Daikin

Applied Products
www.daikinapplied.com
(Formerly McQuay)

Chillers
- Magnetic Centrifugal 125 - 1,500 tons
- Centrifugal 200 - 2,700 tons
- Water Cooled Scrolls 30 - 200 tons
- Water Cooled Screws 120 - 300 tons
- Heat Recovery 500 - 2,400 tons
- Air Cooled Screw 175 - 550 tons
- Air Cooled Scroll 10 - 240 tons

Air Handling, Modular
- Vision Indoor 700 - 120,000 tons
- Rooftop 2,000 - 60,000 tons
- Destiny Indoor 600 - 15,000 tons

Rooftop Units
- 18 - 150 tons, semi-custom modular construction
- VAV, constant volume, evaporative condensing
- 3 - 75 tons, standard packaged, constant volume, VAV
- 100% O.A. with energy recovery
- Rebel variable speed compressor, 3 - 28 tons

Coils
- 5, 10 & 28-day quick ship
- Chilled water, hot water, DX, steam

Vertical Self-Contained
- 15 - 135 tons VAV, constant volume, free cooling

Air Cooled Condensing Unit
- 6 - 140 tons

Air Cooled Condensers
- 5 - 140 tons

Fan Coils
- Horizontal Direct Drive 200 - 2,000 CFM
- Horizontal Belt Drive 800 - 3,000 CFM
- Console 200 - 1,200 CFM
- Vertical Stacked 300 - 1,200 CFM

Water Source Heat Pumps
- Horizontal 0.50 - 10.0 tons
- Vertical 0.50 - 25.0 tons
- Console 0.75 - 1.5 tons
- Rooftop 3.00 - 35.0 tons
- Water-to-Water 3.00 - 25.0 tons
- Smartsource Variable Speed Compressors 1.00 - 25.0 tons

Classroom Unit Ventilators
- Floor Mounted 750 - 1,500 CFM
- Ceiling Mounted 750 - 2,000 CFM
- Self Contained Cooling or WSHP formerly Herman-Nelson/AAF

Variable Refrigerant Volume Systems

Air-Cooled
- 3 - 34 ton heat pump systems
- 6 - 38 ton heat recovery systems
- Up to 84 indoor units per systems
- Cold climate models with low ambient heating down to -30°C

Water-Cooled
- 8 - 36 ton heat pump and heat recovery systems

Mini Split Systems
- 0.5 - 3.5 tons low ambient cooling
- Low ambient cooling option (down to -40°C)

Multi-Split Systems
- 1 - 3 ton heat pump systems
- Up to 4 connections

Fresh Air Solutions
- 300 - 1200 CFM energy recovery ventilators
- 1 - 16 ton AHU integration kits
<table>
<thead>
<tr>
<th><strong>Air Filters</strong></th>
<th><strong>Actuators and Control Valves</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• HEPA, Panel, Bag</td>
<td><a href="http://www.belimo.ca">www.belimo.ca</a></td>
</tr>
<tr>
<td><strong>HVAC Cooling &amp; Heating</strong></td>
<td><strong>Bell &amp; Gossett</strong></td>
</tr>
<tr>
<td>• Packaged rooftop units</td>
<td>• Pumps</td>
</tr>
<tr>
<td>• DOAS</td>
<td>• Heat Exchangers</td>
</tr>
<tr>
<td>• Air handling units</td>
<td>• Hydronic &amp; Steam Accessories</td>
</tr>
<tr>
<td>• Water source self-contained</td>
<td><a href="http://www.bellgossett.com">www.bellgossett.com</a></td>
</tr>
</tbody>
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<thead>
<tr>
<th><strong>Packaged air-cooled chillers</strong></th>
<th><strong>Absorption Chillers</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Integral free cooling</td>
<td>• Combined cooling, heating and power</td>
</tr>
<tr>
<td>• Unit mounted pumps</td>
<td>• Gas, diesel, oil or steam energy input</td>
</tr>
<tr>
<td>• Built-in buffer tanks</td>
<td><a href="http://www.broadusa.net">www.broadusa.net</a></td>
</tr>
<tr>
<td>• World’s quietest fan coils</td>
<td><strong>Custom desiccant dehumidification</strong></td>
</tr>
<tr>
<td>• Heating/cooling chillers</td>
<td><strong>Climate by Design</strong></td>
</tr>
<tr>
<td></td>
<td>INTERNATIONAL</td>
</tr>
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<td></td>
<td><a href="http://www.modinehvac.com">www.modinehvac.com</a></td>
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</tbody>
</table>

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<thead>
<tr>
<th><strong>Classroom unit ventilators</strong></th>
<th><strong>Air &amp; Water Source Heat Pump Chillers</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Vertical and horizontal units</td>
<td><strong>Variable Speed Drives</strong></td>
</tr>
<tr>
<td>• Gas, hot water or electric heat</td>
<td>• Quiet Drive</td>
</tr>
<tr>
<td>• Self-contained, chilled water, or split DX cooling</td>
<td><a href="http://www.acm.nidec.com">www.acm.nidec.com</a></td>
</tr>
<tr>
<td>• Energy recovery</td>
<td><strong>Capture Systems</strong></td>
</tr>
<tr>
<td></td>
<td>• Dust Collectors</td>
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<td></td>
<td>• Fume Capture</td>
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<td>• Vehicle Exhaust</td>
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<tr>
<th><strong>Building Automation Control Systems</strong></th>
<th><strong>Comfort Flex</strong></th>
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<tr>
<td></td>
<td>Air Conditioning</td>
</tr>
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<td></td>
<td><a href="http://www.comfort-flex.com">www.comfort-flex.com</a></td>
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<th><strong>Capture Systems</strong></th>
<th><strong>Variable Speed Drives</strong></th>
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<td><a href="http://www.aqcdust.com">www.aqcdust.com</a></td>
<td>acim.nidec.com</td>
</tr>
</tbody>
</table>
- **COOK**
  - Complete line of Commercial and Industrial Fans
  - Hi-Plume Lab Exhaust Fans
  - Energy Recovery Ventilators
  - Industry’s largest Lab offerings
  - [www.lorencook.com](http://www.lorencook.com)

- **HAAKON INDUSTRIES**
  - Custom Air Handling Units
  - [www.haakon.com](http://www.haakon.com)

- **Energy Recovery Solutions**
  - Crossflow and counterflow
  - Installed in custom AHUs
  - [www.core.life](http://www.core.life)

- **HALTON**
  - Custom Kitchen Exhaust Hoods
  - Fire suppression
  - Demand control ventilation
  - Ecology units
  - [www.halton.com](http://www.halton.com)

- **Humidifiers**
  - Gas to steam (condensing & low NOx)
  - Electric (electrode & resistance)
  - Steam to steam
  - Dispersion manifolds
  - RO and water softening systems
  - [www.dristeem.com](http://www.dristeem.com)

- **Heat Pipe**
  - Heat recovery
  - Wrap-around for dehumidification
  - Split passive heat recovery modules
  - Glycol runaround loops
  - [www.heatpipe.com](http://www.heatpipe.com)

- **EnerShield Air Barriers**
  - Commercial & Industrial Air Curtains
  - [www.enershield.ca](http://www.enershield.ca)

- **Heatco**
  - Gas Furances
  - Indirect-fired
  - Tubular furnaces
  - High efficiency (condensing)
  - [www.heatco.com](http://www.heatco.com)

- **Epsilon Industries Inc.**
  - Custom Mechanical Rooms
  - Pump & boiler packaged skids
  - Prepackaged boiler and chiller rooms
  - [www.epsilonfab.com](http://www.epsilonfab.com)

- **Heatcraft**
  - Heating & Cooling Coils
  - Custom sizes
  - Modular coils
  - Quick ship
  - [www.coilcalc.com](http://www.coilcalc.com)

- **Filtrine**
  - Process Liquid Chillers
  - Medical: Laser, MRI
  - Process
  - Re-circulating Loop Coolers
  - [www.filtrine.com](http://www.filtrine.com)

- **IEC International Environmental**
  - Fan Coils
  - Direct and Belt Drive
  - E. C. Motors
  - Vertical and Horizontal arrangements
  - [www.iec-okc.com](http://www.iec-okc.com)
<table>
<thead>
<tr>
<th>Company</th>
<th>Products</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jaga</td>
<td>Low water temp fin-tube radiation, Low profile fan coils, Trench heaters and fan coils, Modern European-look enclosures, Fan assisted fin-tube heaters</td>
<td><a href="http://www.jaga-canada.com">www.jaga-canada.com</a></td>
</tr>
<tr>
<td>Metalaire</td>
<td>Grilles, Diffusers, VAV Boxes, Fan Powered Boxes</td>
<td><a href="http://www.metalaire.com">www.metalaire.com</a></td>
</tr>
<tr>
<td>Kampmann</td>
<td>Diffusers, Linear Pipe Diffusers, Swirl Diffusers, Slot Diffusers</td>
<td></td>
</tr>
<tr>
<td>MODINE</td>
<td>Commercial HVAC Systems, Make-up air units, Unit heaters</td>
<td><a href="http://www.modinehvac.com">www.modinehvac.com</a></td>
</tr>
<tr>
<td>Kinetics</td>
<td>Architectural Noise Control</td>
<td><a href="http://www.kineticsnoise.com">www.kineticsnoise.com</a></td>
</tr>
<tr>
<td>NanoSox</td>
<td>Fabric duct systems, Exposed hanging ducting, Underfloor ducting</td>
<td><a href="http://www.nanosox.net">www.nanosox.net</a></td>
</tr>
<tr>
<td>NCA</td>
<td>Fire Dampers &amp; Blankets, Backdraft Dampers</td>
<td><a href="http://www.ncamfg.com">www.ncamfg.com</a></td>
</tr>
<tr>
<td>LifeBreath</td>
<td>Heat &amp; Energy Recovery Ventilators, Commercial and residential units</td>
<td><a href="http://www.lifebreath.com">www.lifebreath.com</a></td>
</tr>
<tr>
<td>Neptronic</td>
<td>Electric Duct Heaters</td>
<td><a href="http://www.neptronic.com">www.neptronic.com</a></td>
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<tr>
<td>MacroAir</td>
<td>High Volume Low Speed Fans, Up to 24ft diameter airfoil blades, Commercial &amp; industrial</td>
<td><a href="http://www.macroairfans.com">www.macroairfans.com</a></td>
</tr>
</tbody>
</table>
Vertical Stacked Water Source Heat Pumps
Integral energy recovery
7 - 30 MBH
www.omega-heatpump.com

Dedicated Outdoor Air Systems
• Low profile
• VRV integration
• 350 - 3,400 cfm
www.oxygen8.ca

Thermal storage solutions
• Ice storage (Icoster)
• BioPCM storage (Phasestor)
www.phaschange.com

Water & Steam Boilers
• Electric boilers (50 - 8,735 MBH)
• Non-condensing gas boilers
  (330 - 7,220 MBH)
www.precisionboilers.com

Custom Refrigeration Equipment
• Year-round operation
• Fluid coolers
www.refplus.com

Absorption Chillers
www.robur.com

Premium Hydronic Radiant Heaters
• Flat steel tube welded-construction
www.runtalnorthamerica.com

Gas Fire Radiant Heaters
• Tube heaters
• High intensity heaters/patio heaters
www.schwankgroup.com

Active Air Filtration
• Active airborne particle control
• Electronically enhanced air purification
  • Condition, collect and inactivate pathogens in the air
  • AHU and portable options
www.secureaire.com

Coils
Chillers
Condensing Units
www.raecorp.com

Wastewater Energy Reclamation
• Heat pumps, buffer tanks, control system packaged together
www.sharcenergy.com
Hydronic Radiant Heat Products
- Wallfin & enclosures
- Radiant ceiling panels
- Unit heaters
- Convector

www.sigmaproducts.com

UVC Emitters
- Installed in AHUs and ductwork for coil cleaning and destroying airborne viruses/bacteria
- Retrofit options
- High intensity - 9 µW/inch measured from 1m
- Convector

www.steril-aire.com

Computer Room & Data Centre A/C
- Precise temperature and humidity control
- Ultrasonic humidifiers

www.stulz-usa.com

SULZER
Wastewater, Sewage and Sump Pumps
- Basins

www.sulzer.com

Tecogen
Natural Gas Driven Cooling & Co-Generation
- Water cooled chillers 150 - 400 tons
- Air cooled chiller 25 - 50 tons

www.tecogen.com

Dual core energy recovery systems over 90% efficient
- Over 90% efficient in the winter
- Frost-free operation
- Summer latent recovery

www.tempeffnorthamerica.com

THERMOPLUS
Dehumidifiers
- Pool and ice rink dehumidification

www.thermoplus.com

ThermoTek
Make-up Air Units
- Direct and indirect-fired
- Kitchen hood systems

www.thermotek.com

TSI
Lab, Hospital Room Pressure Controls Fume Hood Flow Controls

www.tsi.com

United CoolAir
Split and Self-Contained Cooling Units

www.unitedcoolair.com

VENTACITY SYSTEMS
Energy Recovery Ventilators

www.ventacity.com

VENTEX
Louver, Backdraft Dampers, Control Dampers, Fire Dampers

www.ventexinc.com
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<tr>
<td>VIBRO-ACoustics</td>
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<tr>
<td>VIESSMANN</td>
<td>Condensing gas, biomass, oil, cast iron</td>
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<tr>
<td>Xetex</td>
<td>Custom Air Handling Units</td>
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