HTS New York is a premier HVAC equipment integrator in the New York region. This is a significant achievement given that NYC has more existing building square footage than the next five largest U.S. cities combined. We are problem solvers and operate with unparalleled customer service and support for the dozens of manufacturers we proudly represent.

We focus on numerous vertical markets including healthcare, laboratories, heat recovery technologies, luxury, and hospitality high-rise construction. In addition to a parts department and customizable equipment, we offer competitive pricing and the best trained staff and are dedicated to finding timely solutions for your project.

We also provide installation and commissioning options including a range of service packages by, and to, the specifications of the represented manufacturer. Our expertise gives us a leg up on the competition, particularly since we have the knowledge to produce different designs and technologies to deliver exactly what the clients wants.

OUR PROMISE
HTS New York is 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
Let us show you how we can make your project a success. Give us a call us at (516) 747-9477
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.

**Omega 816 (Climate Master Replacement)**
- ¾ ton - 2 ton
- Direct replacement for Climate Master 816 units
- New updated controls make for any easy retrofit

**HCA Series (McQuay Replacement)**
- ¾ ton - 2 ton
- Replacement for McQuay HCA units
- Simple drop-in replacement unit with added feature of modern microprocessor control capabilities

**VF Series (Low Noise Quality)**
- ¾ ton - 2 ton
- Replacement for the Singer/McQuay series VF/VP/VG units
- Simple drop-in replacement unit with added feature of modern microprocessor control capabilities

**HRP Series**
- ¾ ton - 2.5 ton
- R-410A refrigerant
- Easy installation
- Direct slide-in replacement for Enerzone

**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.

**NYC Series**
- NY standard 16x42” sleeve
- Top coil/sub base coil designs
- Hydronic & electric heat options
- Flat top & sloped top

**Series 16/AAF/PNES Replacement**
- Standard 16” sleeve
- Hydronic & electric heat designs
- Electronic touchpad
- Series 45 PTAC conversion available

**EA Series**
- 16-3/8” sleeve
- AC only with electric heat & hydronic options
- Electronic & mechanical controls

**RM/RK/CM/SC Series**
- Standard 16” sleeve
- Hydronic, heat pump & AC only with electric heat backup options
- Mechanical control options
*Electronic controls on specific chassis

**K Series**
- 3 piece replacement: collar, chassis & controls
- AC only with electric heat & hydronic options
- Electronic touchpad

**Calm 42 Series**
- Standard 16x42” sleeve
- AC only with electric heat & heat pump options
- Inverter technology available
- Hotel leading design standard

Full line of replacement parts available for: Islandaire, McQuay, Ice-Cap, Sing, AAF, RetroAire & more!
Islandaire designs and manufactures a full complement of high quality through-the-wall replacement air conditioners and heat pumps, vertical units, fan coils, water source heat pumps, and gas units.

**EZ NY Series**
- NY standard 16x42” sleeve
- Top coil/subbase coil designs
- Hydronic & electric heat options
- Flat top

**EZ 16/45 Series**
- Standard 16” sleeve
- Hydronic & electric heat designs
- Electronic touchpad
- AAF/PNES replacement

**EZ CM/RM/FM/RK Series**
- Standard 16” sleeve
- Hydronic, heat pump & AC only with electric heat backup options
- Mechanical control options
  *Electronic controls on specific chassis

**EZ 42 Series**
- Standard 16x42” sleeve
- AC only with electric heat & heat pump options
- Hotel leading design standard

Applied Environmental Air (AE-Air) is a leader, innovator and trusted manufacturer of air-handlers and fan coils. AE-Air provides flexible application solutions for your commercial, industrial and institutional heating, ventilating and air conditioning needs.

**Horizontal/Vertical Belt Drive**
- R22 & 410A
- 4 & 6 row coil options
- 800-8000 CFM

**Console Fan Coil**
- 300-1200 CFM
- Concealed, sloped top, flat top & recessed options

**Cased & Uncased Fan Coil**
- 300-1300 CFM
- Concealed, concealed with plenum, recessed & exposed options

**Vertical Water Source Heat Pump**
- 18,000 BTU-90,000 BTU

**Vertical Hi Rise Fan Coil**
- Configurable air arrangements
- 300-1200 CFM
Sigma Corporation is a manufacturer of commercial and industrial HVAC equipment including wallfin, convector, 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.

**Sigma Corporation**

**GeoComfort Geothermal Systems** are manufactured by Enertech Global and proudly built in the Heart of America – Mitchell, SD. GeoComfort is committed to improved home and building comfort, the highest energy-efficiencies, and the most comprehensive testing for reliability.

**ZS/ZT Compact Horizontal Packaged Heat Pump**
- 0.5 - 6 tons
- Up to 29.6 EER / 4.4 COP
- Voltages: 208-230/60/1, 208-230/60/3, 265/60/1, 460/60/3

**YT Vertical Packaged Heat Pump**
- 2 - 6 tons
- Up to 31.3 EER / 5.1 COP
- Voltages: 208-230/60/1, 280-230/60/3, 460/60/3

**VS/VT Compact Vertical Packaged Heat Pump**
- 0.5 - 6 tons
- Up to 28.3 EER / 4.3 COP
- Voltages: 208-230/60/1, 208-230/60/3, 265/60/1, 460/60/3, 575/60/3, 115/60/1

**ELV Large Vertical Water-to-Air Heat Pump**
- 7 - 25 tons
- Up to 21.4 EER / 5.1 COP
- Voltages: 208-230/60/3, 460/60/3, 575/60/3

**WT Two-Stage Water-to-Water Heat Pump**
- 3 - 12 tons
- Up to 20.6 EER / 3.1 COP
- Voltages: 208-230/60/1, 208-230/60/3, 460/60/3

**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 louveres 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

**ZS/ZT Compact Horizontal Packaged Heat Pump**
- 0.5 - 6 tons
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- Voltages: 208-230/60/1, 208-230/60/3, 265/60/1, 460/60/3

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- Voltages: 208-230/60/1, 208-230/60/3, 460/60/3
Lennox is a leading provider of high-efficiency packaged rooftop units, VRF systems, split systems, HVAC controls, furnaces, and indoor air quality products.

## MINI SPLIT SINGLE-ZONE

<table>
<thead>
<tr>
<th>SERIES</th>
<th>UNIT INFORMATION</th>
<th>NOMINAL CAPACITY (BTU)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>9,000 (115v)</td>
</tr>
<tr>
<td>MP</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>17-24.5 SEER</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Heating &amp; Cooling</td>
<td>✓</td>
</tr>
<tr>
<td>ML</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>20-24 SEER</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Heating &amp; Cooling Low Ambient</td>
<td>✓</td>
</tr>
</tbody>
</table>

### MINI SPLIT MULTI-ZONE

<table>
<thead>
<tr>
<th>OUTDOOR UNIT</th>
<th>INDOOR UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP Series</td>
<td></td>
</tr>
<tr>
<td>ML Series (Low Ambient)</td>
<td></td>
</tr>
</tbody>
</table>

#### Wall-Mounted
- 9,000 BTU: ✓
- 12,000 BTU: ✓
- 18,000 BTU: ✓
- 24,000 BTU: ✓

#### Cassette
- 9,000 BTU: ✓
- 12,000 BTU: ✓
- 18,000 BTU: ✓
- 24,000 BTU: ✓

#### Slim Duct
- 9,000 BTU: ✓
- 12,000 BTU: ✓
- 18,000 BTU: ✓
- 24,000 BTU: ✓

#### Ceiling/Floor
- 18,000 BTU: ✓
- 24,000 BTU: ✓
## Variable Refrig errant Flow (VRF) & Mini Split

### VRF Indoor

<table>
<thead>
<tr>
<th>STYLE</th>
<th>NOMINAL COOLING CAPACITY (BTU)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7,000</td>
</tr>
<tr>
<td>VWMB</td>
<td>✔</td>
</tr>
<tr>
<td>Wall Mounted</td>
<td>✔</td>
</tr>
<tr>
<td>V22B Compact 2’x2’ Cassette</td>
<td>✔</td>
</tr>
<tr>
<td>V33B 3’x3’ Cassette</td>
<td>✔</td>
</tr>
<tr>
<td>VCFB</td>
<td>✔</td>
</tr>
<tr>
<td>Floor/Ceiling</td>
<td>✔</td>
</tr>
<tr>
<td>VHHB</td>
<td>✔</td>
</tr>
<tr>
<td>High Static Ducted</td>
<td>✔</td>
</tr>
<tr>
<td>VMDB</td>
<td>✔</td>
</tr>
<tr>
<td>Medium Static Ducted</td>
<td>✔</td>
</tr>
<tr>
<td>VVCB</td>
<td>✔</td>
</tr>
<tr>
<td>Vertical Air</td>
<td>✔</td>
</tr>
</tbody>
</table>

### Controllers

- **Programmable Wired Controller**
- **Simple Wired Controller**
- **Wireless Remote Controller**

### Low Ambient Models

- **Mini-VRF**
  - 36,000 BTU - 60,000 BTU
  - 208-230V Single-Phase
- **Heat Pump (VRB)**
  - 72,000 BTU - 480,000 BTU
  - 208-230V & 460V Single & Multi
- **Heat Recovery (VPB)**
  - 72,000 BTU - 356,000 BTU
  - 208-230V & 460V Single & Multi
- **Heat Pump (VRA)**
  - 72,000 BTU - 336,000 BTU
  - 208-230V & 460V Single & Multi
- **Heat Recovery (VPA)**
  - 72,000 BTU - 336,000 BTU
  - 208-230V & 460V Single & Multi

### 2-Port Mode
- Selection Box
- **4-Port Mode**
- Selection Box
- **6-Port Mode**
- Selection Box
- **8-Port Mode**
- Selection Port
- **10-Port Mode**
- Selection Port
- **12-Port Mode**
- Selection Port
Valent: Manufactures premium-quality, high-percentage outdoor air, energy-efficient packaged rooftop ventilators. Constructed with superior features to reduce energy consumption, increase control over occupant comfort, and lengthen service life.

Innovent: Custom manufacturer of commercial/industrial energy recovery equipment for the HVAC marketplace. Every product they manufacture—from standard to custom—reflects their commitment to providing solutions that deliver superior design, functionality, and value.

Haakon Industries: Custom air handling units (AHUs) and custom manufacturing gives the ability to design the perfect AHU for each project. Advanced drafting capability allows quick turnaround for CAD drawings on the most complicated designs.

We provide parts for Valent, Innovent, and Haakon AHUs!
Thermotech Enterprises, Inc. is the industry leader in the manufacturing and installation of energy recovery wheels, heat wheels, enthalpy wheels, sensible wheels and energy recovery wheel replacement systems.

Thermowheel TR
Designed for replacing existing heat recovery wheels. Direct replacement for Berner, Cargocaire, SEMCO, Regenerative Heat Corp, Enreco, Governair, Flakt, Wing, Carnes, Heat Recovery Corp, Munters and more.

- High Strength Aluminum Rotor
- Flat Design, Apposed to Large Wheels
- Variable or Constant Speed Drive
- Gravity Tension, Belt Drive Motor or Direct Drive
- Low Maintenance
- Low Cost Per Life Cycle
- Eliminates Wheel Failures
- 25 Year Minimum Design Life

REPLACEMENT, REPAIR, RETROITS, AND RETROFIT APPLICATIONS

Q-PAC has been an industry leading ECM fan array solution for over 5 years, bringing ECM fans to the retrofit and air handling unit market. The Q-PAC fan arrays are ideal for fan replacement as well as new applications in both commercial and industrial applications. The advanced system also has less required maintenance as compared to other products and cuts down on installation time with hand carry fans.

CUT COSTS
ADD REDUNDANCY
QUIET TECHNOLOGY
CUT INSTALL TIME IN HALF

Turn-Key Proposal
Complete catalog of new and replacement coils:

- Condenser
- Hot Water
- Chilled Water
- DX
- Glycol
- Booster
- Cased & Uncased
- Heating & Cooling

BioZone specializes in UV CoilCare technology with chemical-free solutions for cleaning and maintaining HVAC equipment. Perfect for air handling units of any size; pre-wired for plug & play installation.

BioZone UV technology is proven to:

- Eliminate 99.9% of microbial bacteria and fungi
- Improve heat transfer up to 50%
- Improve pressure drop up to 50%
- Improve Delta T as much as 35%

EASY INSTALLATION
LOW MAINTENANCE
NEVER CLEAN YOUR COILS AGAIN
IMPROVED INDOOR AIR QUALITY
LONG-TERM HEALTH BENEFITS
ENERGY SAVINGS
INSTALLS IN MINUTES
IMMEDIATE ROI

Successful applications in:
Hospitals, Commercial Offices, Residence, Schools, & more!
### MOTORS

**Baldor**

#### 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

#### Scroll Compressors
- **Copeland Compressors** are trusted by HVAC/R professionals worldwide for efficient, reliable performance, and breakthrough innovation.

#### ZP, Single & Three 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

#### 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
LG Compressors provide meaningful and differentiated values to customers sustainability by achieving the world class eco-friendly and 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 ozone-friendly 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

**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 UL94 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”

**Fire Retardant Hoses**
- Fixed end x Swivel end with JIC MNPT adapter
- Fire rated to meet local building codes
- Inner tube is EPTF - white santoprene with UL94 VO fire rating
- Outer braid is 302/304 stainless steel wire
- Temperature range -40°F to 212°F (-40° C to 100° C)
- Water supply and condensate applications
- Application: for use with water source heat pumps and fan coils

**Fire Retardant Hose Kits**
- Supply line has combination ball valve & Ystrainer 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 UL94 VO fire rating
- Outer braid is 302/304 stainless steel wire
- Water supply and condensate applications
- Application: for use with water source heat pumps and fan coils

**DuraMAX Steel Braided Hose & Fittings**
- 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 UL94 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
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**Steel Braided Hose & Fittings**
- 1/2” (5/8” OD) & 3/4” (7/8” OD) CTS tube connection
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- Standard hose lengths: 12”, 18”, 24”, 36” and custom: 6” minimum with 1” increments
- Minimum bend radius: 2.5”
### NEW YORK PARTS DEPARTMENT

#### WARRANTY AND REPLACEMENT PARTS
for every manufacturer we proudly represent.

**EMAIL US AT PARTS.NY@HTS.COM**

#### FACTORY AUTHORIZED
service and technical support

**EMAIL US AT SERVICE.NY@HTS.COM**

<table>
<thead>
<tr>
<th>LINECARD</th>
</tr>
</thead>
</table>
| **Custom & Modular Air Handling Systems**
  - Low Casing Leakage, High Thermal Performance
  - Unique Footprint
  - Sound Sensitive Applications
  - Desiccant Dehumidification
  - Energy Recovery Units

| **Packaged DX Systems**
  - Air Cooled, Water Cooled, Evaporative Cooled
  - 100% Outside Air DX Applications
  - High Efficiency, Energy Star Qualified RTU's
  - Individual 15HP Compressor Circuits
  - Energy Recovery Units
  - Natatorium Dehumidification

| **Residential, Hotel, & Commercial Unitary Products**
  - Vertical Stacked Heat Pumps
  - VRF Heat Pump / Heat Recovery Systems
  - Fan Coil Systems
  - Valence Systems (Dormitories)
  - Horizontal Heat Pumps
  - Sound Sensitive Installations
  - Humidification and Evaporative Cooling Systems

| **Pre-Packaged Chiller, Boiler, & Condenser Water Plants**
  - Turn Key, Single Source Solutions
  - Integration of Preferred Equipment Manufacturers
  - Custom Design & Integration

| **Modular Chiller Solutions**
  - Water Cooled or Air Cooled
  - Free Cooling Modules
  - Integral Pumping Packages

| **Energy Recovery & Fan Solutions**
  - Heat Pipes, Energy Recovery Wheels, Fixed Plates
  - EC Fan Array & Low Sound (Acoustic) Fan Solutions
  - High Plume Dilution Nozzles & Laboratory Exhaust Systems

| **Humidification Solutions**
  - Reduce Capital Costs
  - High Pressure Atomizing Systems
  - Optimize Efficiency
  - Evaporative Cooling Systems

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### Modular Chiller Solutions

**EMAIL US AT PARTS.NY@HTS.COM**

**EMAIL US AT SERVICE.NY@HTS.COM**