRIGERANT SAFETY CAPS



NG-R22 10PK	NO VENT REFRIG SAFETY CAP R-22; 10/PACK	\$49.91
NG-R22 2PK	NO VENT REFRIG SAFETY CAP R-22; 2/PACK	\$10.76
NP-R410 10PK	NO VENT REFRIG SAFETY CAP R-410A; 10/PACK	\$57.71
NP-R410-2PK	NO VENT REFRIG SAFETY CAP R-410A; 2/PACK	\$12.44
NV-MULTIKEY	NO VENT MULTI KEY FITS ALL CAPS	\$9.00

## TOWELS



### TP-TOWEL-ROLL

- White
- 20 towels
- Ultra strong



### TP-TOWEL-SHOPWHT

- White w/ pink stripe
- 3 1/2lbs per box



### TP-TOWEL-SURG

- Blue
- 5 lbs

TP-TOWEL-ROLL	TRADEPRO TOWEL ROLL	\$20.20
TP-TOWEL-SHOPWHT	TRADEPRO SHOP TOWELS	\$26.26
TP-TOWEL-SURG	TRADEPRO SURGICAL TOWELS	\$32.32

## PPE



• 50 count



GSF-LC	READY SIR FREDDIES LARGE SHOE / BOOT COVERS	\$10.03
GSF-XLC	READY SIR FREDDIES EXTRA LARGE SHOE / BOOT COVERS	\$10.03
CSBCAD-BXL	DARK BLUE COVERALS XL	\$6.00
CSBCADBXXL	DARK BLUE COVERALS XXL	\$6.00
CSBCAWPDBXL	HOODED COVERALS XL	\$4.04
CSBCAWPDBXXL	HOODED COVERALS XXL	\$4.04
DSB4110S	SAFETY GLASSES	\$3.00
DSB2S10S	SAFETY GLASSES	\$4.00

## GLOVES



• 100 count

GTT-LC	TEXAS T LARGE PROTECTIVE NITRILE GLOVES	\$10.03
GTT-XLC	TEXAS T EXTRA LARGE PROTECTIVE NITRILE GLOVES	\$10.03

## CHIP BRUSHES



TP-B2	2" CHIP BRSH, WOOD HANDLE	\$0.69
TP-B3	3" CHIP BRSH, WOOD HANDLE	\$1.01

## BATTERIES



7-AL9V	RAYOVAC 9V BATTERY	\$2.47
7-ALAA	RAYOVAC AA BATTERY	\$0.74
7-ALAAA	RAYOVAC AAA BATTERY	\$0.69

### BLOWER MOTORS



**TOTALINE**

- Simple plug for rotation control
- 1/2" Extended thru bolts shaft end
- 1/2" Diam shaft, 4" long w/ full flat
- 26" leads
- 1075 RPM, 3 speed

P257-8585	1/3HP DD, 115V, REQUIRES 5MFD CAP.	\$75.19
P257-8587	1/2HP DD, 115V, REQUIRES 5MFD CAP.	\$91.00
P257-8589	3/4HP DD, 115V, REQUIRES 15MFD CAP.	\$104.30
P257-8584	1/4HP DD, 208-230V, REQUIRES 5MFD CAP.	\$74.21
P257-8586	1/3HP DD, 208-230V, REQUIRES 5MFD CAP.	\$76.95
P257-8588	1/2HP DD, 208-230V, REQUIRES 5MFD CAP.	\$92.74
P257-8590	3/4HP DD, 208-230V, REQUIRES 10MFD CAP.	\$106.04



**TOTALINE**

**TotalSaver Motors...The Economical Choice!**

- 1/2" Diam shaft, 4-1/2" long
- 1075 RPM, 3 speed

T257-3587	1/2HP DD, 115V, REQUIRES 5MFD CAP.	\$58.88
T257-3589	3/4HP DD, 115V, REQUIRES 15MFD CAP.	\$65.58
T257-3584	1/4HP DD, 208-230V, REQUIRES 5MFD CAP.	\$44.32
T257-3586	1/3HP DD, 208-230V, REQUIRES 5MFD CAP.	\$45.99
T257-3588	1/2HP DD, 208-230V, REQUIRES 5MFD CAP.	\$56.05
T257-3590	3/4HP DD, 208-230V, REQUIRES 10MFD CAP.	\$67.51



**TOTALINE**

- 1/2" Diam shaft, 5" long
- 4 speed
- 10 or 20 MFD Capacitor

T257-3466	1/5HP - 3/4HP, 115V, 1075 RPM	\$67.51
T257-3467	1/5HP - 3/4HP, 208-230V, 1100 RPM	\$68.79



**TRADE PRO**

TP-E25-3SP1	1/4HP 115V 1075 RPM 3 SPD	\$56.19
TP-E33-3SP1	1/3HP 115V 1075 RPM 3 SPD	\$57.92
TP-E50-3SP1	1/2HP 115V 1075 RPM 3 SPD	\$70.52
TP-E75-3SP1	3/4HP 115V 1075 RPM 3 SPD	\$82.80
TP-E50-MHP1	1/2HP 115V 1075 RPM MULTI-HP	\$74.11
TP-E75-MHP1	3/4HP 115V 1075 RPM MULTI-HP	\$86.92
TP-E25-3SP2	1/4HP 230V 1075 RPM 3 SPD	\$57.18
TP-E33-3SP2	1/3HP 230V 1075 RPM 3 SPD	\$59.33
TP-E50-3SP2	1/2HP 230V 1075 RPM 3 SPD	\$72.32
TP-E75-3SP2	3/4HP 230V 1075 RPM 3 SPD	\$85.51
TP-E50-MHP2	1/2HP 230V 1075 RPM MULTI-HP	\$74.64
TP-E75-MHP2	3/4HP 230V 1075 RPM MULTI-HP	\$89.34



58MV660003	ECM MOTOR KIT	\$599.00
58MV660005	ECM MOTOR KIT	\$641.00
58MV660006	ECM MOTOR KIT	\$525.00

### CONDENSER MOTORS



**TOTALINE**

- Totally Enclosed
- Reversible
- 26" Leads
- 6" Shaft w/2 Full Flats
- 1075 RPM, 1 speed

P257-8728	1/4HP, REQUIRES 5MFD CAP.	\$62.71
P257-8729	1/3HP, REQUIRES 7.5MFD CAP.	\$66.92
P257-8730	1/2HP, REQUIRES 10MFD CAP.	\$77.59



**TOTALINE**

**TotalSaver Motors...The Economical Choice!**

- Totally enclosed
- 1/2" Diam shaft, 6-1/2" long
- 1075 RPM, 1 speed

T257-3727	1/6HP, REQUIRES 5MFD CAP.	\$43.08
T257-3728	1/4HP, REQUIRES 5MFD CAP.	\$43.79
T257-3729	1/3HP, REQUIRES 7.5MFD CAP.	\$53.84
T257-3730	1/2HP, REQUIRES 10MFD CAP.	\$57.49
T257-3731	3/4HP, REQUIRES 10MFD CAP.	\$72.77



**TRADE PRO**

**TOPTECH**

*(Simple plug to reverse rotation, 2 year warranty)*

TP-C50-1SP2	1/2HP 230V 1075 RPM 1 SPD	\$67.94
TP-C33-1SP2	1/3HP 230V 1075 RPM 1 SPD	\$62.25
TP-C25-1SP2	1/4HP 230V 1075 RPM 1 SPD	\$50.65
TP-C16-1SP2	1/6HP 230V 1075 RPM 1 SPD	\$49.96
TP-C75-1SP2	3/4HP 230V 1075 RPM 1 SPD	\$79.99
TP-C50-MHP2	1/2HP 230V 1075 RPM MULTI-HP	\$80.52
TP-C33-MHP2	1/3HP 230V 1075 RPM MULTI-HP (208/230V/1PH)	\$61.33
TP-C16-1SP2-8	1/6HP; 1.0 AMPS; 825 RPM/1 SP; 5/370MFD	\$61.33
TP-C25-1SP2-8	1/4HP; 2.0 AMPS; 825 RPM/1 SP; 5/370MFD	\$65.50
TP-C33-1SP2-8	1/3HP; 2.4 AMPS; 825 RPM/1 SP; 7.5/440MFD	\$73.82
TP-C33-MHP2-8	MULTI-HP; 1/3 - 1/5HP; 2.4 AMPS; 875 RPM; 7.5/440MFD	\$71.33

### BELLY BAND ADAPTER



**TOTALINE**

P251-0011	BELLY BAND ADAPTER KIT	\$35.01
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- Easy, 5 minute troubleshooting of ANY ECM blower motor on the market

**GE-A447 KGBSD0301FMS**

GE-A447	TECMATE PRO MOTOR TESTER	\$84.99
KGBSD0301FMS	ECM MOTOR SIMULATOR	\$121.00



## CAPACITORS



**TRADE PRO**

### SINGLE

TP-CAP-3/440	3 MFD 440V	\$1.99
TP-CAP-4/440	4 MFD 440V	\$2.05
TP-CAP-5/440	5 MFD 440V	\$2.08
TP-CAP-7.5/440	7.5 MFD 440V	\$2.19
TP-CAP-10/440	10 MFD 440V	\$2.41
TP-CAP-12.5/440	12.5 MFD 440V	\$3.10
TP-CAP-15/440	15 MFD 440V	\$3.11
TP-CAP-20/440	20 MFD 440V	\$3.51
TP-CAP-25/440	25 MFD 440V	\$4.35
TP-CAP-30/440	30 MFD 440V	\$4.55
TP-CAP-35/440	35 MFD 440V	\$4.92
TP-CAP-40/440	40 MFD 440V	\$5.41
TP-CAP-45/440	45 MFD 440V	\$5.97
TP-CAP-45/440R	45 MFD 440V ROUND	\$5.45
TP-CAP-50/440	50 MFD 440V	\$6.41
TP-CAP-55/440	55 MFD 440V	\$6.92
TP-CAP-55/440R	55 MFD 440V ROUND	\$6.51
TP-CAP-60/440	60 MFD 440V	\$7.26
TP-CAP-60/440R	60 MFD 440V ROUND	\$7.28
TP-CAP-70/440	70 MFD 440V	\$8.35
TP-CAP-80/440	80 MFD 440V	\$9.59

### DUAL RUN

TP-CAP-15/5/440R	15 & 5 MFD 440V ROUND	\$3.15
TP-CAP-20/5/440	20 & 5 MFD 440V	\$4.10
TP-CAP-20/5/440R	20 & 5 MFD 440V ROUND	\$4.00
TP-CAP-25/5/440	25 & 5 MFD 440V	\$4.68
TP-CAP-25/5/440R	25 & 5 MFD 440V ROUND	\$4.25
TP-CAP-25/7.5/440R	25 & 7.5 MFD 440V ROUND	\$4.49
TP-CAP-30/5/440	30 & 5 MFD 440V	\$5.10
TP-CAP-30/5/440R	30 & 5 MFD 440V ROUND	\$4.68
TP-CAP-30/7.5/440	30 & 7.5 MFD 440V	\$5.41
TP-CAP-35/5/440	35 & 5 MFD 440V	\$5.77
TP-CAP-35/5/440R	35 & 5 MFD 440V ROUND	\$5.11
TP-CAP-35/7.5/440	35 & 7.5 MFD 440V	\$5.81
TP-CAP-35/7.5/440R	35 & 7.5 MFD 440 VOLT ROUND	\$5.25
TP-CAP-40/5/440	40 & 5 MFD 440V	\$6.14
TP-CAP-40/5/440R	40 & 5 MFD 440 VOLT ROUND	\$5.51
TP-CAP-40/7.5/440	40 & 7.5 MFD 440V	\$6.41
TP-CAP-40/7.5/440R	40 & 7.5 MFD 440 VOLT ROUND	\$5.81
TP-CAP-45/5/440	45 & 5 MFD 440V	\$6.75
TP-CAP-45/5/440R	45 & 5 MFD 440 VOLT ROUND	\$5.94
TP-CAP-45/7.5/440	45 & 7.5 MFD 440V	\$7.05
TP-CAP-45/7.5/440R	45 & 7.5 MFD 440 VOLT ROUND	\$6.25
TP-CAP-50/5/440	50 & 5 MFD 440V	\$7.20
TP-CAP-50/5/440R	50 & 5 MFD 440 VOLT ROUND	\$6.45
TP-CAP-50/7.5/440	50 & 7.5 MFD 440V	\$7.49
TP-CAP-55/5/440	55 & 5 MFD 440V	\$7.58
TP-CAP-55/5/440R	55 & 5 MFD 440 VOLT ROUND	\$7.15
TP-CAP-55/7.5/440R	55 & 7.5 MFD 440 VOLT ROUND	\$7.58
TP-CAP-60/5/440R	60 & 5 MFD 440 VOLT ROUND	\$7.34
TP-CAP-60/7.5/440R	60 & 7.5 MFD 440 VOLT ROUND	\$7.73
TP-CAP-60/10/440	60 & 10 MFD 440v	\$8.92
TP-CAP-70/5/440R	70 & 5 MFD 440v Round	\$8.48
TP-CAP-80/5/440	80 & 5 MFD 440v	\$10.41
TP-CAP-80/5/440R	80 & 5 MFD 440 volt Round	\$9.54

## MULTI-VALUE CAPACITORS



TURBO200M TURBO200

**AM ARAD** Engineering, Inc.

TURBO 200M	2.5 - 12.5 MFD RND MULTI CAP	\$10.32
TURBO 200	2.5 - 67.5 MFD RND MULTI CAP	\$72.63

## RAIN SHIELDS

**TOTALINE**



### P251-0051

• Aluminum rainshield protects motor shaft bearing and windings from entrance of rain and snow. For use with vertically mounted condenser motor in shaft up position. OUTSIDE DIA.: 6.3"

P251-0051	RAINSHIELD	\$22.43
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### P251-0052

• Plastic rainshield protects motor shaft bearing and windings from entrance of rain and snow. For use with vertically mounted condenser motors in shaft up position. OUTSIDE DIA.: 7.3"

P251-0052	RAINSHIELD	\$9.61
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### P251-0056/ P251-0057

• Fined plastic rainshield provides additional motor cooling by drawing air through motor. Protects motor shaft bearing and windings from entrance of rain and snow. For use with vertically mounted condenser motors in shaft up position. OUTSIDE DIA.: 7.5"

P251-0056	RAINSHIELD	\$29.10
P251-0057	RAINSHIELD	\$19.42

### P251-0058

• Plastic slinger protects motor shaft bearing from rain. For use with vertically mounted condenser motors in shaft up position. Metal rainshield with rubber grommet to fit bearing hub protects motor windings only. bearing slinger P251-0059 is also required for shaft bearing protection. OUTSIDE DIA.: 3.5"

P251-0058	RAINSHIELD	\$3.40
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## SHAFT BUSHING

**TOTALINE**

P251-0067	STEEL SHAFT BUSHING	\$8.26
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## COMPRESSOR PLUG ASSEMBLY

**TOTALINE**

P298-001	COMPRESSOR PLUG ASSY	\$18.88
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**MOTORS, COMPRESSORS & ACCESSORIES**



**MOTOR MOUNTS**

**TOTALINE**

**P251-0073**

- Economical alternative to conventional mounts that require rubber grommets
- Fits 9" or 10" blowers
- Maximum Motor weight is 16 lbs.
- Used with 5-1/2" diameter direct drive blower motors

P251-0073 MOUNT \$36.17

**P251-0074**

- Stamped steel motor mounting kits for 42 and 48 frame direct drive blower motors. Kit contains belly band, mounting arms, rubber isolation grommets and 1/4-20 sleeved bolts and nuts for attaching mount to fan housing.

P251-0074 MOUNT PKG \$7.71

**P251-0015**

- Use when replacing motors which originally had welded on mounting ears. Mounting ears have 5/16" slots and 3/4" knockouts which are adaptable to a wide range of mounting dimensions.

P251-0015 ADJUSTABLE MOTOR MOUNT KIT \$15.31

**ADJUSTABLE MOTOR PULLEYS**



**TOTALINE**

- Quality cast iron key way
- Designed for long belt life
- Corrosion resistant

P461-3507 ADJUSTABLE MOTOR PULLEY \$44.24  
 P461-3706 ADJUSTABLE MOTOR PULLEY \$32.93

**BELTS**



**TOTALINE**

P463-AX26 \$4.11  
 P463-AX32 \$6.69  
 P463-AX33 \$7.70  
 P463-AX35 \$10.65  
 P463-AX36 \$7.72  
 P463-AX38 \$6.01  
 P463-AX39 \$6.04  
 P463-AX40 \$7.90  
 P463-AX44 \$8.34  
 P463-AX45 \$7.20  
 P463-AX47 \$8.27

**BELTS (CONT'D)**



**TOTALINE**

P463-AX48 \$8.30  
 P463-AX49 \$7.63  
 P463-AX50 \$7.93  
 P463-AX51 \$7.97  
 P463-AX52 \$8.09  
 P463-AX53 \$9.61  
 P463-AX54 \$10.38  
 P463-AX55 \$9.39  
 P463-AX56 \$9.83  
 P463-AX60 \$10.25  
 P463-BX38 \$9.31  
 P463-BX42 \$10.89  
 P463-BX43 \$11.11  
 P463-BX46 \$11.52  
 P463-BX48 \$14.34  
 P463-BX50 \$15.74  
 P463-BX56 \$12.56  
 P463-BX58 \$29.73  
 P463-BX59 \$20.45  
 P463-BX62 \$14.71  
 P463-BX65 \$14.44  
 P464-3VX710 \$15.08  
 P464-3VX750 \$15.40  
 P465-4L190 \$5.23  
 P465-4L200 \$5.23  
 P465-4L210 \$5.28  
 P465-4L220 \$4.90  
 P465-4L240 \$5.10  
 P465-4L260 \$5.96  
 P465-4L280 \$6.22  
 P465-4L290 \$6.37  
 P465-4L300 \$6.63  
 P465-4L320 \$6.63  
 P465-4L340 \$2.67

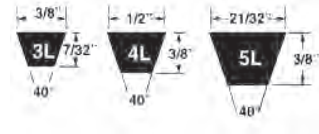
**CE CAN SERVICE ALL OF YOUR PREVENTATIVE MAINTENANCE NEEDS!**



## BELTS (CONT'D)

### FRACTIONAL H.P. V-BELTS

TOTALINE V-Belts are built for maximum tension control, drive uniformity and long life, with minimum heat built-up and stretching on low horsepower electric motors and gasoline engines. They are designed for high speed operation, and drive center distances as 40° short as pulleys will allow.



- P465-4L360
- P465-4L370
- P465-4L380
- P465-4L400
- P465-4L410
- P465-4L420
- P465-4L430

- \$7.20
- \$6.79
- \$6.07
- \$7.23
- \$7.41
- \$7.35
- \$7.20










- P465-4L440
- P465-4L460
- P465-4L470
- P465-4L480
- P465-4L500
- P465-4L510
- P465-4L520

- \$7.78
- \$8.04
- \$8.79
- \$8.30
- \$8.35
- \$8.89
- \$9.41



MOTORS, COMPRESSORS & ACCESSORIES

### DIGITAL METERS & ACCESSORIES

	<p><b>Fieldpiece</b> <b>SDP2</b></p> <ul style="list-style-type: none"> <li>• True RMS, 400 Amps AC, Temperature F/C, Capacitance</li> <li>• Non-contact voltage, 40 Mega Ohm with 0.01 resolution</li> <li>• Continuity, Diode Test, Max/Min/hold, LCD backlight</li> <li>• Low battery Indicator</li> </ul>		<p><b>Fieldpiece</b> <b>SDMN5</b></p> <ul style="list-style-type: none"> <li>• Measures gas pressure, static pressure, &amp; temperature differential</li> <li>• Resolution down to 0.1" WC for static pressure measurement</li> <li>• Range of -60" WC to 60" WC</li> <li>• Includes 2 5/16" adapters for measuring inlet and outlet pressures</li> </ul>
	<p><b>Fieldpiece</b> <b>HS36</b></p> <ul style="list-style-type: none"> <li>• Works with all accessory heads</li> <li>• Non-contact voltage</li> <li>• Microamps DC for flame diodes</li> <li>• 400 AAC with included clamp</li> <li>• Temperature up to 1000F</li> </ul>		<p><b>Fieldpiece</b> <b>SDMN6</b></p> <ul style="list-style-type: none"> <li>• Gas, static, and differential pressure</li> <li>• Test pressure switches</li> <li>• Easily calibrate any adjustable pressure switch</li> <li>• Great for diagnosing furnace performance</li> </ul>
	<p><b>Fieldpiece</b> <b>SC260</b></p> <ul style="list-style-type: none"> <li>• True RMS, 400 Amps AC, Temperature F/C, Capacitance</li> <li>• Non-contact voltage, 40 Mega Ohm with 0.01 resolution</li> <li>• Continuity, Diode Test, Max/Min/hold, LCD backlight</li> <li>• Low battery Indicator</li> </ul>		<p><b>Fieldpiece</b> <b>STA2</b></p> <ul style="list-style-type: none"> <li>• In-duct air balancing w/fast response time</li> <li>• Minimizes turbulence effect</li> <li>• hands free testing; 38" telescoping probe</li> <li>• Dual display shows combo of real time CFM, air velocity, or temp</li> </ul>
	<p><b>Fieldpiece</b> <b>SC440</b></p> <ul style="list-style-type: none"> <li>• Volts AC/DC, True RMS, Inrush current, Duty cycle %</li> <li>• 400 amps AC, Magnetic strap, Dual display</li> <li>• Temperature F/C, Capacitance, Microamps DC</li> <li>• Frequency via leads and clamp, Non-contact voltage,</li> <li>• 50 Mega Ohm with 0.1 resolution, Continuity, Diode test</li> <li>• hold, Clamp probe holder, LCD backlight, Low battery indicator</li> </ul>		<p><b>Fieldpiece</b> <b>SOX3</b></p> <ul style="list-style-type: none"> <li>• Measures flue temp &amp; %O2</li> <li>• Calculates %CO2, %EA, &amp; combustion efficiency</li> <li>• hands free testing w/magnet, R-cone, &amp; automatic pump</li> </ul>
	<p><b>Fieldpiece</b> <b>SC620</b></p> <ul style="list-style-type: none"> <li>• Volts AC/DC, Swivel clamp, Magnetic strap, Dual display</li> <li>• Temperature F/C, Capacitance, Duty cycle %, 400 amps AC</li> <li>• Microamps DC, Frequency via leads and clamp</li> <li>• Non-contact voltage, 50 Mega Ohm with 0.1 resolution</li> <li>• Continuity, Diode test, hold, Clamp probe holder</li> <li>• Low battery indicator</li> </ul>		<p><b>Fieldpiece</b> <b>SRL2K7</b></p> <ul style="list-style-type: none"> <li>• State of the art infrared sensor lasts up to 10 yrs</li> <li>• Sensitivity better than 0.1 oz/yr; Senses CFC, HFC, HCFC &amp; blends</li> <li>• Auto recalibration</li> <li>• Senses refrigerant level change</li> </ul>
	<p><b>Fieldpiece</b> <b>SC57</b></p> <ul style="list-style-type: none"> <li>• Live temperature split readings while working on the condenser</li> <li>• Accurate amps with the blower door firmly closed</li> <li>• Real-time vacuum readings from anywhere on the job site</li> <li>• Wireless Measurements for faster, more accurate readings</li> <li>• 180° Swivel head Clamp, Clamp Flashlight,</li> <li>• Bright blue backlight Display, Rugged Construction</li> <li>• Automatic Power Off, Non-Contact Voltage warning</li> <li>• Field Calibration, True RMS, Auto Ranging</li> <li>• Constant battery Status</li> </ul>		<p><b>Fieldpiece</b> <b>SVG3</b></p> <ul style="list-style-type: none"> <li>• Schrader depressor &amp; Tee Fitting</li> <li>• 0 – 9999 micron range</li> <li>• Alarms and Stopwatch</li> </ul>
	<p><b>Fieldpiece</b> <b>SDP2</b></p> <ul style="list-style-type: none"> <li>• Simultaneous in-duct supply &amp; return evaporator readings</li> <li>• Reacts instantly to changing conditions</li> <li>• Wireless communicates w/ hG3 &amp; SMAN4</li> <li>• Displays live temp split, target evap exit temp &amp; enthalpy change</li> <li>• Measures supply wet &amp; dry bulb &amp; return wet &amp; dry bulb at one time.</li> </ul>		<p><b>Fieldpiece</b> <b>ATC1</b></p> <ul style="list-style-type: none"> <li>• Use with any meter accepting K-type thermo-couple</li> <li>• Typical Stabilization time is less than 30 seconds</li> <li>• Jaw range of 3/8" to 1-3/8"</li> <li>• Temperature range: -50F to 257F</li> <li>• Accuracy: +/- 4F</li> </ul>





## DIGITAL METERS & ACCESSORIES (CONT'D)



**ADK7**  
 • Includes silicone leads and alligator leads plus RCT2 probe tips

ADK7 DELUXE TEST LEAD KIT \$29.60



**JL2 Transmitter**  
 Combined with the Job Link™ App, the JL2 Transmitter receives measurements from any Fieldpiece wireless manifold and the wireless dual in-duct psychrometer via radio frequency then converts all live measurements and data to Bluetooth connection with your mobile device.

JL2 JOB LINK WIRELESS TRANSMITTER \$199.84



### FLUKE

**179**  
 • True RMS  
 • Wide 1000V measurement range  
 • built-in thermometer  
 • Large backlit display  
 • Display hold and auto hold  
 • Limited Lifetime Warranty

179 DIGITAL MULTIMETER \$376.60



### FLUKE

**FLUKE-902**  
 • True RMS  
 • Digital backlit display  
 • Display hold button  
 • Small body and jaws  
 • 3 Year Warranty

FLUKE-902 HVAC CLAMP METER \$322.75



### FLUKE

**FLUKE-116**  
 • Built-in thermometer for HVAC apps  
 • Microamps to test flame sensors  
 • Resistance, continuity, frequency and capacitance  
 • Min/Max/Average with elapsed time to record signals  
 • CAT III 600 V safety rated

116 DIGITAL MULTIMETER \$158.75



### FLUKE

**FLUKE-325**  
 • Slim, ergonomic design  
 • Large, easy to read backlight display  
 • CAT IV 300V/CAT III 600 V safety rating  
 • Hold Button  
 • Two-year warranty  
 • Soft carrying case

325 TRUE RMS CLAMP METER \$338.70



### FLUKE

**FLUKE-A3000**  
 • True RMS  
 • Measure up to 400 A AC  
 • Use as a stand alone meter or as part of the system  
 • Logging function for recording and saving up to 65,000 readings  
 • Inrush function

A3000 FC WIRELESS AC CURRENT CLAMP MODULE \$190.51



### FLUKE

**FLUKE-V3000**  
 • Measure up to 1000 V True-RMS AC  
 • Use as a stand alone meter or as part of the system  
 • Logging function for recording and saving up to 65,000 readings

V3000 FC WIRELESS AC VOLTAGE MODULE \$190.58



### FLUKE

**FLUKE-62**  
 • Measure -30° to 500° for Fluke 62 MAX and  
 • -30° to 650° C for Fluke 62 MAX+

62 MAX INFRARED THERMOMETER 99.01



### FLUKE

**T5-600**  
 • Digital display  
 • 600V  
 • OpenJaw current measurement  
 • heavy duty test leads  
 • 2 Year warranty

T5-600 ELECTRICAL TESTER \$120.50



### FLUKE

**CO-220**  
 • Stand alone Co meter  
 • Large backlit LCD displays levels from 0 to 999ppm

CO-220 CARBON MONOXIDE DETECTOR \$430.36



**TT-LD**  
 • Heated semiconductor gas sensor  
 • Fast 45 sec warmup  
 • High-Low leak sensitivity selector (3 levels)  
 • 7 LED tri-colored visual leak level indicator  
 • Audible alarm  
 • Low battery indicator  
 • Uses 2 AA batteries included

TT-LD REFRIGERANT LEAK DETECTOR \$134.00  
 TT-LD-S REPLACEMENT SENSOR F/ TT-LD \$34.00



**2206-20**  
 • Includes: Meter, Test Lead set, Dual banana Thermocouple, batteries, manual  
 • Measures up to 200 amps  
 • Wide voltage range to 1000 volts AC / DC  
 • True-RMS for accurate measurements  
 • built-in Voltage Detector and LED work light  
 • 600uA DC for flame rectification

2206-20 FORK METER FOR HVAC/R \$130.29



**2237-20**  
 • Includes: Meter, Test Lead set, batteries, manual  
 • Measures up to 600 amps AC / DC  
 • Large 1.3" jaw opening, but thin jaw profile  
 • True-RMS for accurate measurement  
 • built-in Voltage Detector and LED work light  
 • Frequency measurement  
 • CAT III 600V for increased safety

2237-20 CLAMP METER \$231.29



### 725L

• 40ppm methane sensitivity and bearing defects  
 • Trace natural gas lines and fittings for leaks frame to failure  
 • Check gas equipment for leaks

725L CUMBUSIBLE LEAK DETECTOR \$69.95




### TLK3

TLK3 TEST LEADS \$24.95

TOOLS & TEST INSTRUMENTS


### DIGITAL METERS & ACCESSORIES (CONT'D)



**9070**

- ISO built-in alarms
- Identifies bearing problems with BDU reading
- Identifies problems with built-in band filters


9070 SMART VIBRATION METER \$495.00



**709A740C1**

- IR Printer (A740)
- Oil Filter (A773)
- Rubber Boot (A765)


709A740C1 COMBUSTION ANALYZER KIT \$659.95



**ABM-100**

- Quickly and easily converts air speed into air volume for you
- Records data to a history log
- Portable, easy to use, & professional
- Free App for both Apple and Android devices


SPK2 FOLDING POCKET IN-DUCT THERMOMETER \$27.80



**ABM-200**

- All the great features of the AbM-100 plus new sensors to measure Temperature, Humidity, and Pressure
- Provides dry bulb temp, we bulb temp, relative humidity, dew point, barometric pressure, air density, wind speed/ direct/gust
- Stores and sends reports
- Use with Exp-64 to avoid going up a ladder


SPK3 ROD AND IR TEMPERATURE POCKET TOOL \$76.92



**SPM-100**

- Powerfull and accurate dual port manometer that fits in your pocket
- Measures static pressure, total external static pressure, indoor vs outdoor conditions, weather data
- Calculates pressure differential
- Stores and sends reports
- Use with PRB-KIT


HIL-1839106 DUAL READOUT THERMOMETER & CLAMPS \$114.38



**PRB-KIT**

- Contains 2 probes, 2 color coded magnetic handles, 2 6' sections of rubber tubing, ergonomic carrying case • Use with SPM-100


HIL-1839108 THERMOCOUPLE CLAMPS \$33.44



**TRI-MIN**

- Collapsible 6-8" tripod with 1/4"-20 universal mount for taking environmental condition readings
- Use with AbM-200
- 3 Year Warranty

HIL-2277-20 LASER TEMP-GUN FOR HVAC/R \$200.99




**EXP-64**

- Extra long, reinforced 18"-64" extension pole with rugged grip and 1/4"-20 universal mount
- 2 easy to use K-style tube clamps
- Use with AbM-200

HIL-2260-21 M12 160X120 THERMAL IMAGER KIT \$2,222.00

ABM-100	AIRFLOW BALANCING METER	\$39.95
ABM-200	AIRFLOW & ENVIRONMENTAL METER	\$79.99
SPM-100	DUAL PORT MANOMETER	\$88.99
PRB-KIT	STINLESS STEEL STATIC PRESSURE PROBE KIT	\$29.95
TRI-MIN	MINI TRIPOD	\$16.72
EXP-64	EXTENSION POLE	\$24.75




**TS-100**

- Dry Bulb Temperature
- Wet Bulb Temperature
- Relative Humidity
- Dew Point

TS-100 TEMPERATURE AND HUMIDITY METER \$49.50


### THERMOMETERS



**FLIR TG54/TG56**

- Spot IR Thermometers
- Take non-contact surface temp measurements with IR sensor
- 24:1 or 30:1 spot ratio to measure smaller targets from a safe distance
- Stunning visual high and low alarms
- Laser pointer helps you identify what is hot and cold


FLIR TG54/TG56 Spot IR Thermometers \$129.99/\$174.99



**SPK2**

- Great for taking quick air temperatures
- Quickly calculates T1-T2
- Fits directly in pocket
- Large display
- Uses common AA battery

SPK2 FOLDING POCKET IN-DUCT THERMOMETER \$27.80



**SPK3**

- Measure temperature with both the probe and infrared
- Backlit display
- Display rotates depending on mode
- Quickly calculates T1-T2 across IR and Rod modes

SPK3 ROD AND IR TEMPERATURE POCKET TOOL \$76.92



**HIL-1839106**


DUAL READOUT THERMOMETER & CLAMPS \$114.38



**HIL-1839108**

- K-style clamps
- Attaches to tubing up to 1 1/8"
- Accurate to +/- 2 degrees
- 3 Year Warranty

HIL-1839108 THERMOCOUPLE CLAMPS \$33.44



**2277-20**

- Uses same M12 battery as your other M12 tools
- Infrared surface temperature measurement from -22-1472 F
- Contact surface temperature measurement from -40-1022F
- 40:1 Distance to spot ratio
- Measure ambient humidity and dew point

2277-20 M12 LASER TEMP-GUN FOR HVAC/R \$200.99

### THERMAL IMAGERS



**2260-21**

- Includes: Tool, 2Gb SDCard, (1) 2.0 Compact battery, charger, case, Software Manual, Thermal Imager Manual, Thermal Imager Report Software, USb Cable
- Captures Thermal & Visual images on each trigger pull
- JPEG format
- 3.5" Color LCD screen w/ 640x480 resolution

2260-21 M12 160X120 THERMAL IMAGER KIT \$2,222.00



## THERMAL IMAGERS (CONT'D)

## THERMAL IMAGERS (CONT'D)



### FLIR TGI165

- Captures thermal measurements from -13 to 716 degrees F
- Stores images and data - removable sd card slot, mini usb for charging
- Job site durability
- Save time and money diagnosing system issues

TGI165 THERMAL IMAGER \$399.99



### FLIR TGI165

- Captures thermal measurements from -13 to 716 degrees F
- Stores images and data - removable sd card slot, mini usb for charging
- Job site durability
- Save time and money diagnosing system issues

TGI165 THERMAL IMAGER \$399.99



### FLIR

- Connects to Android and iOS smartphones and tablets with USB ports or lightning connectors
- Detects temp differences as small as .18 degrees F
- Nine different color palettes
- Auto shutter
- Generates 160x120 thermal video resolution

FLIR PERSONAL THERMAL IMAGER FOR ANDROID/IOS \$249.99



### FLIR C2

- Captures Thermal Measurements from 14 to 302 degrees F
- Pocket portable
- Fully radiometric
- Create reports

FLIR C2 COMPACT THERMAL IMAGING SYSTEM \$699.99



### FLIR E4, E5, E6, E8

- Display: 3" color LCD
- Weighs 1.2 lbs
- Swappable Li-ion battery with 4 hour life
- Simultaneous storage of IR/Visual/MSX images
- Picture in picture image (E5, E6, and E8)
- Includes power supply/charger with four plugs, rechargeable battery Flir tools software, USB cable, and hard transport case
- 10-5-2 warranty (10 years for IR detector, 5 years for field-replaceable batteries, and 2 years on parts and labor)
- Create reports

FLIR E4	Thermal Imagers	\$995.00
FLIR E5	Thermal Imagers	\$1495.00
FLIR E6	Thermal Imagers	\$2495.00
FLIR E8	Thermal Imagers	\$3995.00

## INSPECTION CAMERAS



### 2313-21

- Rotating screen matches rotation of camera
- Optimized 2.7" LCD; 9mm 640x480 digital image sensor
- Includes: Tool, (1) 2.0 Compact battery, charger, 1ea of hook, magnet & mirror attachments, case • Enhanced 3' aluminum cable for improved flexibility and durability
- 4 surround LED lights

2313-21 M12 M-SPECTOR 360 KIT \$200.99



### WS100

- High Speed Wi-Fi Network
- High Definition Camera (720p)
- 8.5mm diameter Scope Probe
- Waterproof Camera & Probe
- Integrated LED light (1W)
- Integrated Phone Mount



WS100 WISCOPE INSPECTION CAMERA \$120.00

TOOLS & TEST INSTRUMENTS



### MANIFOLDS, GAUGES & HOSES



- DV-40S**
- Accurately measures vacuum from 12,000 microns down to 10 microns
  - Heavy duty water resistant
  - Includes backup display on the gauge
  - Programmable with low & high limit alarm
  - Smart phone control through the new, free, JB App
  - Remote Management Capability
  - Wireless Bluetooth®
  - Data logging capabilities for sharing job analytics
  - Rechargeable battery
  - Factory calibrated
  - Measures in microns, psia, inhg, Pascals, torr, mtorr, and mbar
  - USB charging adapter for wall or computer charging
  - Light or dark app theme for visibility in different environments

DV40S WIRELESS DIGITAL MICRON GAUGE \$265.42



- 49867**
- Large, easy-to-read 3-1/8" gauges, steel case red and blue, 1% accuracy (Class 1) gauges
  - Double "O" ring piston
  - Exclusive 100 mesh filter in-line on all flare fittings
  - Includes 60" RYB hoses

49867 TITAN 2-VALVE TEST & CHARGING MANIFOLD \$144.35



- 42001/42004**
- Series 41
  - Certified Red/blue 3 1/8" gauges
  - Color coded scales

42001 2-VALVE MANIFOLD W/60" RYB HOSES WITH STANDARD FITTINGS \$57.78  
 42004 2 VALVE MANIFOLD \$119.88



**915M**

915M PERFORMANCE TEST KIT \$1178.15



- SMAN360**
- All measurements in clear sight
  - 45 refrigerants with easy updates via mini USB connection
  - Micron vacuum gauge with alarms, stopwatch, and rate indicator
  - Simultaneous superheat and subcooling
  - Automatic target superheat



- SMAN460**
- Extra rugged design
  - Live real-time adjustments with wireless measurements
  - Micron vacuum gauge with alarms, stopwatch, and rate indicator
  - Large 3/8" full bore and VAC port
  - All measurements on screen at one time
  - JL2 Job Link™ Compatible

SMAN360 3-PORT DIGITAL MANIFOLD WITH MICRON GAUGE \$429.53  
 SMAN460 4-PORT DIGITAL MANIFOLD WITH MICRON GAUGE \$542.51  
 ABM1 HARD PROTECTIVE CASE FOR SMAN3 AND SMAN4 DIGITAL MANIFOLDS \$55.60

### MANIFOLDS, GAUGES & HOSES

(CONT'D)



- HIL-1839110**
- Dual readout thermometer w/ 2 thermocouple clamps
  - Class 1 accuracy
  - 1/8" NPT male connection
  - Replaceable stainless steel valve seats
  - 3 Year Warranty



- HIL-1839114**
- Easy to read 3 1/8" Gauge with protective boot
  - Glow-in-the-dark capable
  - Rubberized handles
  - 3 - 1/4" charging ports
  - 3 Year Warranty

HIL-1839110 4V ALUMINUM MANIFOLD W/ 60" HOSES R410A \$359.40  
 HIL-1839114 2V BASIC MANIFOLD W/ 60" HOSES R410A \$99.33



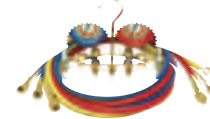
- True 3/8" bore throughout
- For R22, R404A, R410a
- Sold without hoses

HIL-1839132 4 VALVE ALUMINUM MANIFOLD \$120.40  
 HIL-1839134 2 VALVE ALUMINUM MANIFOLD \$99.33



- brass manifold
- 3-1/8" high contrast, glow in the dark gauges
- Sold with 60" hoses

HIL-1932650 2 VALVE BASIC MANIFOLD \$99.33



TP-2VM5H 2 VALVE MANIFOLD W/ 60" HOSES \$60.60



**Microf offers Hassle Free rental purchase options making ownership of your residential heating and cooling system EASY!**

#### Our Hassle Free product option features:

- ✓ NO down payment required
- ✓ NO credit approval required
- ✓ MULTIPLE consumer discounts
- ✓ EARLY PAYOFF
- ✓ FLEXIBLE monthly payment options
- ✓ QUICK response times



## MANIFOLDS, GAUGES & HOSES (CONT'D)



**22986**

- PLUS II™ 1/4" with SealRight™ low loss anti-blow back fitting
- 45° end for easy installation in tight areas
- Available with SealRight fittings on both ends

22986 CHARGING HOSE SET - 72 RYB - 3 PK \$94.09



**29985**

- PLUS II™ 1/4" with Compact ball Valve End
- Uses standard gasket and valve opener
- Rated for 4000 psi (276 bar) minimum burst and 800 psi (55 bar) maximum working pressure

29985 CHARGING HOSE SET - 3 PK \$88.19



TP-5HB 5' BLUE REPLACEMENT HOSE \$13.35  
 TP-5HR 5' RED REPLACEMENT HOSE \$15.78  
 TP-5HY 5' YELLOW REPLACEMENT HOSE \$15.78



TT-BVB 6" BALL VALVE EXTENSION - BLUE \$15.77  
 TT-BVR 6" BALL VALVE EXTENSION - RED \$15.77  
 TT-BVY 6" BALL VALVE EXTENSION - YELLOW \$15.77



HIL-1839150



HIL-1839151



- Extra abrasion-resistant layer
- Rated for 800 psi
- 45 degree end connection
- Lifetime Warranty



HIL-1839152



HIL-1839154



HIL-1839153

HIL-1839150 HOSE 60 IN - RED 1/4" DIAMETER \$15.05  
 HIL-1839151 HOSE 60 IN - BLUE 1/4" DIAMETER \$15.05  
 HIL-1839152 HOSE 60 IN - YELLOW 1/4" DIAMETER \$15.05  
 HIL-1839154 HOSE 60 IN - BLACK 3/8 IN VACUUM \$24.08  
 HIL-1839153 HOSE 60 IN - SET OF 3 1/4" DIAMETER \$45.15  
 HIL-1839158 HOSE 36 IN - SET OF 3 1/4" DIAMETER \$37.93



HIL-1839143



- Extra abrasion-resistant layer
- Rated for 800 psi
- 45 degree ball valve end connection
- Lifetime Warranty

HIL-1839143 HOSE 60 IN - HOSE SET OF 4 WITH BALL VALVE EXT, 1/4" & 3/8" DIAMETER \$137.26  
 HIL-1839148 BALL VALVE - EXT SET OF 3, 8" LENGTH, 1/4" DIAMETER \$57.19



HIL-1839086



HIL-1839087



- 80MM
- Easy to read 3 1/8" Gauge with protective boot
- Glow-in-the-dark capable
- Pressure reminder on ring
- 3 Year Warranty

HIL-1839082 GAUGE R410A LOW-SIDE BLUE \$18.06  
 HIL-1839083 GAUGE R410A hIGH-SIDE RED \$18.06  
 HIL-1839086 GAUGE R12-22-134A LOW-SIDE bLUE \$18.06  
 HIL-1839087 GAUGE R12-22-134A hIGH-SIDE RED \$18.06  
 HIL-1839092 GAUGE R22-404A-410A LOW-SIDE bLUE \$18.06  
 HIL-1839093 GAUGE R22-404A-410A hIGH-SIDE RED \$18.06



**TP-HSG**

- Limited pointer flutter
- 0-800 psi
- R410A/R22/R404A



**TP-HSGL**

- NO pointer flutter
- 0-800 psi overpressure
- R410A/R22/R404A/R134A



**TP-LSG**

- Limited pointer flutter
- 500 psi overpressure
- R410A/R22/R404A



**TP-LSGL**

- NO pointer flutter
- 500 psi overpressure
- R410A/R22/R404A/R134A

TP-HSG 2.5" HIGH SIDE GAUGE W/ BOOT \$14.07  
 TP-HSGL 3-1/8" HIGH SIDE GAUGE W/ BOOT \$19.31  
 TP-LSG 2.5" LOW SIDE GAUGE W/ BOOT \$14.85  
 TP-LSGL 3-1/8" LOW SIDE GAUGE W/ BOOT \$19.31

## ELECTRONIC SCALES



**TT-SCALE**

- 220lb capacity; battery operated (9 volt) with auto shut-off
- Large character LCD
- +/- 0.5% accuracy
- Expandable 6' handset cord
- Includes heavy duty case



TT-SCALE ELECTRONIC SCALE \$134.26



**DS2000**

- Solid State load cell accurate to .25oz/ 10gm w/o need of cylinder directly on center of platform
- LCD screen on a handheld can be read from a distance or in direct sunlight
- 220lb (100kg) capacity
- Pieces are modularized so parts are easily replaced w/o need to purchase entirely new unit
- Auto shut off after 30 minutes to preserve battery and can be disabled



DS2000 WIRELESS ATLAS CHARGING SCALE \$214.63  
 DS2000S WIRELESS ATLAS CHARGING SCALE \$261.20



SRS1 LIGHT WEIGHT REFRIGERANT SCALE \$151.00

TOOLS & TEST INSTRUMENTS



## DIGITAL PSYCHROMETER



**PRH-2**  
 • Wet bulb, dry bulb, dew point, and %Rh are displayed

PRH2 DIGITAL POCKET PSYCHROMETER \$64.56

## REFRIGERANT RECOVERY



**G5TWIN**  
 • Compact and lightweight, Weighs only 24 lbs  
 • Twin Cylinders and Twin Condensers for ultra fast recovery  
 • Refrigerant-Isolated Crankcase, eliminating bearing contamination  
 • Pumps R410a liquid and vapor

G5TWIN REFRIGERANT RECOVERY MACHINE \$732.00



**TP-MM1**  
 • Extremely fast recovery  
 • Oil-less compressor  
 • Automatic low-pressure cut-off switch cuts off at 15" vacuum  
 • Auto-purge helps clear away any residual refrigerant  
 • Padded handle grip  
 • 34lbs

TP-MM1 REFRIGERANT RECOVERY MACHINE \$440.13



**95760**  
 • 410A ready color coded gauges  
 • Recovery complete indicator  
 • Single valve control  
 • Circuit breaker  
 • 1/2 hp  
 • 115V  
 • oil-less compressor  
 • 33 lbs

95760 XL T SERIES REFRIGERANT RECOVERY MACHINE \$856.13

## VACUUM PUMPS



**TP-V5**  
 • 2 stage rotary vane  
 • 15 micron  
 • Center balanced handle with non-slip rubber grip  
 • Easy access oil drain  
 • Large sight glass  
 • 15oz oil capacity  
 • 22lbs

TP-V5 5.5CFM VACUUM PUMP \$189.00  
 TT-VACOIL-GAL VACUUM PUMP OIL - 1 GALLON \$14.85  
 TT-VACOIL-QT VACUUM PUMP OIL - 1 QUART \$6.41

## VACUUM PUMPS (CONT'D)



**93560/93600**  
 • 2 stage  
 • 15 microns  
 • 1/2hp - 1725 rpm  
 • 115V  
 • 34oz oil capacity  
 • 31.5 lbs  
 • 6' power cord

93560 6 CFM VACUUM PUMP, 15 MICRONS \$429.80  
 93600 7 CFM VACUUM PUMP, 25 MICRONS \$420.66



**DV-T1**  
 • Change your vacuum pump oil in between jobs  
 • No more mess and spills, easy and convenient  
 • Extends the life of your vacuum pump

DV-T1 THE TANK \$27.42



**DV-200N**  
 • 1/2 HP, 1725/1425 RPM capacitor start motor with thermal overload protection  
 • 1/2" x 1/4" x 3/8" intake port  
 • Voltage 115 Hertz 60  
 • Standard US 110 Volt plug  
 • 21 ounce (680 cc) oil capacity  
 • Gas ballast increases and keeps oil cleaner  
 • 2 stage direct drive to achieve deep 15 micron vacuum

DV-200N PLATINUM 7 CFM VACUUM PUMP \$469.00



**DV-6E-250**  
 • Eliminator 6 CFM (170 l/m)  
 • 1/2 HP, 1725/1425 RPM capacitor start motor with thermal overload protection  
 • 1/4" x 3/8" intake port  
 • 115 Volt 60 Hertz, 230 Volt 50 Hertz  
 • Standard US 220 Volt plug  
 • 25 ounce (739 cc) oil capacity  
 • Large, easy-to-see sight glass ensures proper oil level  
 • Oil fill is isolated on cover for easy fill

DV-6E-250 ELIMINATOR 6 CFM VACUUM PUMP \$346.83

## WELDING & SOLDERING



**A-5**  
 • Soft solders 3/4" - 1 1/2"  
 • Silver brazes 1/4" - 3/4"

**A-8**  
 • Soft solders 1" - 2"  
 • Silver brazes 1/2" - 1"

A-5 A5 TIP \$70.93  
 A-8 A8 TIP \$84.99



PL-5ADLX-MC ACETYLENE PRO LINE TORCH KIT \$205.40





## WELDING & SOLDERING (CONT'D)



**ET4701**  
• Replacement piezo igniter and trigger for ET478.

ET-4701 EXPRESS TORCH PIEZO IGNITER & TRIGGER \$14.85



**TP-100**  
• Kit includes plastic carrying stand, welding handle, welding/brazing tips size 0 and 2, oxygen and acetylene regulator, goggles, 12 1/2' twin hose, flint lighter

TP-100 WELDING TORCH KIT \$189.00



**TR-NREG**  
• Designed for purging and pressure testing  
• 2" gauges with boots  
• Delivery pressure 0-400psig  
• brass T-handle with stainless steel pressure adjusting screw

TT-NR400 NITROGEN REGULATOR \$54.45



**ET478**  
• Dual mode trigger (momentary & locked)  
• Replaceable piezo igniter  
• Included ET4728 tip brazes up to 1 1/8"  
• Use with 14.1oz. MAP//PRO gas cylinder ONLY (Not included)  
• Lightweight

ET-478 EXPRESS TORCH W/ TIP \$75.00



**ET4714**  
• Replacement torch tip for ET478

ET-4714 EXPRESS TORCH TIP 3/4" \$12.37



**ET4722**  
• Replacement torch tip for ET478

ET-4722 EXPRESS TORCH TIP 7/8" \$12.37



**ET4728**  
• Replacement torch tip for ET478

ET-4728 EXPRESS TORCH TIP 1 1/8" 12600BTU \$12.37

## WELDING & SOLDERING (CONT'D)



**ET4728**  
• Replacement torch tip for ET478

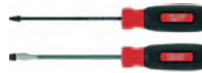
ET-4735 EXPRESS TORCH TIP 1 3/8" 18900BTU \$12.37

## WELDING & SOLDERING (CONT'D)

**"WE EXCHANGE AIR AND GAS TANKS!"**

R20REFILL	TMG 20 CU. FT OXYGEN TANK	\$10.79
B40REFILL	TMG 40 CU. FT ACETYLENE TANK	\$26.27
MC10REFILL	TMG 10 CU. FT ACETYLENE TANK	\$18.63
N20REFILL	TMG 20 CU. FT NITROGEN TANK	\$11.26
N40REFILL	TMG 40 CU. FT NITROGEN TANK	\$11.75
N60REFILL	TMG 60 CU. FT NITROGEN TANK	\$16.97
N80REFILL	TMG 80 CU. FT NITROGEN TANK	\$19.97

## HAND TOOLS



**48-22-2002**  
• Includes: 5/6" Slotted 6" Demo Screwdriver & #2 Phillips 6" Demo Screwdriver  
• heat treated steel cap for extra durability when struck on handle end  
• Forged tool shanks deliver more durability and longer life



**48-22-2008**  
• Includes: 2 ECx, 2 Phillips, 2 Slotted, and 2 Cabinet  
• Wire Stripper Strips Up to 12 Gauge Wire  
• Wire bending hole bends up to 12 Gauge Wire

48-22-2002	2PC DEMO SCREWDRIVERS	\$10.09
48-22-2008	8 PC SCREWDRIVER SET	\$38.66



• Machined tip for precise fit in terminal block screws  
• heat treated shaft; Comfortable grip

HIL-1891397 TERMINAL BLOCK SCREW DRIVER \$4.86



• 3-1/2" Power Groove bits  
• Revolver Style bit Storage  
• Up to 10ga Wire Stripper & Loop Maker  
• Chrome Plated bits  
• Magnetic bit Retention  
• Wrench Ready HEX Shanks

48-22-2103 10 IN 1 TORx KEY DRIVER \$15.14

**TOOLS & TEST INSTRUMENTS**

### HAND TOOLS



- All metal high torque ratchet delivers more durability and 2x driving speed
- Up to 10ga wire stripper and loop maker
- Magnetic bit retention
- On board bit storage in handle
- bits are 3-1/2" long

48-22-2301

48-22-2301	10 IN 1 ECX DRIVE RATCHETING DRIVER	\$22.21
48-22-2302	10 IN 1 SQUARE DRIVE RATCHETING DRIVER	\$17.16



- Includes: 1/4" and 5/16" nut drivers
- hollowCore nut drivers have unlimited depth - ideal for long bolts or threaded rod
- Magnetized
- Universal driver head fits 4x more fasteners
- Wrench ready hex shanks deliver additional leverage
- Chrome plated, forged steel shanks



- Includes: 5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm, and 13mm Nut Drivers
- hollowCore nut drivers have unlimited depth - ideal for long bolts or threaded rod
- Magnetized
- Universal driver head fits 4x more fasteners
- Wrench ready hex shanks deliver additional leverage
- Chrome plated, forged steel shanks



- hollowCore nut drivers have unlimited depth - ideal for long bolts or threaded rod
- Magnetized
- Universal driver head fits 4x more fasteners
- Wrench ready hex shanks deliver additional leverage
- Chrome plated, forged steel shanks



48-22-2502	2PC HOLLOWCORE MAGNETIC NUT DRIVERS	\$22.21
48-22-2517	7PC HOLLOWCORE MAGNETIC NUT DRIVER SET (METRIC)	\$66.89
48-22-2521	1/4" HOLLOWCORE MAGNETIC NUT DRIVER	\$9.63
48-22-2522	5/16" HOLLOWCORE MAGNETIC NUT DRIVER	\$9.63



HIL-1839055



HIL-1839057



- Slip-resistant grip
- Wrench flats
- Color coded

HIL-1839055	1/4" MAGNETIC NUT DRIVER; 1-1/2" LENGTH	\$6.62
HIL-1839056	5/16" MAGNETIC NUT DRIVER; 1-1/2" LENGTH	\$6.62
HIL-1839057	2PC MAGNETIC NUT DRIVER SET; 1/4" & 5/16"; 1-1/2" LENGTH	\$12.84



HIL-1839054	QUICK CHANGE MAGNETIC NUT DRIVER	\$15.24
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HIL-1891260	6" QUICK CHANGE MAGNETIC NUT DRIVER	\$18.46
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### KLEIN TOOLS



KLE-820-16



KLE-601-6



KLE-1010

KLE-1010	LONG-NOSE ALL TOOL	\$18.68
KLE-3100	TINNER SNIPS COMBO	\$29.45
KLE-11055	WIRE STRIPPER AND CUTTER	\$17.05
KLE-32527	11-N-1 SCREWDRIVER W/SCHRADER VALVE CORE TOOL	\$15.94
KLE-68244	3 RATCHET BOX WREN	\$37.75
KLE-85484	SCREWDRIVER SET 4 PC MINI CUSH	\$21.03
KLE-86550	SHEET METAL CRIMPS 5 BLADE	\$25.33
KLE-86551	HAND NOTCHER SHEET METAL	\$37.74
KLE-86552	OFFSET SEAMER SHEET METAL	\$45.05
KLE-86553	STRAIGHT HAND SEAMER	\$40.08
KLE-86554	SEAMER TONG OFFSET	\$36.50
KLE-86555	SEAMER TONG STRAIGHT	\$32.13
KLE-86556	HAND SEAMER 6	\$55.49
KLE-86560	SNAP LOCK PUNCH 3/8	\$39.06
KLE-88977	TUBE CUTTER 1/8 TO 5/8	\$18.98
KLE-88980	FOLDING TOOL 12	\$14.59
KLE-88981	FOLDING TOOL 18	\$17.51
KLE-88982	FOLDING TOOL 24	\$20.44
KLE-89021	FLARING TOOL 3/16-5/8 45 DEG	\$49.65
KLE-89030	BENDER 4-IN-1 3/16 1/4 5/16 3/8	\$26.28
KLE-89565	DUCT STRETCHER	\$20.44
KLE-600-4	SQUARE SHANK CUSH GRIP	\$8.45
KLE-601-6	CUSH GRIP 3/16 RD SCRWDRIVER	\$7.20
KLE-602-6	CUSH GRIP 1/4X6 RD SCRWDRIVER	\$9.79
KLE-603-4	CUSH GRIP 2 PHILLIPS	\$7.38
KLE-603-7	PHILLIPS SCDR NO. 2 7 IN	\$8.25
KLE-630-1/4M	HOLLOW SHAFT MAGNETIC NUT DRIVER	\$8.10
KLE-630-5/16M	HOLLOW SHAFT MAGNETIC NUT DRIVER	\$8.71
KLE-646-1/4M	HOLLOW SHAFT MAGNETIC NUT DRIVER	\$9.13
KLE-646-5/16M	HOLLOW SHAFT MAGNETIC NUT DRIVER	\$9.93
KLE-646M	NUT DRIVER SET 2 PC	\$18.46
KLE-820-16	SETTING HAMMER	\$25.04
KLE-D203-8	PLIERS	\$24.91
KLE-D228-8	8 IN DIAG CUT PLIERS	\$21.84
KLE-D508-4	ADJ WRENCH	\$16.94
KLE-D507-8	8 IN EXTRA CAP ADJ	\$22.58
KLE-88977	SNIPS LEFT CUTTING	\$11.43
KLE-88980	SNIPS RIGHT CUTTING	\$11.43
KLE-J1100L	SNIPS LEFT CUTTING	\$11.43
KLE-J1101R	SNIPS RIGHT CUTTING	\$11.43
KLE-J1102S	SNIPS STRAIGHT CUTTING	\$11.43
KLE-J2100L	OFFSET SNIPS LEFT CUTTING	\$28.18
KLE-J2101R	OFFSET SNIPS RIGHT CUTTING	\$28.18
KLE-J2102S	OFFSET SNIPS STRAIGHT CUTTING	\$21.26
KLE-2104L	UPRIGHT SNIPS LEFT CUTTING	\$28.18
KLE-2105R	UPRIGHT SNIPS RIGHT CUTTING	\$28.18
KLE-2106S	LONG BLADE OFFSET SNIPS STRAIGHT CUTTING	\$15.46
KLE-44101	UTILITY KNIFE BLADES PKG/5	\$2.11
KLE-D507-8	8 IN EXTRA CAP ADJ	\$22.58
KLE-610M	NUT DRIVER SET 2 PC MAGNETIC STUB	\$15.84
KLE-J1005	CRIMPER	\$31.19
KLE-32561	HD STUBBY MULTI-BIT SCR/NUT DRIVER	\$9.91
KLE-44130	UTILITY KNIFE	\$15.30
KLE-44131	FOLDING UTILITY KNIFE	\$11.29
KLE-44132	AUTO LOADING RETRACTABLE UTILITY KNIFE	\$14.64
KLE-86570	TENSIONING TOOL	\$22.74
KLE-86600	MAGNETIC HEX DRIVER 1/4IN 3PK	\$5.73
KLE-86601	MAGNETIC HEX DRIVER 5/16IN 3PK	\$5.73



## HAND TOOLS (CONT'D)



KLE-32557	HD MULTI-BIT SCR/NUT DRV	\$13.96
KLE-86602	MAGNETIC HEX DRIVER 3/8IN 3PK	\$5.73
KLE-93225	TAPE MEASURE 25FT MAGNETIC	\$18.10
KLE-602-7DD	7IN RD CUSHION GRIP DEMO DRIVER	\$16.39
KLE-612-4	TERMINAL BLOCK SCREWDRVR	\$6.60
KLE-J2068C	ALL PURPOSE PLIERS	\$35.31
KLE-88978	WHEEL & SCREW 88977 3PK	\$6.55
KLE-55419SP-14	TRADESMAN PRO ORGANIZER SHOULDER POUCH	\$49.45
KLE-44103	UTILITY BLADE DISPENSER	\$10.68
KLE-55421BP14	ORGANIZER BACKPACK	\$91.43
KLE-J20009NE	9 IN SIDE CUTTING PLIER JMAN	\$42.03
KLE-88904	TUBE CUTTER	\$32.76
KLE-88905	REPLACEMENT WHEEL FOR TUBE CUTTER	\$3.00



**Hilmer**  
• Includes valve core bit!

HIL-1891259	RATCHETING 9 IN 1 MULTI TOOL	\$18.06
HIL-1839053	9 IN 1 MULTI TOOL	\$9.35



**Hilmer**

HIL-1891351	6 IN 1 STUBBY MULTI TOOL	\$8.03
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## KNIVES & BLADES



- 48-22-1990** *Milwaukee*
- Press & Flip for One-handed Opening
  - Resharpenable Stainless Steel Drop-Point blade
  - Liner Lock Secures blade in the Open Position
  - Slim, Compact body
  - Piercing Tip Allows for Controlled Piercing & Smooth Cutting
  - Reversible Wire-Form belt Clip

- 48-22-1995**
- Spring assisted opening permits 1 handed operation
  - black oxide coated stainless steel serrated blade
  - Liner lock
  - Quick adjust jaws w/ V-groove creates a more precise fit



48-22-1990	FASTBACK SMOOTH FOLDING POCKET KNIFE	\$15.14
48-22-1995	FASTBACK SPRING ASSISTED SERRATED KNIFE	\$24.08



- 48-22-1902** *Milwaukee*
- Magnetic blade storage
  - Press and flip operation
  - Tool free blade change
  - Durable all metal body
  - Gut hook; Strips up to 10 ga wire



- 48-22-1910**
- Tool Free blade Change
  - Side Slide blade Activation
  - Wire Stripper Strips Up To 10 Gauge Wire
  - blade Storage
  - Rubber Over Mold Grip

48-22-1902	FASTBACK II FLIP UTILITY KNIFE	\$20.19
48-22-1910	SLIDING UTILITY KNIFE	\$8.29



48-22-1905	GENERAL PURPOSE UTILITY BLADES 5/PACK	\$1.34
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## HAND TOOLS



A32008	VALVE CORE TORQUE TOOL	\$15.18
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- Auto proper torque to 5" pounds
- Calibrate to precise torquing measurements for core valves
- Works with Shrader valve cores



- 48-22-3069** *Milwaukee*
- Reaming head design smooths edges of metal pipe from 1/2" to 1"
  - bolt cutter
  - Thread and cut #6 & #8 bolts
  - Strip 10-18 AWG (solid wire) or 12-20 AWG (stranded wire)
  - Locking mechanism keep tool closed and locked while in pouch
  - Spring loaded for easy opening
  - Forged alloy steel



- 48-22-4107**
- Reaming head design smooths edges of metal pipe from 1/2" to 1"
  - bolt cutter
  - Thread and cut #6 & #8 bolts
  - high leverage design
  - Laser hardened cutting edges
  - 15 Degree offset head design for easier and quicker prying & pulling



- 48-22-3110**
- Exposed reaming handles ream up to 1" conduit
  - Reaming head design smooths out rough edges of up to 2" pipe
  - Up to 2" aw capacity; Forged alloy steel

48-22-3069	6 IN 1 COMBINATION PLIERS	\$30.29
48-22-4107	7" 6 IN 1 DIAGONAL PLIERS	\$27.26
48-22-3110	10" QUICK ADJUST REAMING PLIERS	\$27.26



- 48-22-4000** *Milwaukee*
- One handed locking
  - Flush bolt design prevents snips from getting hung up on material
  - Forged alloy steel blades
  - Serrated jaws cut up to 18ga CRS & 22ga stainless



- 48-22-4012/4022** *Milwaukee*
- 45 Degree offset keeps users hand away from cutting material
  - One handed locking
  - Flush bolt design prevents snips from getting hung up on material
  - Forged alloy steel blades
  - Serrated jaws cut up to 18ga CRS & 22ga stainless



- 48-22-4033**
- Includes: left cut, right cut, and straight cut snips
  - One handed locking
  - Flush bolt design prevents snips from getting hung up on material
  - Forged alloy steel blades
  - Serrated jaws cut up to 18ga CRS & 22ga stainless



48-22-4000	BULLDOG SNIPS	\$14.72
48-22-4012	LEFT CUTTING OFFSET SNIPS	\$17.39
48-22-4022	RIGHT CUTTING OFFSET SNIPS	\$17.39
48-22-4033	3 PC SET AVIATION SNIPS	\$40.13



## HAND TOOLS (CONT'D)



18F	18" FOLDING TOOL	\$19.29
TY4G	TENSION TOOL W/GRIP 6 PK	\$37.78
TC400	TUBE SLICER	\$18.49
TS1	TURBOSHEAR	\$50.50
S11	HAND SEAMER TONG OFFSET	\$55.92
S2R	HAND SEAMER	\$46.96
S3R	HAND OFFSET SEAMER	\$51.93
S6R	HAND SEAMER	\$66.81
HC1	HC-1 HOLE CUTTER	\$67.03
HHD1	HHD-1 MAGNET 1/4" HEX DRIVER	\$11.32
HHD2	HHD-2 MAGNET 5/16" HEX DRIVER	\$11.63
C5R	HAND CRIMPER - 5 BLADE	\$32.16
M2001	M2001 LEFT CUT SNIP	\$23.46
M2002	M2002 RIGHT CUT SNIPS	\$23.46
M2003	M2003 COMBO CUT	\$23.46
M2004	M2004 DOUBLE CUT	\$44.44
M2005	M2005 AVATION ( BULLDOG ) SNIP	\$24.64
M2006	M2006 LEFT OFFSET SNIP	\$28.80
M2007	M2007 RIGHT OFFSET SNIP	\$28.54
N1R	M1-R HAND NOTCHER	\$46.26



TP-70074 OFFSET WRATCHET WRENCH \$15.54

### hilmar



- Automatically self adjusts to strip and cut 10-26 AWG wire
- Micro adjusting knob allows for stripping down to 30AWG and up to 8 AWG
- Crimp insulated and non-insulated terminals 10-22 AWG

HIL-1885423 SELF ADJUSTING WIRE STRIPPER \$20.88

### hilmar



HIL-1891191 2"-12" HOLE CUTTING TOOL \$52.98  
 HIL-1891192 2"-20" HOLE CUTTING TOOL \$67.42

### hilmar



HIL-1891190 CABLE TIE TENSIONING TOOL \$24.08

## FLARE & SWAGING TOOLS

### hilmar



- HIL-1838947**
- Includes 1 bar, 1 Quick-Engage Yoke, 1 Flare Cone 3/16" to 3/4", 5 Swage heads
  - Lifetime Warranty



- HIL-1838952**
- Precise flares, every time
  - No cracked tubes
  - Simple set-up
  - Easy to position
  - Tube sizes 3/16" to 3/4"
  - Lifetime Warranty



- HIL-1839008**
- Includes 5 punches 1/4" to 5/8"
  - Lifetime Warranty



- HIL-1839009**
- One punch, multiple tube sizes
  - Designed to fit 1/4" to 5/8"
  - Lifetime Warranty



- HIL-1839015**
- Includes 5 Expander heads 3/8" to 7/8", Deburrer, Compact swage tool, Case
  - Lifetime Warranty

HIL-1838947	QUICK ENGAGE FLARE & SWAGE KIT	\$127.09
HIL-1838952	ORBITAL FLARE	\$108.36
HIL-1839008	PUNCH SWAGE SET	\$29.70
HIL-1839009	MULTI-SWAGE PUNCH	\$9.63
HIL-1839015	COMPACT SWAGE KIT	\$341.14



## PIPE & TUBING CUTTERS



**60121**  
• Cuts from 1/8" to 7/8" OD



**60142**  
• Cuts from 1/4" to 1 1/8" OD

60121	MINI CUTTER	\$13.87
60142	BIG MINI CUTTER	\$33.63



**HIL-1885381**  
• Good for small spaces  
• Cast aluminum body  
• Stainless steel wheel  
• Use replacement wheel hIL-1885386

**HIL-1885382/1885383**  
• Good for small spaces  
• Cast aluminum body  
• Stainless steel wheel  
• Bonus wheel included  
• Wheel storage in handle  
• Use replacement wheel hIL-1885386



**HIL-1885384/1885385**  
• Cast zinc body  
• 4 roller tracking system keeps the tube from threading  
• Professional machinist's reamer for deburring  
• bonus wheel included  
• Wheel Storage in handle  
• Use replacement wheel hIL-1885387



**HIL-1885386**  
• Replacement wheel for hIL-1885381 and hIL-1885382 copper tubing cutters

**HIL-1885387**  
• Replacement wheel for hIL-1885384 and hIL-1885385 copper tubing cutters



**HIL-1885388**  
• Cut plastic tubing up to 1-5/16" in diameter  
• Ergonomic, comfortable cast aluminum body  
• Stainless steel blade



**HIL-1885393**  
• Ratcheting action increases ease of cutting  
• Cut plastic tubing up to 1-5/8" in diameter  
• Ergonomic, comfortable cast aluminum body  
• Stainless steel blade

HIL-1885381	1/8"-5/8" TUBING CUTTER	\$11.60
HIL-1885382	1/8"-1" TUBING CUTTER	\$21.54
HIL-1885383	1/8"-1-1/8" TUBING CUTTER	\$24.04
HIL-1885384	1/8"-1-1/8" TUBING CUTTER	\$34.65
HIL-1885385	1/8"-1-3/4" TUBING CUTTER	\$51.84
HIL-1885386	SMALL TUBE CUTTER WHEEL; 2PK	\$4.36
HIL-1885387	TUBE CUTTER WHEEL; 2PK	\$6.25
HIL-1885388	PLASTIC TUBE CUTTER	\$27.63
HIL-1885393	RATCHETING PLASTIC TUBING CUTTER	\$43.61

## TUBING BENDERS



**HIL-1839027**  
• Simple sizing  
• Quick identification  
• Precise angles  
• Tube sizes 1/4", 3/8", 1/2"  
• Lifetime Warranty



**HIL-1839029**  
• Simple setup  
• Precise angles  
• More leverage, more bends  
• Tube sizes to 3/4"  
• Lifetime Warranty



**HIL-1839032**  
• Includes body and crossbar for 1/4" to 7/8", 7 mandrels 1/4" to 7/8", Case  
• Lifetime Warranty

HIL-1839027	TRI-TUBE BENDER	\$40.13
HIL-1839029	LEVER BENDER	\$140.47
HIL-1839032	COMPACT BENDER KIT	\$152.51
HIL-1890999	REVERSE BENDER ATTACHMENT FOR USE WITH HIL-1839032	\$60.20

## UTILITY BLOWER



**9550**  
• Model 1xGG2  
• 3 powerful speeds  
• 2 120V grounded outlets  
• Rugged, easy to carry handle  
• Fully assembled

9550	PIVOTING UTILITY BLOWER	\$66.35
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## POWER TOOLS



**2401-22**  
• Includes Tool, 2 2.0 Compact batteries, Charger, Case  
• 175 in-lbs of torque  
• 1/4" Quick Change hex chuck  
• Built-in LEDs

2401-22	M12 SCREWDRIVER KIT	\$99.99
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• Includes: Tool w/brushless motor, 2 2.0 Compact batteries, Charger, Case  
• 325 in-lbs of torque  
• 0-450 RPM & 0-1,700 RPM  
• 1/4" Quick Change hex Chuck  
• built-in LEDs

2402-22	M12 FUEL 1/4" HEX 2 SPD SCREWDRIVER KIT	\$190.89
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TOOLS & TEST INSTRUMENTS

## POWER TOOLS (CONT'D)

TOOLS & TEST INSTRUMENTS



**2404-22**

- Includes: Tool, 1 xC 4.0 battery, 1 2.0 Compact battery, Charger, Case
- 350 in-lbs of Torque
- 1/2" Metal Single Sleeve Chuck
- 0-450 RPM & 1,700 RPM
- built-in LEDs

2404-22

M12 FUEL 1/2" HAMMER DRILL/DRIVER KIT

\$190.89



- Includes: brushless 1/2" hammer Drill/Driver, brushless 1/4" hex Impact Driver, (2) xC 4.0 batteries, Charger, Case
- hammer Drill/Driver Features: Up to 725 in-lbs of torque, 0-550 RPM & 0-1,850 RPM, 1/2" Metal Single Sleeve - Ratcheting Lock
- Impact Driver Features: 3 Fastening modes, Up to 1,600 in-lbs of torque, 0-2,900 RPM, 0-3,600 IPM

2797-22

M18 FUEL HAMMER DRILL/DRIVER & IMPACTOR KIT

\$402.99



**2453-22**

- Includes: Tool w/brushless motor, (2) 2.0 Compact batteries, Charger, Case
- 2 speed drive control
- Up to 1,200 in-lbs of torque
- 0-2,650 RPM
- 0-3,550 IPM
- Built-in LEDs

2453-22

M12 FUEL 1/4" HEX IMPACT DRIVER KIT

\$170.69



**2415-21**

- Includes: Tool w/brushless motor, (1) 2.0 Compact battery, Charger, Case
- Extended Paddle Switch for convenience and comfort
- Electronic clutch can deliver up to 100 in-lbs of torque w/11 settings for complete control
- 0-800 RPM
- 3/8" Single Sleeve Ratcheting Chuck
- built-in LEDs

2415-21

M12 3/8" RIGHT ANGLE DRILL/DRIVER KIT

\$130.29



**2420-21**

- Only 11" and 2.6 lbs for cutting in tight spaces
- Keyless QUIK-LOK blade Clamp for quick & easy blade changes
- All metal gear case
- Variable speed trigger
- Accepts full size reciprocating saw blades
- 0-3000 strokes per min
- 1/2" Stroke length
- built-in LEDs

2420-21

M12 HACKZALL RECIP KIT

\$130.29



- Includes: Tool and case
- 12 amp motor
- 0-3,300 strokes per min
- 3/4" stroke length
- QUIK-LOK blade Clamp

6509-31

SAWZALL RECIP SAW KIT

\$130.29



- 2.1 amp portable powered USB Port charges all portable electronic devices - including tablets

49-24-2310

M12 POWER SOURCE

\$28.09



48-11-2420



48-11-2440



- REDLINK Intelligence provides optimized performance and overload protection using communication between tool, battery, & charger
- 2.0 amp-hours of runtime

48-11-2420  
48-11-2440

M12 2.0 COMPACT BATTERY  
M12 XC 4.0 BATTERY PACK

\$49.49

\$79.79



2510-20

M12 AC/DC WALL VEHICLE CHARGER

\$79.79







## POWER TOOL ACCESSORIES



- 48-32-2301**
- Impact duty knuckle allows users to drive fasteners and drill hold in tight, difficult work areas
  - Locks at 0 or 30 degree angle
  - Rated to handle 2,000 in-lbs of torque



- 48-32-4401/4402**
- Impact duty bit set
  - Geometric design provides shock absorption
  - Proprietary steel and heat treat process for maximum strength and durability
  - Forged tips for maximum grip



- 48-32-4461/4462/4463**
- Geometric Design
  - Forged Tips for Maximum Grip



- 48-32-4492**
- 5 pack
  - ECx bits are a combo of Phillips, Square Recess, and Slotted tips



- 48-32-4503/4511/4512**
- Use with Milwaukee ShockWAVE Impact Duty Insert Magnetic Nut Drivers
  - 2-piece Construction Withstands Abuse



- 49-66-4502/4503/4505**
- Magnetic Tip for Secure Grip
  - Color-coded band for Easy Size Identification

48-32-2301	SHOCKWAVE KNUCKLE 11PC SET	\$30.29
48-32-4401	29 PC SHOCKWAVE DRIVER BIT SET	\$25.24
48-32-4402	35 PC SHOCKWAVE DRILLING & DRIVING BIT SET	\$24.08
48-32-4461	2" #1 PHILLIPS SHOCKWAVE BIT	\$1.42
48-32-4462	2" #2 PHILLIPS SHOCKWAVE BIT	\$2.01
48-32-4463	2" #3 PHILLIPS SHOCKWAVE BIT	\$1.42
48-32-4492	2" ECX SHOCKWAVE BIT	\$6.41
48-32-4503	3" SHOCKWAVE MAGNETIC BIT TIP HOLDER	\$8.07
48-32-4511	6" SHOCKWAVE MAGNETIC BIT TIP HOLDER	\$6.76
48-32-4512	12" SHOCKWAVE MAGNETIC BIT TIP HOLDER	\$8.36
49-66-4502	1-7/8" SHOCKWAVE MAGNETIC NUTDRIVER 1/4"	\$2.11
49-66-4503	1-7/8" LONG SHOCKWAVE MAGNETIC NUT SETTER 5/16"	\$2.23
49-66-4505	1-7/8" LONG SHOCKWAVE MAGNETIC NUT SETTER 3/8"	\$2.50



TT-MSH1/4MC	1/4" MAGNETIC NUT SETTER	\$2.10
TT-MSH5/16MC	5/16" MAGNETIC NUT SETTER	\$2.15



HIL-1885435	1/4" MAGNETIC NUT SETTER	\$2.15
HIL-1885436	5/16" MAGNETIC NUT SETTER	\$2.21
HIL-1885437	3/8" MAGNETIC NUT SETTER	\$2.41



- Rare earth magnet securely holds fasteners
- Impact compatible
- 1/4" quick change shank
- Color coded for easy identification
- 1-7/8" Length
- 3pk



48-25-2562	2-9/16" SELFEEED BIT	\$30.00
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- Includes 2 removable & replaceable feed screws
- blades are resharpenable



48-89-9100	1/8" TO 1/2" STEP DRILL BIT	\$19.00
48-89-9135	7/8" TO 1-1/8" STEP DRILL BIT	\$52.52
48-89-9212	7/8" TO 1-3/8" STEP DRILL BIT	\$64.21

**48-89-9100**

- Single cutting edge provides true round holes every time
- Laser etched markings
- 1/4" hex shank for fast bit changes
- 1/32" stepped increments

**48-89-9135/9212**

- Single cutting edge provides true round holes every time
- Laser etched markings
- 3-Flat shank prevents slipping in chuck



48-00-5035	6" 5 TPI SAWZALL BLADE 5/PACK	\$15.14
48-00-5036	9" 5 TPI SAWZALL BLADE 5/PACK	\$20.19
48-00-5037	12" 5 TPI SAWZALL BLADE 5/PACK	\$23.22
48-00-5182	6" 14 TPI SAWZALL BLADE THIN KERF 5/PACK	\$13.12
48-00-5184	6" 18 TPI SAWZALL BLADE THIN KERF 5/PACK	\$13.12
48-00-5186	6" 24 TPI SAWZALL BLADE THIN KERF 5/PACK	\$13.12
48-00-5187	9" 14 TPI SAWZALL BLADE THIN KERF 5/PACK	\$16.15
48-00-5188	9" 18 TPI SAWZALL BLADE THIN KERF 5/PACK	\$16.15
48-00-8026	9" 5 TPI SAWZALL BLADE THE AX; 5/PACK	\$99.99
48-00-8184	9" 5 TPI SAWZALL BLADE 25/PACK	\$50.49
48-00-8186	6" 24 TPI SAWZALL BLADE 25/PACK	\$50.49



TOOLS & TEST INSTRUMENTS

### MISC. TOOLS & ACCESSORIES



#### 49-22-4800

- Includes: 7/8", 1-1/8", & 1-3/8" Thin wall hole saws, 1/4" Quick change hex shank • Thin wall 8 TPI design for 40% faster cuts
- Stop shoulder design prevents over-drilling and damaging components
- Ejection spring automatically removes slugs

#### 49-56-0153/0197

- Ice hardened cryogenically treated for up to 50% longer life
- Optimized tooth form for up to 2x faster cutting
- Wide, angled & offset slots for easy plug access



49-22-4800	THIN WALL HOLE SAW 3PC SET	\$32.90
49-56-0153	2-9/16" ICE HARDENED BI-METAL HOLE SAW	\$13.12
49-56-0197	3-5/8" ICE HARDENED BI-METAL HOLE SAW	\$14.13



**hilmar**

HIL-1839046	SERVICE WRENCH HEX KEY	\$2.41
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- Reaming grooves
- Digging edge
- Dual gradient slope vial
- Strong rare earth magnets
- 0, 45, 90 degree leveling vials

48-22-5109	10" REAMING TORPEDO LEVEL	\$25.24
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**DIVERSITECH**

- Over the shoulder refillable, nitrogen or CO2 mini drain cleaning kit
- holds 9 cubic feet of nitrogen or 2-1/2 pounds of CO2
- Integral mounted regulator

MBK-6	DRAIN KAT	\$204.19
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**DIVERSITECH**

#### GG-1

- Clears condensate drains with a SWOOSH
- Lightweight 3oz tool includes tapered fitting to work on 3/8" - 3/4" drain openings and flexible hose

#### GGC-12

- Fits GG-1
- Environmentally safe and recyclable
- 12 per pack

GG-1	GALLO GUN	\$33.03
GGC-12	SWOOSH CO2 CARTRIDGE	\$22.35



**Nu-Calgon**

#### 61308

- INCLUDES DRAIN SUCKER PUMP, HOSES, FITTINGS, SHOCK TABS, PAN STRIP

61308	A/C DRAIN SUCKER	\$33.15
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### MISC. TOOLS & ACCESSORIES



**ClenAir**  
Nu-Calgon

- Accurate and economical tool for ensuring proper levels of glycol treatment in HVAC fluid systems
- Metal body w/cushioned eyepiece
- Focus Adjustment
- Rubber hand grip

GLY32	GLYCOMETER	\$84.65
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**TopTech**  
comfort | excellence

TWS-40	WATER SABER CONDENSER COIL CLEANING TOOL	\$58.53
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- Writes through dusty, wet, and oily surfaces

48-22-3100	INKZALL MARKER	\$1.00
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**Milwaukee**

48-22-5116

- Nylon bond blade protection
- 5-point reinforced frame
- Finger stop protects finger during blade retraction
- Dual magnets
- blueprint scale calculated 1/4" and 1/8" drawings
- 2 sided printing
- 9' standout

48-22-5116	16' MAGNETIC TAPE MEASURE	\$19.40
48-22-5125	25' MAGNETIC TAPE MEASURE	\$20.83
48-22-5135	35' MAGNETIC TAPE MEASURE	\$32.78



**EB Tools Inc**

#### PCRT-1

- Durable 303 stainless steel construction
- Removes accidental dropping and subsequent loss of valve cores
- Works on any standard valve core



#### PCRT-2

- Same great features as the PCRT-1 Valve Core Gripper, but with in an extended version.

PCRT-1	VALVE CORE GRIPPER	\$9.78
PCRT-2 XL	VALVE CORE GRIPPER	\$12.22



**Supco**  
THE RIGHT CHOICE

#### FSC10

- Easily clean sensors
- Prevents false starts
- Convenient key ring

FSC10	FLAME SENSOR CLEANER	\$5.51
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**Supco**  
THE RIGHT CHOICE

#### ESPRO1

- Dissipates static during electronic repair and maintenance
- Current limiting resistor
- Adjustable

ESPRO1	STATIC PRO	\$2.66
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## MISC. TOOLS & ACCESSORIES (CONT'D)



- HIL-1839078**
- 27 pockets
  - 18 elastic bands
  - Sturdy, water-resistant bottom
  - Reinforced rivets
  - holds up to 50lbs

**hilmer**



- HIL-1839079**
- 24 pockets
  - 3 pouches
  - 2 padded side pockets
  - Sturdy, hard plastic, water-resistant bottom
  - Aluminum carry handle
  - holds up to 50 lbs



- HIL-1839080**
- 18 pockets
  - 2 padded, zippered side pockets
  - Sturdy, rubber, water-resistant bottom
  - holds up to 50 lbs
  - Padded shoulder straps

HIL-1839078	HVAC/R TOTE	\$48.15
HIL-1839079	TOOL BAG	\$63.21
HIL-1839080	BACK PACK TOOL BAG	\$63.21



**hilmer**

- Cut-resistant fabric while maintaining dexterity

HIL-1891463	SHEET METAL GLOVES - MED	\$16.72
HIL-1891469	SHEET METAL GLOVES - LARGE	\$16.72
HIL-1891592	SHEET METAL GLOVES - XL	\$16.72



**hilmer**

- Provides hand protection and a solid grip, yet keeps fingers flexible

HIL-1891606	HVAC GLOVES - MED	\$16.72
HIL-1891607	HVAC GLOVES - LARGE	\$16.72
HIL-1891624	HVAC GLOVES - XL	\$16.72



**KLEIN TOOLS**

KLE-40208	CAMOUFLAGE GLOVES MED	\$22.50
KLE-40209	CAMOUFLAGE GLOVES LARGE	\$22.50
KLE-40210	CAMOUFLAGE GLOVES XL	\$22.50



- Milwaukee**
- 50 total pockets of assorted shapes and sizes positioned inside and out provide limitless storage option
  - heavy-duty water resistant 600 Denier Ripstop Polyester material
  - Padded handles
  - Internal hammer loop

49-17-0180	50 POCKET BUCKET-LESS TOOL ORGANIZER	\$22.07
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- Milwaukee**
- Includes: hoodie, 1 2.0 battery, and charger
  - 3 heating zones
  - 3 heat settings
  - Washer & dryer safe

2381-2X M12	HEATED HOODIE KIT BLACK	\$148.61
2381-L M12	HEATED HOODIE KIT BLACK	\$148.61
2381-M M12	HEATED HOODIE KIT BLACK	\$148.61
2381-XL M12	HEATED HOODIE KIT BLACK	\$148.61
2383-2X M12	HEATED HOODIE KIT CAMO	\$169.05
2383-L M12	HEATED HOODIE KIT CAMO	\$169.05
2383-M M12	HEATED HOODIE KIT CAMO	\$169.05
2383-XL M12	HEATED HOODIE KIT CAMO	\$169.05



- Milwaukee**
- Includes: Jacket, 1 2.0 battery, and charger
  - 5 carbon fiber heating zones
  - 3 heat settings
  - 5 pockets, water/wind resistant
  - Washer & dryer safe

2393-2X M12	HEATED JACKET KIT CAMO	\$217.86
2393-L M12	HEATED JACKET KIT CAMO	\$217.86
2393-M M12	HEATED JACKET KIT CAMO	\$217.86
2393-XL M12	HEATED JACKET KIT CAMO	\$217.86
2395-2X M12	HEATED JACKET KIT BLACK	\$198.81
2395-L M12	HEATED JACKET KIT BLACK	\$198.81
2395-M M12	HEATED JACKET KIT BLACK	\$198.81
2395-XL M12	HEATED JACKET KIT BLACK	\$198.81



- Milwaukee**
- Includes hand warmer only
  - 3 heat settings
  - Water/wind resistant
  - Washer & dryer safe

2321-20 M12	HEATED HAND WARMER CAMO	\$59.59
2322-20 M12	HEATED HAND WARMER BLACK	\$65.55

**CE IS YOUR ONE STOP SHOP FOR ALL OF YOUR HVAC NEEDS**

**TOOLS & TEST INSTRUMENTS**









## 18 Convenient Mid-Atlantic Locations

**CE Alexandria, VA**  
5230 Eisenhower Ave  
Bldg #3  
Alexandria, VA 22304  
Telephone: 703-370-9301

**CE Baltimore/White Marsh, MD**  
9601 Pulaski Park Dr.  
Suite 408  
Baltimore, MD 21220  
Telephone: 410-391-4600

**CE Chesapeake, VA**  
1545 Crossways Blvd.  
Suite J-K  
Chesapeake, VA 23320  
Telephone: 757-858-4500

**CE Fredericksburg, VA**  
212- C Industrial Ct.  
Fredericksburg, VA 22408  
Telephone: 540-710-2500

**CE Fredrick, MD**  
4615 Wedgewood Blvd.  
Fredrick, MD 21703  
Telephone : 301-228-2688

**CE Gaithersburg, MD**  
9230 Gaither Rd  
Gaithersburg, MD 20877  
Telephone: 240-683-8610

**CE Hanover, MD**  
7481 Coca Cola Dr  
Ste 200  
Hanover, MD 21076  
Telephone: 410-981-4410

**CE Laurel, MD**  
13200 Mid Atlantic Blvd.  
Suite 100  
Laurel, MD 20708  
Telephone: 301-470-1703

**CE Lynchburg, VA**  
117 Vista Centre Drive  
Suite A  
Forest, VA 24551  
Telephone: 434-316-7260

**CE Newport News, VA**  
321 Ed Wright Ln.  
Newport News, VA 23606  
Telephone: 757-249-2605

**CE Richmond, VA**  
2300 Westmoreland St Richmond, VA 23230  
Telephone: 804-678-5199

**CE S. Richmond/Chesterfield, VA**  
8981 Whitepine Road Richmond, VA 23237  
Telephone: 804-521-2750

**CE Roanoke, VA**  
3517 Aerial Way Dr Roanoke, VA  
24018 Telephone: 540-224-2100

**CE South Charleston**  
801 Ashby Ave  
South Charleston, WV 25303  
Telephone: 304-722-8760

**CE Sterling, VA**  
22675 Dulles Summit Court  
Suite 150  
Sterling, VA 20166  
Telephone: 703-326-5353

**CE Waldorf, MD**  
104 Paul Mellon Ct. Waldorf, MD  
20602 Telephone: 301-705-5001

**CE Winchester, VA**  
255 Fort Collier Road  
Suite B  
Winchester, VA 22603  
Telephone: 540-723-9881

**CE Woodbridge, VA**  
15005 Farm Creek Drive  
Suite 101  
Woodbridge, VA 22191  
Telephone: 703-491-1804



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