

# **HTS** PRODUCT LIST

#### **HTS SUDBURY**

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hts.com/ontario



# **Applied Products**

www.daikinapplied.com (Formerly McQuay)

#### **Chillers**

• Magnetic Centrifugal 86 - 1,600 tons Centrifugal 250 - 2,500 tons Water Cooled Scrolls 30 -200 tons Water Cooled Screws 120 -300 tons Heat Recovery 300 -18,000 MBH 100 - Air Cooled Screw 565 tons 10 - Air Cooled Scroll 240 tons

#### Air Handling, Modular

• Vision Indoor 900 - 100,000 CFM • Skyline Rooftop 65,000 CFM 900 • PreciseLine Indoor 600 -500 -10,000 CFM • Rebel Outdoor 11,000 CFM

#### **Rooftop Units**

- 15 140 tons, semi-custom modular construction
- · VAV, constant volume, ERV
- 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

• 20 - 130 tons VAV, constant volume, free cooling

# **Air Cooled Condensing Unit**

• 6 - 140 tons

#### Fan Coils

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

# **Water Source Heat Pumps**

<ul> <li>Horizontal</li> </ul>	0.50 -	10.0 tons
<ul> <li>Vertical</li> </ul>	0.50 -	25.0 tons
<ul> <li>Console</li> </ul>	0.50 -	1.5 tons
Rooftop	3.00 -	35.0 tons
Water-to-Water	3.00 -	25.0 tons
<ul> <li>Smartsource Variable</li> </ul>	1.00 -	25.0 tons
Speed Compressors		

#### **Classroom Unit Ventilators**

 Floor Mounted 750 - 1,500 CFM Ceiling Mounted 750 - 2,000 CFM Self Contained Cooling 2.0 - 4.5 tons

Formerly Herman-Nelson/AAF



# Variable Refrigerant Volume Systems

#### Air-Cooled

- 3 34 ton heat pump systems
- 6 38 ton heat recovery systems
- Up to 64 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 systemsUp to 4 connections

#### **Fresh Air Solutions**

- 300 1200 CFM energy recovery ventilators
- 1 16 ton AHU integration kits



#### **Air Filters**

· HEPA, Panel, Bag

www.aafintl.com



#### **Outdoor Air Specialists**

- DOAS Units
- Packaged SystemsIndoor Vertical Self Contained Systems
- Split Systems
- Air Source HEat Pumps

www.addison-hvac.com/ www.frostshieldhp.com/



#### **Packaged Air-cooled Chillers**

- Integral free cooling
- Unit mounted pumps
- Built-in buffer tanks
- · World's quietest fan coils
- Heating/cooling chillers

www.aermec.us



#### Classroom unit ventilators

- · Vertical and horizontal units
- Hot water or electric heat
- · Self-contained, chilled water, or split DX cooling
- · Energy recovery

www.modinehvac.com



# **Building Automation Control Systems**

www.alerton.com



# **Capture Systems**

- Dust Collectors
- Fume Capture
- Vehicle Exhaust

www.aqcdust.com



# **Actuators, Control Valves** and Gas Detection

www.belimo.ca



- Pumps
- Heat Exchangers
- Hydronic & Steam Accessories

www.bellgossett.com



# **Absorption Chillers**

- · Combined cooling, heating and power
- Gas, diesel, oil or steam energy input

www.broadusa.net



- · Rainwater harvesting systems
- Storm water systems

www.harvestingrainwater.ca/



# **Custom Desiccant Dehumidification**

www.cdihvac.com



# Variable Speed Drives

• Quiet Drive

acim.nidec.com



- Complete line of Commercial and Industrial Fans

- Hi-Plume Lab Exhaust Fans
  Energy Recovery Ventilators
  Industry's largest Lab offerings

www.lorencook.com



- Freeze Block Coils
- Smart Coils
- Thermo-Pack



# **Energy Recovery Solutions**

- · Crossflow and counterflow
- Installed in custom AHUs

www.core.life



# **Building Automation Control System**

www.distech-controls.com/



#### **Humidifiers**

- Gas to steam (condensing & low NOx)
- Electric (electrode & resistance)
- · Steam to steam
- Dispersion manifolds
- RO and water softening systems

www.dristeem.com



#### **Solar Panels**

- Hybrid electric and hot water panel
- Photovoltaic panel

https://dualsun.com/en/



#### **Custom Mechanical Rooms**

- Pump & boiler packaged skids
- Prepackaged boiler and chiller rooms

www.epsilonfab.com



#### **Process Liquid Chillers**

- Medical: Laser, MRI
- Process
- Re-circulating Loop Coolers

www.filtrine.com



#### **Custom Air Handling Units**

www.haakon.com



# **Custom Kitchen Exhaust Hoods**

- Fire suppression
- Demand control ventilation
- Ecology units

www.halton.com



#### **Gas Furances**

- Indirect-fired
- Tubular furnaces
- High efficiency (condensing)

www.heatco.com



# **Heating & Cooling Coils**

- · Custom sizes
- Modular coils
- Quick ship

https://www.modinecoils.com/



#### **Heat Pipe**

- · Heat recovery
- Wrap-around for dehumidification
- · Split passive heat recovery modules
- Glycol runaround loops

www.heatpipe.com



#### **Fan Coils**

- Direct and Belt Drive
- E. C. Motors
- Vertical and Horizontal arrangements

www.iec-okc.com



#### **Radiators and Fan Coils**

- Low water temp fin-tube radiation
- · Low profile fan coils
- Trench heaters and fan coils
- Modern European-look enclosures
- · Fan assisted fin-tube heaters

www.jaga-canada.com



Noise and Vibration Control, Seismic, Silencers

www.kineticsnoise.com



#### **Liquid-Solid Separation Systems**

- Centrifugal separators
- Sand filters

www.lakos.com



#### **Heat & Energy Recovery Ventilators**

· Commercial and residential units

www.lifebreath.com



# Complete, Engineered System Solutions

- DHW C02 heat pumps
- Water heating skids
- Water quality solutions

www.lyncbywatts.com/



#### **High Volume Low Speed Fans**

- Up to 24ft diameter airfoil blades
- Commercial & industrial

www.macroairfans.com



Grilles, Diffusers VAV Boxes Fan Powered Boxes

www.metalaire.com



# **Commercial HVAC Systems**

- Make-up air units
- Unit heaters
- Duct furnaces

www.modinehvac.com



#### Fabric duct systems

- Exposed hanging ducting
- Underfloor ducting

www.nanosox.net



# **Electric Duct Heaters**

www.neptronic.com



- Barrier Walls
- Doors
- Windows
- •Test Cells
- Panels

www.noisebarriers.com/



#### **Domestic Water Heaters**

- Refrigeration cycle to produce hot water
- Air-source
- Water-source

www.nyle.com



#### Verticle Stacked Water Source **Heat Pumps**

- · Integral energy recovery
- 7 30 MBH

www.omega-heatpump.com



#### **Dedicated Outdoor Air Systems**

- Core ERVs
- VRV integration
- 18 3,400 cfm
- Indoor & outdoor units
- All electric

www.oxygen8.ca



- Air Handlers
- Chillers
- Packaged DX Rooftops
- Data Center Equipment

www.petra-eng.com/products/



- Air Control dampers
- Ceiling Radiation dampers
- Fire/smoke dampers
- Louvers

www.pottorff.com/



#### Water & Steam Boilers

- Electric boilers (50 8,735 MBH)
- Non-condensing gas boilers (330 - 7,220 MBH)

www.precisionboilers.com



#### **Domestic Water Heaters & Storage**

- · Gas, oil, steam, electric inputs
- Aquaplex stainless steel construction
- · Industry leading warranty

www.pvi.com



# Coils Chillers **Condensing Units**

www.raecorp.com



# **Custom Refrigeration Equipment**

- Year-round operation
- Fluid coolers
- Condensing units

www.refplus.com



#### **Gas Absorption Heat Pumps** and Chillers

- Hot water production up to 80 ° C
- Modular
- · Simultaneous heating and cooling
- 16.9 kW cooling
- 41.6 kW heating

www.robur.com



#### **Premium Hydronic Radiant Heaters**

• Flat steel tube welded-construction

www.runtalnorthamerica.com



# **Infrared Heating Systems**

- Tube heaters
- High intensity heaters/patio heaters
- HVLS fans
- · Air curtains

www.schwankgroup.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
- · Convectors & force flows

www.sigmaproducts.com



### Computer Room & Data Centre A/C

- Precise temperature and humidity control
- Ultrasonic humidifiers

www.stulz-usa.com



# Wastewater, Sewage and Sump Pumps

- Basins
- Control panels

www.sulzer.com



# **Industrial Boilers**

- · Condensing boilers
- Firetube boilers

www.superiorboiler.com/boilers/



# 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**

- 100 96,000 cfm
- Over 90% efficient in the winter
- Frost-free operation
- Summer latent recovery option
- Configurable indoor units

www.tempeffnorthamerica.com



#### **Dehumidifiers**

- Pool units
- Arena units

https://thermoplus.com/



# Make-up Air Units

- · Direct and indirect-fired
- · Kitchen hood systems

www.thermotek.com



Lab and Hospital Room Pressure Controls, Fume Hood Flow Controls

www.tsi.com





- Active
- Passive
- Low profile

www.twapanels.ca

**Chilled Beams and Sails** 



# Split and Self-Contained Cooling Units

www.unitedcoolair.com



# Ultraviolet (UV) Products & Filtration Solutions

www.uvdi.com



# Louvers, Backdraft Dampers, Control Dampers, Fire Dampers



www.ventexinc.com



# **Boilers**

- Condensing gas, biomass, oil, cast iron, electric, combi
- Indirect domestic hot water tanks

www.viessmann.ca



# **Custom Air Handling Units**

www.xetexinc.com