







#### WE KNOW PARTS

The HTS Ontario Parts Department operates with unparalleled customer service and support for the dozens of manufacturers and hundreds of parts we proudly represent. We are problem solvers; we will find the part from any manufacturer that your equipment requires.

As the official Daikin Applied OEM Parts Distributor, HTS offers **competitive pricing and the best trained staff** who are ready to provide timely solutions for our customers' maintenance and repair needs. In addition to accessing hard-to-find parts, we maintain **fully-stocked parts showrooms** in Toronto, Ottawa, London, and Etobicoke.

#### **OUR PROMISE**

As the parts department, we are committed to the individual success of all those involved in a project's HVAC system selection, design, purchase, installation, and maintenance.

#### WE MAKE IT **EASY**

Our goal is to help reduce your equipment downtime by providing you with replacement and warranty parts in a quick and timely manner. *Order your parts by calling our direct lines, visiting one of our locations, or by emailing parts@hts.com* 

	TIONS & CONT			110
North York	Etobicoke	Scarborough	Ottawa /	London
555 Oakdale Rd., Unit A	1571 The Queensway	150 Milner Ave, Unit 15	830 Campbell Ave, #101	320 Neptune Crescent
Toronto, ON M3N 1W7	Etobicoke, ON M8Z 1T8	Scarborough, ON M1S 3R3	Ottawa, ON K2A 2C2	London, ON N6M 1A1
Mon - Fri	Mon - Fri	Mon - Fri	Mon - Fri	Mon - Fri
7:00 a.m 5:00 p.m.	7:30 a.m 5:00 p.m.	7:30 a.m 5:00 p.m.	7:30 a.m 4:30 p.m.	8:00 a.m 4:00 p.m.
(416) 642-9799	(416) 642-0176	(416) 642-2625	(613) 728-7400	(519) 457-1288

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INTRODUCTION





Canada's **LARGEST** supplier of Daikin Applied OEM parts.































# PTACs & Self-Contained Units

ALL **ITEMS IN STOCK** 

\*Availability varies by location, please call your local store.



Applied Comfort is focused on designing and manufacturing class-leading, high-quality, energy-efficient Packaged Terminal Air Conditioners (PTACs) from OEM chassis specifications with premium components.



#### **DMQ Series**

- 32" wide
- Premium component design with digital controls
- Front desk and emergency management system ready
- Switchable to 24V remote thermostat



#### i42 Inverter

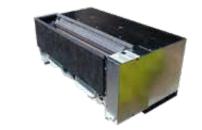
- State-of-the-art INVERTER technology fits in standard 16"x42"PTAC sleeves
- Energy savings of up to 30%
- Reduced operation sound levels
- Modulating INVERTER technology ensures consistent dehumidification and highest efficiency



#### **Type K Replacement**

- 36", 36.5" wide
- Innovative replacement for all three sections of original legacy chassis
- Class-leading energy performance
- Electronic touch-pad controls switchable to wall thermostat and EMS
- Direct slide-in to existing wall sleeve





#### **Series 16/AAF/PNES Replacement**

- 37.5", 41.5" wide
- Class-leading efficiency
- Quiet operation
- Commercial-duty construction and premium components



#### Calm 42 Series

- 42" wide
- Universal heater design (U42), fixed-amperage (C42), and innovative INVERTER models (i42)
- Class-leading efficiency
- Quiet indoor sound
- Electronic temperature limiting



#### **EA Series**

- 45" wide
- Commercial-duty, quiet high-static pressure for ducting
- Class-leading efficiency
- Quiet operation
- High-quality performance and premium components
- Easy installation



#### **CDF Series**

- Exact Chromalox<sup>™</sup> replacements, 44" wide
- Heavy-duty components and materials for superior performance and durability
- High-energy efficiency
- Long reliable service life



#### **RS Series**

- 45" wide
- High-performance design
- Class-leading efficiency
- Quiet operation
- Commercial-duty, durable premium components





**OEM PARTS** 

REPLACEMENT EQUIPMENT

#### **PTACS & SELF-CONTAINED UNITS**



Napoleon has led the way with new and innovative, patented technology that continuously surpasses industry standards. The heating and cooling systems are engineered to a high level, and are quiet, efficient, and noticeably comfortable.



#### Condo Pack - Built with Confidence for Performance and Efficiency

Designed for conventional thru-wall installation applications and is the most effective choice with pre-wired and pre-charged dual sliding chassis. The Condo Pack has easy installation and maintenance for both heating and cooling units.

#### **Benefits and Advantages:**

- Delivers up to 96.8% AFUE and 90% thermal efficiency
- High performance compressors delivering up to 13 SEER
- Tubular stainless steel primary and secondary heat exchanger
- NEW 11 EER ratings with R-410A refrigerant
- Natural gas or propane
- Blower dynamically balanced with resilient motor mounts for noise reduction and smooth operation
- Independent metering and temperature control
- Direct vent design eliminates the need for a chimney
- Exterior condensate drain for ease of service
- Fully insulated cabinet for clean and quiet operation
- Three piece design allows for individual component handling for easy installation and serviceability
- Wall sleeve (optional) can be installed separately during building framing for easier and cleaner installation
- Entire unit is factory tested before shipment



\*Availability varies by location, please call your local store.

#### **ALL ITEMS IN STOCK**

**OEM PARTS** 

REPLACEMENT EQUIPMENT



#### Daikin ThinLine horizontal and vertical units

- Flexible valve and piping options: software selectable, factory mounted, and normal closed/ open, on/off, modulating (horizontal and vertical
- Configuration options: exposed, concealed, and recessed (horizontal units) flat top, sloped top, and hide-away (vertical units)
- **Cabinet colors options:** cupola white, off-white, antique ivory, putty beige, soft gray, and custom (custom horizontal unit only)
- Grille options: stamped or multi-directional outlet grilles, and return grille (horizontal and vertical units)
- Extended end pocket options: 4" each side or 8" each side (horizontal and vertical units)
- Controller options: MicroTech® III, 3-speed switch or low voltage, analog or digital t-stat, remote or unit mounted, and 3-speed or staged fan (horizontal and vertical units)

- **Electric heat options:** single point power connections, and total or auxiliary heat (horizontal and vertical units)
- Fan motor options: 4 high-efficiency ECMs, and standard efficiency PSC motor (horizontal and vertical units)
- Primary/secondary drain pan options: sloped/ polymer, easily removable, and noncorrosive plastic or stainless steel (horizontal and vertical units)
- **Coil options**: (horizontal and vertical units)
  - 2. 3. or 4-row main
  - 1 or 2-row preheat or 1-row reheat
  - Hot water or steam
  - Same or opposite end connections
  - Multiple circuit selections





# Heat Pumps

\*Availability varies by location, please call your local store.



REPLACEMENT PARTS ALSO AVAILABLE

Omega Heat Pumps provides all in one heating and cooling solutions for residential and commercial applications. Founded in 2006, the company continues to expand its product offering to meet the rigorous requirements for green, quiet, and comfortable heating and cooling.



**REPLACEMENT EQUIPMENT** 

**OEM PARTS** 

#### **Omega HRP Series (Enerzone Replacement)**

- ¾ tons 2 ½ tons
- OEM replacement for true form, fit and function

omega HEAT PUMPS

- Comes standard with High and Low pressure safety switches, and water coil freeze protection
- Each unit is factory tested and charged with R-410A refrigerant
- Optional auto shut-off control valve to disable water flow through the unit when there is no call for compressor
- Optional auto-flow balancing valves for maintaining nominal water flow rate through unit



- ¾ tons 2 tons
- Plug-n-play matching power and control harness connections for quick installation
- Double isolated compressor base and high efficiency R-410A compressors for quiet operation
- High and low pressure safety switches standard on all models
- Thermostatic Expansion Valve (TXV) for accurate refrigerant metering
- Optional auto shut-off control valve to disable water flow through the unit when there is no call for compressor
- Optional auto-flow balancing valves for maintaining nominal water flow rate through unit



- ¾ tons 3 tons
- "M" control option comes with matching 9 pin harness to mate with existing ClimateMaster "M" controls
- Omega electrical package kit mounted in electrical box and replacing all controls with new controls including a full featured advanced microprocessor controller



#### **HCA Series (McQuay Replacement)**

- ¾ ton 2 tons
- Complete electrical box kit with full featured advanced microprocessor controller to replace existing electrical box and all controls
- High and low-pressure safety switches, entering and leaving water temperature sensing for pre-emptive detection of water flow issues, and condensate overflow switch comes standard
- Each unit is factory tested and charged with R-410A refrigerant
- Optional auto shut-off control valve to disable water flow through the unit when there is no call for compressor
- Optional auto-flow balancing valves for maintaining nominal water flow rate through unit



#### **VF Series (Replacement for Singer/McQuay Series** VF/VP/VG Units)

- 34 ton 3 tons
- Each unit comes with R410A refrigerant and is fully factory tested before shipment
- Easy monitoring of controller board LED display status and quick diagnostic fault detection
- Advanced microprocessor controller continuously monitors operation of the unit for fault-free start-ups and optimal operation
- Optional auto shut-off control valve to disable water flow through the unit when there is no call for compressor
- Optional auto-flow balancing valves for maintaining nominal water flow rate through unit



#### **VSCS Series (Johnson Controls Replacement)**

- ¾ tons 2 ½ tons
- Direct replacement and upgrade for the Johnson Controls VSCS chassis units
- High and low pressure safety switches, water coil freeze protection, and double isolated compressor base
- Optional auto shut-off control valve to disable water flow through the unit when there is no call for compressor
- Optional auto-flow balancing valves for maintaining nominal water flow rate through unit







# DAIKIN

Heating

\*Availability varies by location, please call your local store.



**OEM PARTS** 

REPLACEMENT EQUIPMENT



Sigma Corporation is a manufacturer of commercial and industrial HVAC equipment including Wallfin, Convectors, Propellorized Unit Heaters, Cabinet Unit Heaters, Valance/Radiant Ceiling Heating and Cooling Products. In addition to industry-standard items, their 34,000 sq. ft. manufacturing facility in Mississauga, Ontario is optimized for quality flexible manufacturing to meet nearly any specification.





#### **SUH Unit Heaters**

- Horizontal and vertical propeller unit heaters feature a wide performance range for both hot water and steam applications
- Side entry coil connections on model H units permit installation in clearance-critical low ceiling environments
- Special coils constructed with 0.032" wall Cu-Ni tubes or 0.049" wall copper
- Designed for maximum airflow and optimum air distribution, outlet temperatures are reduced and avoid "hot spots"
- Standard units have 12 FPI fin series for enhanced performance
- Equipped with horizontal louvers for simple vertical air distribution adjustment
- Optional louver fin diffusers permit enhanced air distribution adjustment with either a wide spread of warmth or focused warm air for greater unit throw

#### Daikin designed the first complete line of water source heat pumps with high efficiency, outstanding reliability, and guiet operation for individually zoned comfort control in commercial, institutional, and industrial buildings.



#### **Enfinity™ Console In-Room**

- 1/2 ton 1.5 ton
- Models MHC and MHW
- R-410A refrigerant
- Exceeds ASHRAE 90.1 efficiency standards by up to
- High efficiency reduces energy consumption and operating costs



#### **Smartsource® Compact Vertical Water** Source

- 1/2 ton 6 ton
- Model GCV
- Small footprint for easy replacement of most WSHPs
- Dehumidification for increased occupant comfort
- Low operating costs, easy installation, and quick serviceability



#### **Enfinity™ Horizontal Ceiling Mounted**

- 1/2 ton 10 ton
- Model CCH standard range
- Model CCW geothermal range
- Non-CFC, R-410A refrigerant
- High efficiency reduces energy consumption and operating costs





**OEM PARTS** 

REPLACEMENT EQUIPMENT



**Schwank** is the world leader in infrared radiant heating. They've sold over 2 million units to more than 150,000 customers in 40 countries because they deliver exceptional energy savings, product quality, environmental performance and service and support. As a result, modern Schwank infrared heating is replacing conventional forced air and hydronic heating systems the world over.

#### **Luminous Heaters**



**supraSchwank** - The *most efficient* industrial and commercial radiant heater with up to 65% energy savings.

These overhead luminous gas heaters can be mounted on ceilings up to 180 feet (50m) and still provide superior comfort and temperature levels.

#### **Heater Models Available [input/length]:**

29,500 BTU/h - 23.87" 59,000 BTU/h - 45.75" 118,000 BTU/h - 45.75" 44,000 BTU/h - 34.60" 88,500 BTU/h - 67.50"

#### primoSchwank - Powerful and energy efficient

Designed specifically for industrial and commercial spaces with high ceilings up to 180 feet (55m) with one of the best efficiency ratings in North America.

Capable of converting up to 68% of the gas input into radiant energy.\*

\*Based on gross caloric value; EN-419 test

#### **Heater Models Available [input/length]:**

37,500 BTU/h - 23.75" 75,000 BTU/h - 45.62" 150,000 BTU/h - 45.62" 56,000 BTU/h - 34.50" 113,000 BTU/h - 67.32"





**ecoSchwank** - Efficiency, *economy*, and performance

Designed for industrial and commercial use. Clean and efficient radiant heaters with the highest efficiency rating in North America.

Capability to heat large spaces with high ceilings while minimizing operation costs.

#### **Heater Models Available [input/length]:**

100,000 BTU/h 200,000 BTU/h\* 21,500 BTU/h 50,000 BTU/h 35,000 BTU/h 65,000 BTU/h 150,000 BTU/h

\*Double burner model; each burner has a dedicated flame sensor for maximum safety.

#### Radiant Tube Heaters



**superTube**<sup>®</sup> **SST Series** -The next generation of radiant tube heaters with *performance* and efficiency reinvented.

EC motors are used across the complete superTube product line of single-stage, two-stage, and modulating infrared tube heaters. With SST Series models ranging from 50,000 – 250,000 [BTUhs], and with 20 ft to 80 ft system lengths.

#### ultraSchwank - The most efficient commercial & industrial tube heating solution in North America.

Ideal for use in commercial or industrial facilities that demand heavy duty heating applications such as warehouses and manufacturing facilities.

56% to 62% radiant efficiency

(\*based on gross caloric value; EN-416 test) \*ANSI/CSA standard requires of 35% radiant energy

#### **Heater Models Available [input/length]:**

60,000 BTU/h - 20', 30' 130,000 BTU/h - 40', 50' 200,000 BTU/h - 60', 70' 90,000 BTU/h - 30', 40' 160,000 BTU/h - 50', 60'



#### premierSchwank - High comfort indoor radiant heaters with low fuel costs

Provide guiet and clean heating solutions and have rightfully earned its title as the indoor radiant heater with the best efficiency rating in North America when compared to other non-insulated tube heaters.

#### **Heater Models Available [input/length]:**

45.000 BTU/h - 20' 100.000 BTU/h - 20' 150,000 BTU/h - 40', 50', 60' 60,000 BTU/h - 20', 30' 110,000 BTU/h - 30', 40', 50' 175,000 BTU/h - 50', 60', 70' 80,000 BTU/h - 20', 30', 40' 130,000 BTU/h - 30', 40', 50' 200,000 BTU/h - 50', 60', 70'

#### builderSchwank - Ideal for indoor applications

One of the most economical radiant tube heaters on the market for spot heating distribution and production facilities. Built using Schwank's low cost heating system design to provide comfort and a quick payback period.

#### Also available in 2-stage [SET] model

Dual firing rate capability for controlled comfort

The 2-stage heating system lowers energy consumption and increases equipment life by reducing ON/OFF cycles. The dual firing rate allows for a controlled comfort level with a high intensity and low intensity heat setting to provide more or less heat when required.

Both models are available in P40 Pre-Assembled U-Tube Model



#### Single Stage Heater Models Available [input/length]:

45,000 BTU/h - 20' 60,000 BTU/h - 20', 30' 80,000 BTU/h - 20', 30', 40' 100,000 BTU/h - 20' 110,000 BTU/h - 30', 40', 50' 130,000 BTU/h - 30', 40', 50' 150.000 BTU/h - 40', 50', 60' 175,000 BTU/h - 50', 60', 70' 200.000 BTU/h - 50', 60', 70'

#### 2-Stage Heater Models Available [input/length]:

80,000/60,000 BTU/h - 20', 30' 110,000/75,000 BTU/h - 30', 40' 130,000/90,000 BTU/h - 30', 40' 155,000/110,000 BTU/h - 40', 50' 175,000/110,000 BTU/h - 40', 50' 200,000/140,000 BTU/h-50',60'

Note: Radiant efficiencies are third party tested.







**Modine Manufacturing Company** has led the way in thermal management since 1916 designing, manufacturing, and testing heat transfer products for a wide variety of applications and markets.



# • Input

#### **Hot Dawg Low Profile Unit Heater (HD/HDB)**

- Input ranges from 30,000 to 125,000 BTUs and can operate on natural or propane gas
- Ideal for residential garages and workshops, along with light commercial or industrial applications
- Hush-puppy quiet operation
- 115V, 16 hertz, single phase
- Lightweight, easy installation 1" from ceiling



#### **Separated Combustion (PTS/BTS, HDS/HDC)**

- Input ranges from 30-125 MBH and can operate on natural or propane gas
- Specifically designed for environments with hostile atmospheric conditions, such as chemicals, high humidity or negative pressure
- Swept wing fan on sizes from 100,000 to 200,000 BTU/hr for superior airflow and noise reduction
- Same-size vent and combustion air inlets throughout product line makes installation easier
- Longer allowable vent lengths (up to 50' vs 30')



#### **Vertical Power Vented (PDP/BDP)**

- Input ranges from 150,000 to 400,000 BTU/hr
- The PDP (propeller) and BDP (blower) High Efficiency II gasfired unit heaters are inexpensive to install, easy to use, and offer excellent in-service economy
- 80% thermally efficient, maximizing seasonal efficiency
- Power exhaust can be rotated 180°, can be vented vertically or horizontally
- Safety-pressure switch to assure safe venting conditions



#### **Duct Furnaces**

#### Indoor Gravity Vented (DFG) - ETL certified

- Input ranges from 75,000 to 400,000 BTU/hr and can operate on natural or propane gas
- Designed to be an *economical* choice for use with a building's heating, heating/cooling, and make-up air systems
- 80% thermally efficient
  - Blocked vent safety switch
- 115V control step down transformer with 24V gas controls
- 20 gauge aluminized steel cabinet
- Certified to 3.0" W.C. external static pressure
- Right side access to burner and gas controls with slide-out burner drawer



#### **Outdoor Duct Furnace (HFG/HFP)**

- Input ranges from 75,000 to 400,000 BTU/hr and can operate on natural or propane gas
- Designed for use with a building's heating, heating/cooling, and make-up air systems
- All units a minimum of 80% thermally efficient
- 115V control step down transformer with 24V gas controls
- 18 gauge aluminized steel cabinet with a baked-on polyester powder finish on exterior casing parts
- Certified to 3.0" W.C. external static pressure



#### **Indoor Separated Combustion (DFS)** - ETL certified

- Input ranges from 75,000 to 400,000 BTU/hr and can operate on natural or propane gas
- Designed for use with a building's heating, heating/cooling, and make-up air systems with hostile atmospheric conditions, such as high humidity or negative pressures
- All units a minimum of 80% thermally efficient
- 20 gauge aluminized steel cabinet
- Certified to 3.0" W.C. external static pressure
- Separate electrical, venting, and gas control access with fully gasket-installed doors



**REPLACEMENT EQUIPMENT** 

**DEM PARTS** 

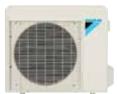




# Mini Splits & VRV

ALL **ITEMS IN STOCK** 

\*Availability varies by location, please call your local store.





#### Daikin Single-Zone Outdoor Units

3	Daikin Single-Zone Outdoor Units							
Indoor Units	RK (Cooling Only)	RX (Heat Pump)	RXL (Aurora Low Ambient Heating Down to -13)					
	$\checkmark$	<b>√</b>	$\checkmark$					
(Wall Mounted FTX series 9,000 to 36,000 BTU/h)								
(Ducted FDM series 9,000 to 36,000 BTU/h)	$\checkmark$	$\checkmark$	<b>√</b>					
110			$\checkmark$					
(Floor Standing FVX series 9,000 to 15,000 BTU/h)								
	$\checkmark$							
(Ceiling Cassette FFQ VISTA series 9,000 to 18,000 BTU/h)								
	$\checkmark$							
(EMURA Wall Mounted FTXR series 9,000 to 18,000 BTU/h)								
(Slim Ducted FDX series 9,000 to	$\checkmark$							



24,000 BTU/h)





**OEM PARTS** 

REPLACEMENT EQUIPMENT

#### Daikin Multi Zone Outdoor Units

Outdoor Units	Available Options
MXS18NMVJU (1.5 tons)	2 ports
MXS24RMVJU (2.0 tons)	3 ports
MXS36RMVJU (3.0 tons)	4 ports
MXS48TVJU (4.0 tons)	5 ports and 8 ports
AURORA (	(Low Ambient heating down to -13)
MXL18QMVJU (1.5 tons)	2 ports
MXL24RMVJU (2.0 tons)	3 ports
MXL36TVJU (3.0 tons)	4 ports







#### **Outdoor Units**

Daikin VRV system is a multi-split type air conditioner for commercial buildings that uses variable refrigerant flow control developed by Daikin to provide customers with the ability to maintain individual zone control in each room and floor of a building.

#### VRV IV

**REPLACEMENT EQUIPMENT** 

**OEM PARTS** 



#### **Heat Pump**

- Total comfort solution for heating, cooling, ventilation, and
- Energy efficiency values (IEER) up to 28.0
- Incorporates VRV IV standards and technologies such as variable refrigerant temperature and all inverter compressors
- Best-in-class warranty\* with 10-year compressor and parts limited warranty as standard

#### VRV IV -S



#### **Air-Cooled**

- Available in 3. 4 and NEW 5 ton modules
- Increase in efficiency up to 18 SEER & 10.5+ HSPF
- Year round comfort and energy savings delivered by VRT technology
- Broader diversity with ability to connect up to 9 indoor units
- Space saving design with under 39" height. Over 25% smaller as compared to VRV III-S
- Easier to install with over 39% weight reduction vs. VRV III-S
- Low sound levels for comfort
- Higher reliability with Daikin's swing compressor
- Dependable operation in extreme ambient conditions up to 122°F
- Added safety and peace of mind with optional auto changeover to auxiliary heat
- Backed by a best in class 10-Year Parts Limited Warranty\*

#### VRV Aurora



#### **VRV AURORA Heat Pump and Heat Recovery**

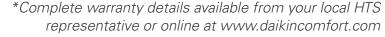
- VRF industry's first air-cooled system that delivers heating capacities down to -22°F (-30°C) as standard
- Daikin's inverter based vapor injection compressor is designed to deliver heating capacity of up to 100% of nominal at 0°F (-18°C), up to 85% of nominal at -13°F (-25°C) and up to 60% of nominal at -22°F (-30°C)
- Year round comfort and energy savings with Variable Refrigerant Temperature technology (VRT)
- Refrigerant-cooled efficient and stable inverter board operation, independent of ambient conditions
- Heat recovery models designed to provide continuous heating during defrost and oil return

#### VRV IV X



#### **Heat Recovery**

- Fully integrated solution with heat recovery offers high efficiencies with IEER values up to 29.3
- Perfect personal comfort for guests/tenants via simultaneous cooling and heating
- Total comfort solution for heating, cooling, ventilation, and
- Perfect personal comfort for guests/tenants via simultaneous cooling and heating
- Incorporates VRV IV standards and technologies such as Variable refrigerant temperature and all inverter compressors
- Unique range of single and multi-port branch selector boxes
- Heating function down to -13°F ambient air temperature
- Daikin VRV IV is the first variable refrigerant flow (VRF) system to be assembled in North America
- Space-saving with ability to connect multiple gas furnaces to one outdoor unit with 14 selectable settings







#### VRV IV



#### **VRV T-Series Water Cooled Condensing Unit Heat Pump/Heat Recovery**

- Flexible System design with increased diversity up to 150%
- Can be applied to both geothermal and boiler/tower applications as bstandard with condenser water inlet temperature as low as 14°F in heating and 23°F in cooling is possible
- Triple-stack capable to deliver up to 36 tons in just under 10.5 feet ceiling height thanks to the compact design
- Engineered with heat rejection cancellation technology to eliminate mechanical room conditioning requirements
- 2-9V variable water flow control logic as standard to increase waterside system operational efficiencies
- Drop-down switch box for easy service to key components
- Field selectable top or front refrigerant connections for flexible and easy installation

## VRV Fit

**REPLACEMENT EQUIPMENT** 

**OEM PARTS** 



#### **VRV Fit**

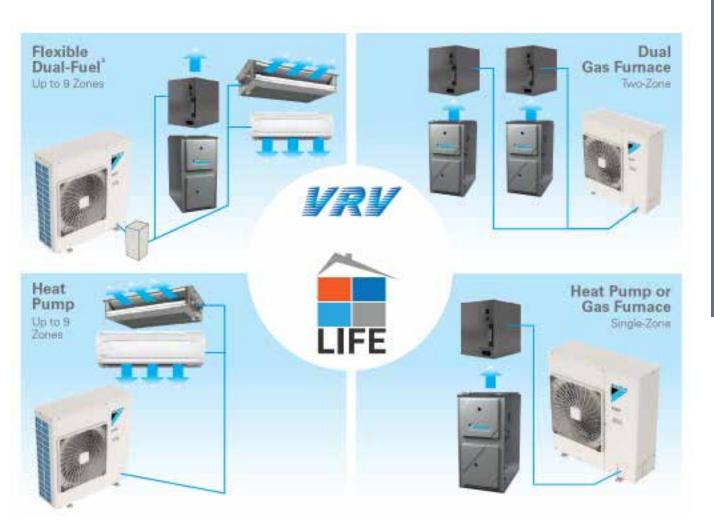
- The Daikin Fit system is a side discharge, smart HVAC system that won't compromise on comfort and connects to ducted solutions traditional to the unitary market.
- Perfect alternative to the traditional cube style unitary products in a 1:1 application
- Install using existing ductwork and existing line sets
- Space-saving low profile trunk style outdoor unit for easy carrying and installation in tight spaces
- Inverter (variable-speed) Compressor for Ideal indoor comfort and efficiency
- Quiet-mode provides enhanced acoustical comfort
- Blue Fin Coat for long condenser coil life and reliability



#### **VRV** Life

- Precision engineered for flexibility, zoning, low sound and space saving, with the ability to mix and match ducted and duct-free indoor units in combination with a gas furnace.
- Ability to choose heat pump or multi-zone Dual-Fuel2 heating capability
- Auto and programmable modes for heat pump to gas heat switch over temperatures
- Compatible with 12 types and 65 models of Daikin VRV indoor fan coil units and 80 - 97% AFUE Daikin up fow and down fow communicating gas furnaces

- Dependable heat pump operation in extreme ambient conditions down to -4°F in heating mode and up to 122°F in cooling mode
- Year-round comfort and energy savings delivered by combining VRV and VRT technologies compared to traditional split systems
- Operation with sound levels of under 58 dbA1 make for easy install close to lot lines
- Engineered with Daikin's swing Inverter compressor technology



\*Complete warranty details available from your local HTS representative or online at www.daikincomfort.com







**AIR CURTAINS** 

# **OEM PARTS**

**REPLACEMENT EQUIPMENT** 

# Air Curtains

**ALL ITEMS IN STOCK** 

\*Availability varies by location, please call your local store.



SchwankAir Curtains create an effective seal by re-circulating the facility air in a smooth laminar flow across an open doorway. This creates an air seal, like a waterfall, that prevents leakage of air between two areas with different pressure and climate. The more laminar this air flow, the harder it is for outside air, insects, or dust to penetrate the air curtain.



#### SchwankAir 2000 Series

- Available in ambient, electric, and water models for any type of application
- 208V, 230V, 480V, and 600V models
- All units are available in optional heated models and recessed air curtain models
- Wall brackets and ceiling mounting points supplied for surface mount units
- SchwankAir wired controller and door switch included
- Easily mounts on any door up to 10 feet high to create air seals that keep conditioned air in the building and dust, dirt, and insects out



#### SchwankAir 2500 Series

- Available in ambient, electric, and water models for any type of application
- 208V, 230V, 480V, and 600V models
- All units are available in optional heated models and recessed air curtain models
- Wall brackets and ceiling mounting points supplied for surface mount units
- SchwankAir wired controller and door switch included
- Easily mounts on any door up to 11.5 feet high to create air seals that keep conditioned air in the building and dust, dirt, and insects out & boasts a higher CFM for a more efficient air seal







#### SchwankAir 500 Series

- Available in 208V models
- All units are electric heated models
- 2-Stage heat settings
- Easily mounts on any drive-thru window to create an air seal to keep conditioned air in the building and keep dust, dirt, and insects out

Model	Len	gth	Hei	ght	De	pth	Supply		Heat 0	utput	Max Volu		Noise	No Wei			
	mm	in	mm	in	mm	in	Volts	Phase	Hz	Amps	kw	BTU/h	m3/h	cfm	dB	kg	lbs
524EH	600	24	201	8	120	4.75	208	1	60	12	1.13 / 2.25	3,860 / 7,685	200	120	46.5	4.5	10
532EH	800	32	201	8	120	4.75	208	1	60	25	2.46 / 4.91	8,400 / 16,770	370	220	56.0	5.5	12



#### SchwankAir 1200 Series

- High and low air flow setting at the push of a button
- Automatic activation ready: Unit comes with a magnetic door switch to automatically turn on and off when the door opens and closes
- Easy installation: Mounting brackets included
- Remote control and magnetic door switch included
- Door Heights: Up to 9 feet

Model	Unit Dimensions (inches)		Supply Voltage	FLA (Amp)	Pow Input		Max Velo (FPI	city	Air Vo (CF		No (d	ise B)	No Wei		
	Length	Height	Depth			High	Low	High	Low	High	Low	High	Low	lbs.	kg
AC-1036-12-BK	37.2	10.2	8.7	120/1/60	3.2	380	300	2550	1950	1177	942	67	65	29.8	13.5
AC-1048-12-BK	49.2	10.2	8.7	120/1/60	4.5	530	450	2550	1950	1648	1295	69	67	37.5	17
AC-1060-12-BK	61.2	10.2	8.7	120/1/60	5.75	690	610	2550	1950	2119	1648	71	69	46.3	21

More models available, contact your sales representative







# Hot Water Tank

**ALL ITEMS IN STOCK** 

\*Availability varies by location, please call your local store.



PVI specializes in medium to large capacity ASME water heaters for commercial and institutional buildings, including schools, hotels, hospitals, dormitories, apartments, correctional facilities and military barracks.



#### **CONQUEST®** Condensing Gas Water Heater

CONQUEST is a small footprint, fire tube, condensing storage water heater featuring a submerged combustion chamber and spiraled array of fire tubes fabricated entirely from AquaPLEX.

- 199 250 299 MBTU in a 100 gallon tank
- 399 500 600 700 800 MBTU in a 130 gallon tank
- Up to 97% thermal efficiency from 40° F to 140° F at full rate (4.44° C to 60° C)
- Part load efficiency up to 99% with modulating models
- Meets ASHRAE 90.1
- Heaters qualify for LEED certification
- Natural gas or LP gas
- Touch-screen operating control with plain text status and fault diagnostics



Tank and heat exchanger are constructed from AguaPLEX duplex stainless steel. Naturally immune to agueous corrosion, the heater requires no tank linings or anode protection of any type.









NSF 372 lead-free

ASHRAE 90.1 - 2013 compliant SCAQMD compliant



AguaPLEX tank and heat exchanger come with a 15 year warranty. Tank warranty covers leaks, production of discolored/rusty water, chloride stress corrosion cracking, condensate corrosion or defects in material or workmanship. One-year parts warranty.

# Boilers

\*Availability varies by location, please call your local store.





**Viessmann** offers an innovative heating solution to meet the requirements of any application with a complete line of high-efficiency oil and gas-fired boilers, solar thermal systems, advanced biomass heating and control technology. Whether as a fully-integrated system or single-energy installation, our products deliver maximum energy savings and performance.

Whether the project is a new construction or retrofit, single-family home or district heating network, Viessmann has an ideal solution.



#### Vitodens 200-W, Cascade Systems



**OEM PARTS** 

REPLACEMENT EQUIPMENT

- Single or multi-boiler operation, 60-4240 MBH
- Flexible installation: floor standing corner, or back to back
- Common venting for up to four boilers



#### Vitocrossal 300, CA3B

- Thermal efficiency of up to 96%
- Single or multiple boiler operation, 300-48,000 MBH
- Common venting for up to four boilers



Ignition Electrodes and Ionization Electrode



Stainless steel Inox-Radial heat exchanger

















# **OEM Parts**

**ALL ITEMS IN STOCK** 

\*Availability varies by location, please call your local store.



Loren Cook Company Gemini fans provide maximum performance, durability, and ease of installation in a wide variety of ceiling (GC) and inline (GN) clean air exhaust applications, as well as field convertible. There is a range of sizes with direct drive motors, in either single or double wide construction.

Size: 126 - 188









Size: 822 - 960



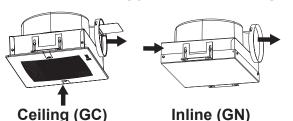


GC & GN GEMINI ROOM EXHAUSTS		SIZE	MAX. CFM	MAX. SP	<b>24</b> hr	ENERGY STAR
Ceiling	GC	126 - 188	260	1"	<b>✓</b>	✓
Inline	GN	120 - 100	200		· ·	
Ceiling	GC	222 - 740	050	1"	_	✓
Inline	GN	222 - 740	850		· ·	
Ceiling	GC	822 - 960	1 000	1"		
Inline	GN	822 - 900	1,800		· ·	
Ceiling	GC	1000 2000	0.400	1"		
Inline	GN	1000 - 2000	3,400		<b>✓</b>	



Size: 1000 - 2000







24hr = 24 Hour Express



= ENERGY STAR® Certified

#### **Quality Tested**

Made in the USA in an ISO 9001 certified factory. Tested in COOK's AMCA registered laboratory in accordance with AMCA standards.

GC sizes 128, 222 & 242 are ENERGY STAR® certified products. All units are listed by Underwriters Laboratory (UL 705) and UL listed for Canada (cUL 705). GC and GN 126-188 are UL 507 and cUL 507

GN sizes 200 through 2000 series units are available with UL 1995 listing (Heating & Cooling Equipment) and cUL 1995 listing for Canada. When a Gemini 200-2000 unit is supplying a separate modular cooling or heating source, UL 1995 listing may be required by local code.



**DRISTEEM** designs and manufactures humidification systems to meet unique humidification requirements. DRISTEEM has earned a reputation as the humidification experts by supporting customers' unique commercial, healthcare, industrial, and process-critical applications for more than 50 years.



#### **XT Series Electrode Humidification System**

- Vapor-logic® 4 controller included with Model XTP and optional ModBus®, BACnet®, and LonTalk® interoperability
- Model XTP capacity range from 5 to 287 lbs/hr (2 to 130 kg/h) and Model XTR capacity range from 5 to 11 lbs/hr (2 to 5 kg/h)
- Control to ±3% RH
- Designed for easy installation and minimal maintenance



#### **GTS®** Gas-to-Steam Humidification System

- Vapor-logic® 4 controller with: web-enabled remote access, ModBus®, BACnet®, and LonTalk® interoperability
- Capacity range to 600 lbs/hr (272 kg/h) for each unit; link up to 16 units for capacity up to 9,600 lbs/hr (4,352 kg/h)
- Control to ±3% RH, steam output range-ability up to 40:1
- Low nitrogen oxide (NOx) emissions of less than 20 ppm
- Up to 84% burner efficiency rating
- Designed and tested to meet AIR-640 humidification standard, CSA, AGA, CGA approved for sealed combustion



#### STS® Steam-to-Steam Humidification System

- Vapor-logic® 4 controller with: web-enabled remote access, BACnet®, and LonTalk® interoperability
- Capacity range up to 1600 lbs/hr (726 kg/h)
- Control to ±3% RH
- Electronically monitored water level ensures safe and reliable operation
- Ultra-sorb Model XV dispersion option



**OEM PARTS** 



# Probe Heater Bottle\* \*We offer replacement \*We offer replacement



#### **Vapor-logic® Controller**

bottles for competitor units

- Provides comprehensive control for DriSteem GTS®, STS®, Vaporstrem®, Vapormist®, Humidi-tech®, CRUV®, and XT series
- Multi-color status LEDs to speed up troubleshooting
- Additional LED shows if power is available to the keypad and display



#### **Humidifier De-Scaling Solution & Pump Kit**

Why do I need this? Scale buildup on humidifier heaters and heat exchangers acts as an insulator, reducing humidifier performance while increasing energy costs.

- **De-Scaling solution** removes scale more thoroughly than hand-scraping, and does not corrode the water tank, components, or welds.
- **De-Scaling neutralizer** is added to the water tank following the de-scaling process to bring water back to normal pH levels.
- **De-Scaling pump kit** greatly increases the effect that the de-scaling solution has on mineral deposits in the water tank, making the process guicker and easier.



\*Availability varies by location, please call your local store



#### Why Daikin VFDs are a smart choice

- Easy-to-use advanced HVAC controls
- Competitive pricing while covering nearly all HVAC applications through two-tier offering
- Same-day shipping on in-stock VFDs
- Quick ship options available on non-stocked VFDs
- Embedded serial communications standard

#### **Applications**

Daikin VFDs can be added to most motor and pump applications to reduce energy costs during low demand periods of your HVAC system. Daikin VFDs are designed and tested for use with a variety of HVAC system components.

- Rooftop units
- Air handling units
- Chilled water pumps
- Heating water pumps
- Cooling water fans
- Condenser water pumps



Utilize Daikin Variable Frequency
Drives to increase your HVAC system
performance and save on energy costs.



**DEM PARTS** 





# DAIKIN



#### Single-Phase Multi-Voltage PSC, Double-Shaft

- Direct drive motor
- Thermally protected, UL recognized, CSA and cUL certified
- **Application**: air moving (furnace fans, air handlers, blowers, air conditioners, exhaust fans, etc.)



- Preprogrammed for direct factory replacement
- Select appropriate motor based on unit characteristics
- 20-30% more efficient than traditional PSC motors
- **Application**: air moving (Unit Ventilators and Water Source Heat Pumps)







#### Premium Efficient, Three-Phase, ODP, with AEGIS SGR Protection

- General purpose motor
- Ball bearings; heavy-duty steel or cast-iron frames
- Class F insulated motor with 1.15 service factor or higher that operates within Class B temperature limits at rated horsepower
- **Application**: fans, blowers, machine tools, energy savings where continuous or frequent duty is required

# Compressors

\*Availability varies by location, please call your local store.

#### Scroll Compressors



**Copeland Compressors** are trusted by HVAC/R professionals worldwide for efficient, reliable performance and breakthrough



#### **ZP, Single & Three Phase**

- Designed for superior R-410A efficiency and
- Light compact design with smaller suction fitting
- Features advanced scroll temperature protection to guard from the scroll overheating
- Unmatched reliability

#### **Uneven Tandem, Three Phase**

- Reduced compressor on/off cycling
- Higher part-load efficiency
- Better system performance
- Unmatched reliability

#### Rotary Compressors



**Tecumseh** high efficiency rotary compressors provide enhanced reliability, reduced sound and maximum flexibility with vertical and horizontal installation options for air conditioning and refrigeration applications.



#### **RK, Single Phase**

- 5,000 to 13,000 BTU/h
- Efficient and reliable rotary mechanism
- Low noise level
- Integrated accumulator
- Three-point mounting

#### **HG**, Single Phase

- 5,000 to 13,000 BTU/h
- Efficient and reliable rotary mechanism
- Low-profile horizontal design
- Low noise level
- Integrated accumulator



**PARTS** 



#### **Rotary Compressors**



**LG Compressors** provide meaningful and differentiated values to customers sustainability by achieving the world class eco-friendly & energy saving technologies.





#### QJ, Single Phase

- Reduced compressor on/off cycling
- Higher part-load efficiency
- Better system performance
- Unmatched reliability

#### **QA, Single Phase**

- Designed for superior R-410A efficiency and performance
- Light compact design with smaller suction fitting
- Features advanced scroll temperature protection to guard from the scroll overheating
- Unmatched reliability

#### Hermetic Compressors



Bristol Compressors International, LLC is committed to environmentally conscious, energy-efficient products with ozonefriendly refrigerant compressors that use fixed- and variable-frequency drive configurations.





#### **H22J Model, Single & Three Phase**

- High efficiency
- Low sound
- Solder suction fittings: 90° elbow
- Solder discharge fittings: straight

#### **H2BG Model, Three Phase**

- Reliable design
- Low compressor height
- Solder suction fittings: straight
- Solder discharge fittings: straight

**PARTS** 

# Service Tools

\*Availability varies by location, please call your local store.







#### **4 Piece Heavy-Duty Nut Driver Set**

• Through-handle, full-hollow shaft for torquing hex nuts onto threaded rod of any length

**ALL** 

**ITEMS IN** 

**STOCK** 

- Wrench-assist for additional torque
- Rare Earth magnetic tip holds nut in place while fastening
- Heavy duty handles and shafts exceed torque performance of regular nut drivers
- Includes 1/4", 5/16", 3/8" and 7/16" hex sizes



#### Mini Cushion-Grip Screwdriver Set

- Includes one Phillips-tip, one keystone-tip, and two cabinet-tip screwdrivers
- Tip-Ident® quickly identifies the type of screwdriver and tip orientation
- Precision tips for an exact fit and rigorous applications
- Premium chrome-plated shafts for corrosion resistance



#### **Tradesman Pro™ Backpack**

- 39 pockets for tons of tool storage
- Hard, molded front pocket protects safety glasses
- Front zipper pocket for small parts and tools
- Taller bag and interior pockets allow for long screwdrivers
- Fully molded bottom protects from the elements
- 1680d ballistic weave for durability
- Shoulder straps with extra padding and handles for easy carrying



#### **600A AC Clamp Meter with Temperature**

- 600V AC Current, 600V AC Voltage, 600V DC Voltage
- Measures temperature, frequency, and capacitance
- 40MΩ Resistance Range, 100kHz Frequency, 100μF Capacitance
- -4 to 1832°F Temperature Range (-20° C to 1000° C)



# Cleaners & Chemicals

**ALL ITEMS IN** STOCK

\*Availability varies by location, please call your local store.



**Nu-Calgon** specializes in chemical products for the HVAC/R aftermarket and has been an industry leader for over 70 years. The complete line of products include coil cleaners, leak sealants, air purifiers and refrigeration oils, water treatment, ice machine maintenance, and other specialty applications.



Gas Leak **Detectors** 



Condenser **Cleaners** 



Insulation **Products** 



Refrigeration & VP Oils





**Total System Protection** 

# Steel Braided Hoses & Accessories







#### **CUSTOM SIZES AVAILABLE**

#### **Fire Retardant Hoses**

- Fixed end x Swivel end with JIC MNPT
- Fire rated to meet local building codes
- Inner tube is EPTF white santoprene with UL-94 VO fire rating
- Outer braid is 302/304 stainless steel wire
- Temperature range -40°F to 212°F (-40° C to 100° C)
- **Application**: for use with water source heat pumps and fan coils
- Water supply and condensate applications



- Supply line has combination ball valve & Y-strainer with full port shut-off
- Return line has combination flow controller & ball valve with two ports
- Fire rated to meet local building codes
- Inner tube is EPTF white santoprene with UL-94 VO fire rating
- Outer braid is 302/304 stainless steel wire
- **Application:** for use with water source heat pumps and fan coils
- Water supply and condensate applications



#### **Push to Connect (PTC) Assemblies**

- 1/2" (5/8" OD) & 3/4" (7/8" OD) CTS tube connection
- Tube conforms to ASSE 1061 & IAPMO listed
- Working pressure up to 200 psi
- Temperature range 0°F to 200°F (-17.78° C to 93.33° C)
- Inner tube is EPTF white santoprene with UL-94 VO fire rating
- Approved tubing: ASTM B88 tube types K, L, M drawn copper tube and annealed copper tube, CPVC water tube per ASTM D2846-2846M-90
- Standard hose lengths: 12", 18", 24", 36" and custom: 6" minimum with 1" increments
- Minimum bend radius: 2.5"





# QUICK-SLING®



Quick-Sling, LLC by DiversiTech Corp., a leading manufacturer and supplier of HVAC/R parts and accessories. The company provides wholesalers and contractors with greater accessibility to this suite of products that makes installation of air handlers and furnaces guicker, more affordable, more reliable and safer.





#### Mini Split Wall Bracket, **QSWB1000**

- Mounted outdoor wall hanger
- 11-gauge square steel tubing
- 4 points of anti-vibration isolation
- Galvanized hardware with 50 derometer rubber washers
- 500 lbs max capacity
- Mounting shelf is 26" in depth and pre-slotted to quickly mount units

#### Flush Mount with H Bracket, **QSWI3000**

- Mounts parallel or across joists at 16" or 24" on center
- Allows for 360 unit rotation
- Direct flow of heat for maximum efficiency
- Safety locks into place after installation
- 200 lbs max capacity
- Includes all necessary hardware
- U.S. patent No. 9,103,486



Quick-Sling offers a 2-year warranty on steel and workmanship; Quick-Sling products are coated in accordance with ASTM D3451-06



\*Availability varies by location, please call your local store.





#### **Features:**

- R-22 and R-134A available in 30 and 125 lbs cylinders
- R-410A available in 25 lbs cylinders

Refrigerant	Capacity (lbs)
R-134A	30
R-22	30
R-410A	25







# **PARTS**

# bluon

**Bluon, Inc.** is a fast-growing company with a mission to provide practical solutions for the post R-22 world.









#### TdX 20 (R-458A)

- Average 15% energy savings vs R-22 (up to 25%)
- Virtually identical capacity to R-22 (+/- 3%)
- No oil change required, works with POE & MO
- Operates at lower pressures and temperatures
- Reduces vibration and boosts stability
- ASHRAE & EPA approved, warranty protected

# Thermostats

\*Availability varies by location, please call your local store.



# Honeywell

Honeywell T Series thermostats have the features you need for comfort and energy savings. All feature Honeywell's engineering excellence that's delivered comfort and efficiency for more than 100 years, and all are backed by a 5-year warranty for peace of mind.



#### **T6 Pro Z-Wave**

- Large, modern and intuitive touchscreen display
- Easy wiring with the UWP mounting system
- Seamless homeowner hand-off, letting you move on to your next project



#### Lyric T6 Pro Wi-Fi

- ENERGY STAR Certified
- Wi-Fi touchscreen
- Optional dual fuel and ventilation
- Flexible scheduling or geofence technology



#### T6 Pro

- Push-button programmable
- Optional dual fuel
- Flexible scheduling



#### **T6 Pro Hydronic**

- Can be used to control air and floor temperature or both
- Flexible A/AF/F control capabilities



#### T4 Pro

- Push-button programmable
- Flexible scheduling



#### T1 Pro

- Non-programmable
- Available in both 1H/1C (heat and cool models) and 1H or 1C only model





# **R**ecobee

**Ecobee** makes Wi-Fi enabled smart thermostats for residential and commercial applications that helps you maximize comfort and savings without compromising your lifestyle.

#### **Product**

#### **Description (visit ecobee.com/pro for full tech specs)**

#### ecobee **SmartThermostat Pro** with voice control EB-STATE5PC-01

- 7-day programmable Humidity sensing
- Full colour LCD touchscreen display
- Wi-Fi enabled (2.4/5GHz)
- Remote management
- Bluetooth 5.0 and Spotify enabled
- Comes with an ecobee SmartSensor
- Alexa built-in and far-field voice recognition
- Works with Apple HomeKit, Google Assistant, Samsung SmartThings, and IFTTT

- Comes with a Power Extender Kit (PEK) to simplify 4-wire installs
- Works with gas, oil, electric, dual fuel, forced air HVAC systems • Conventional (2H/2C); Heat
- Pump (4H/2C)
- Supports most accessories • 5-year pro install warranty



#### ecobee3 lite Pro EB-STATE3LTPC-02

- 7-day programmable
- Humidity sensing Full colour LCD touchscreen display
- Wi-Fi enabled
- Remote management
- Works with ecobee SmartSensor
- Apple HomeKit, Google Assistant, Samsung SmartThings, and IFTTT
- Comes with a Power Extender Kit (PEK) to simplify 4-wire installs
- · Works with gas, oil, electric, dual fuel, forced air HVAC systems
- Conventional (2H/2C); Heat Pump (4H/2C)
- Works with Amazon Alexa, Supports most accessories
  - 5-year pro install warranty



#### **EMS Si Thermostat** EB-EMSSi-01

- Designed for commercial applications
- 7-day programmable
- Full colour display with push button control
- Wi-Fi enabled
- 2 wired remote sensor inputs
- 3H/2C
- 3-year warranty



#### SmartSensor 2 Pack EB-RSHM2PKC-01

- 2 wireless sensors to measure temperature and detect room occupancy
- Compatible with ecobee SmartThermostat Pro with voice control, ecobee4 Pro, ecobee3 lite Pro, and ecobee3 Pro
- Comes with detachable stands, wall mounting brackets, and adhesive to maximize placement



# Electrical

\*Availability varies by location, please call your local store.



# **Wiring**PRO®







- Electrical interconnect devices accommodating wire sizes from 22 AWG through 4/0 AWG
- Heavy duty copper lugs and connectors that vary in size from 6 AWG to 250 MCM
- High temperature terminals and special adapters for extreme or sensitive environments
- Nylon cable ties for tying or bundling wires and cables or securing devices of any kind
- Specialty items for routing, identifying and insulating cables and protecting wires from abrasion
- Heat shrinkable tubing that provides insulation, sealing, strain relief and mechanical protection
- New generation of heat shrinkable terminals with sealing technology to protect against environmental problems
- Broad range of application tools and accessories for quick and reliable installations





# **ALLTEMP** a **Diversitech** company

Alltemp, a DiversiTech Corp., is a leading distributor of HVAC/R components, well known for their Rotom brand of motors. As a DiversiTech company, order placements and fulfillment is convenient and easy because of their unique ability to manufacture and master distribute products across targeted channel segments.



**High Limit** 



**High Pressure Switches** 



**Capacitor** 



**Thermostat Cover** 



**Condensate Pump** 



**Disconnect** 



**Contactors** 



Freeze stat



**Access Fitting** 

# Valves

\*Availability varies by location, please call your local store.





**Belimo** – Valves, Valve Actuators, Damper Actuators and Sensors with local Technical Support available, quick delivery and 5 Year warranty.



**Zone Valves** 



**CCV Valves** 



**Damper Actuators** 



**Sensors** 





# Fan Coil Parts

**ALL ITEMS IN STOCK** 

\*Availability varies by location, please call your local store.



# Honeywell

Water valves, water regulating valves, flared fittings, hose adapters, valve bodies, valve actuators, as well as freeze stats, and aqua stats are always in stock.



**Aqua Stats** 

• 3 wire thermostat switch



**Aqua Stats** 

• 2 wire thermostat switch



**Actuators** 

- 24 volt
- 120 volt



799 Motor

- OEM aftermarket options
- ECM upgrades



**Valve Actuator** 

- 24 volt
- 120 volt



**Valve Body** 

- 2 way
- 3 way



#### **Benefits of a new Aurum Retrofit**

With standard, and customizable sizing, Aurum Manufacturing's new fan coil replacement chassis is suitable for almost every high-rise built within the last 50+ years. New Aurum Retrofits are designed to meet and exceed operations of previous fan coil systems by:

- Increasing the airflow in your home
- Increasing energy efficiency in fan coil operations
- Coming equipped with features that increase chance of detecting floods from overflows in drain pan
- Enhancing and creating optimal comfort in your home
- Reducing operation noise
- Lowering fan coil energy consumption
- Decreased air pressure drops with new coil
- Larger surface area of coil

DIMENSIONAL DATA AURUM MANUFACTURING										
Aurum Model	Length	Width	Height							
BTR350Z/DTR350Z BTR450Z/DTR450Z BTR600Z/DTR600Z	15"	13.75"	23.75"							
BTR800Z/DTR800Z	16.5"	13.75"	25.5"							
BTR600ZW/DTR600ZW BTR800ZW/DTR800ZW BTR1000ZW/DTR1000ZW	16.5"	17.75"	25.5"							
CFC600Z/CFC800Z CFC1000Z/CFC1200Z	20"	20"	50"							

**Blow Through Retrofit Chassis** (BTR Series)



**Chassis (DTR Series)** 

**Draw Through Retrofit** 



**Closet Fan Coil Retrofit Chassis** (CFC Series)



		PERF	ORMANCE	DATA AU	RUM M <i>P</i>	ANUFACTURING			
Aurum Model	Total ACFM	GPM Req.	Air Dry Bulb	Air Wet Bulb	% RH	Entering Water Temp	Standard Air Velo	Total SCFM	Total BTUH
BTR350Z DTR350Z	375	1.5	80	67	51.1	45	378	361	11037
BTR450Z DTR450Z	450	2	80	67	51.1	45	454	433	13213
BTR600 DTR600Z	625	3	80	67	51.1	45	433	602	18232
BTR800Z DTR800Z	825	3	80	67	51.1	45	508	794	24733
BTR1000ZW DTR1000ZW	1000	3.5	80	67	51.1	45	474	963	31202
CFC600ZW	600	3	80	67	51.1	45	433	602	18232
CFC800ZW	800	3.5	80	67	51.1	45	508	794	24733
CFC1000ZW	1000	5	80	67	51.1	45	474	963	31202
CFC1200ZW	1200	6	80	67	51.1	45	452	1207	36271





# **UVC** Lighting

ALL ITEMS IN STOCK

\*Availability varies by location, please call your local store.



UVDI designs and manufactures proven Ultraviolet Indoor Air Quality technology in California, applying over 70 years of family craftsmanship and care. UVDI's proven UV-C Indoor Air Quality technology is installed in over 10,000 commercial facilities worldwide for advanced air disinfection, air purification and coil cleaning.

#### **UV-C Air Disinfection & Coil Cleaning**



#### V-MAX<sup>TM</sup>

- Designed for in-duct use
- Prewired lamp connection reduced installation time
- Low power consumption with universal voltage
- Available in 21", 33", 48" and 61" lamps



#### V-MAX™ Grid

- Designed for installation in the Air Handling Unit
- Easy to install in existing and new equipment
- Scalable design to meet any plenum size
- Lamps can be easily mounted on vertical supports
- Ballast is designed to easily mount in vertical support strut
- Negligible pressure drop
- Low power consumption with universal voltage
- Available in 21", 33", 48" and 61" lamps



#### V-MOD®

- Modular design for a range of Air Handling Units
- Patented "plug-n-play" design for ease of installation in both existing and new equipment
- Reduces operating costs: both lowers energy costs and minimizes costly maintenance
- Flexible for use inside access systems
- Replaces potentially dangerous alternative cleaning methods
- Maintains HVAC system capacity

#### **UV-C Air Purification**



#### **V-PAC®** System

- Designed for large Commercial HVAC systems
- 99.9% elimination of SARS-CoV-2 using proven UVDI V-MAX™ technology
- Air purification and contaminant removal
- Reduction of smoke and odors with advanced PCO technology
- Continuously increased air flow for better air movement



#### V-PAC® PRO

- Flexible installation outside of the HVAC system
- 99.9% elimination of SARS-CoV-2 using proven UVDI V-MAX™ Technology
- Air purification and contaminant removal
- Reduction of smoke and odors with advanced PCO technology
- Continuously increased air flow for better air movement
- Chemical-free; does not produce ozone
- Reduces energy costs: reduces make-up air requirements for dilution and has low power consumption



#### V-PAC® SC

- Powerful, portable air purification
- 99% elimination of viruses proven in independent laboratory testing
- 93%+ elimination of bacteria
- 99%+ elimination of air particulates and contaminants
- 90%+ reduction of TVOCs
- Safe for use in occupied settings: does not produce ozone or any harmful contaminants







# Belts

ALL **ITEMS IN** STOCK

\*Availability varies by location, please call your local store.



Gates Corporation is a leading manufacturer of application-specific fluid power and power transmission solutions. Gates is driven to push the boundaries of material science to engineer products that continuously exceed expectations.











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GENERAL





## **HTS** PARTS & **AFTERMARKET**

Thank you for showing interest in the HTS Parts & Aftermarket department!

HTS Parts & Aftermarket have been working hard to deliver the best HVAC parts customer service in the city. We have access to the widest variety of HVAC parts and equipment. Stop by HTS Parts & Aftermarket - we will make sure you get what you need to get the job done right. Please see below list of critical parts we stock, along with list of HVAC brand we supply.

#### **Critical Parts:**

- Coils
- Compressors
- Filters
- Control boards
- Thermostats
- Sensors
- Belts
- Bearings
- Sheaves
- Motors
- Capacitors
- Contactors
- Fuses
- Transformers
- Disconnects
- Fan Wheels
- Actuators
- Valves
- Hoses
- Vibration Isolation

#### Air Handling/ **Ventilation:**

- Daikin/McQuay

- Acoustiflo
- Addison
- Aermec
- ClimaCool
- Airedale
- Epsilon

- Halton
- Innovent
- Plasticair

- Tempeff
- United Cool Air

- Loren Cook
- Herman Nelson
- IEC Fan Coils

- Fantech
- Filtrine
- HAAKON

- Refplus
- Tecogen

#### **Heating:**

- Schwank
- Modine
- Heatcraft
- Sigma
- Viessmann

#### **Water Source Heat** Pumps:

- Daikin/McQuay
- Omega

#### PTAC's/Self Contained **Units:**

- Applied Comfort
- Napoleon

#### **Humidification:**

Dristeem

#### **Controls:**

- Alerton
- TSI Controls
- Honeywell
- Ecobee
- Belimo

#### VFD's:

- Danfoss
- ABB

#### **Other Products:**

- Kinetics Noise Control

AAF Filters

- Lakos Separators
- Biddle Air Curtains
- Ercon
- Enershield
- Snyder General
- Singer
- Ductsox
- Chutes
- A.O. Smith
- Johnson Controls
- Copeland
- Tecumseh
- Erie Bristol

Compressors

UVDI

#### **Hot Water Tanks:**

PVI

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#### **North York**

555 Oakdale Rd., Unit A Toronto, ON M3N 1W7

#### Store Hours:

Mon - Fri, 7:00 a.m. - 5:00 p.m.

#### Contact Information

(416) 642-9799



#### **Etobicoke**

1571 The Queensway Etobicoke, ON M8Z 1T8

#### Store Hours:

Mon - Fri, 7:30 a.m. - 5:00 p.m.

#### Contact Information:

(416) 642-0176



#### Scarborough

150 Milner Ave, Unit 15 Scarborough, ON M1S 3R3

#### Store Hours:

Mon - Fri, 7:30 a.m. - 5:00 p.m.

#### Contact Information:

(416) 642-2625



#### **Ottawa**

830 Campbell Ave, Unit 101 Ottawa, ON K2A 2C2

#### Store Hours:

Mon - Fri, 7:30 a.m. - 4:30 p.m.

#### Contact Information

(613) 728-7400



#### London

320 Neptune Crescent London, ON N6M 1A1

Contact Information

#### Store Hours:

Mon - Fri, 8:00 a.m. - 4:00 p.m.

(519) 457-1288



GENERAL

