

HTS PRODUCT LIST

HTS SUDBURY

355 HWY 144, Unit #4 Chelmsford, ON P0M 1L0 Telephone: 705.855.1589 Toll Free: 1.888.280.8544 705.855.7182 Fax:

hts.com/ontario



Applied Products

www.daikinapplied.com

(Formerly McQuay)

Chillers

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

Air Handling, Modular

- 120,000 tons Vision Indoor 700 Rooftop 2,000 _ 60,000 tons _ 15,000 tons Destiny Indoor 600

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 25.0 tons 3.00 -1.00 - Smartsource Variable 25.0 tons Speed Compressors

Classroom Unit Ventilators

750 - 1,500 CFM Floor Mounted 750 - 2,000 CFM Ceiling Mounted

· 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 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 systems
 Up 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



HVAC Cooling & Heating

- · Packaged rooftop units
- DOAS
- Air handling units
- Water source self-contained

www.addison-hvac.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
- · Gas, 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 and Control Valves

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



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



Energy Recovery Solutions

- · Crossflow and counterflow
- · Installaed in custom AHUs

www.core.life



Humidifiers

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

www.dristeem.com



Commercial & Industrial Air Curtains

www.enershield.ca



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



Heat Pipe

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

www.heatpipe.com



Gas Furances

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

www.heatco.com



Heating & Cooling Coils

- Custom sizes
- Modular coils
- · Quick ship

www.coilcalc.com



Fan Coils

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

www.iec-okc.com



- 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



Diffusers

- Linear Pipe Diffusers
- Swirl Diffusers
- Slot Diffusers



Architectural Noise Control

www.kineticsnoise.com



Liquid-Solid Separation Systems

- · Centrifugal separators
- Sand filters

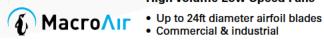
www.lakos.com



Heat & Energy Recovery Ventilators

· Commercial and residential units

www.lifebreath.com



High Volume Low Speed Fans

- Commercial & industrial

www.macroairfans.com



Grilles, Diffusers VAV Boxes Fan Powered Boxes

www.metalaire.com



Commercial HVAC Systems

- · Make-up air units
- Unit heaters

www.modinehvac.com



Fabric duct systems

- · Exposed hanging ducting
- Underfloor ducting

www.nanosox.net



Fire Dampers & Blankets **Backdraft Dampers**

www.ncamfg.com



Electric Duct Heaters

www.neptronic.com



Domestic Water Heaters

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

www.nyle.com



Vertical Stacked **Water Source Heat Pumps** Integral energy recovery 7 - 30 MBH

www.omega-heatpump.com

OXYGEN8

Dedicated Outdoor Air Systems

- · Low profile
- VRV integration
- 350 3,400 cfm

www.oxygen8.ca



Thermal storage solutions

- Ice storage (Icestor)
- · BioPCM storage (Phasestor)

www.phasechange.com



Water & Steam Boilers

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

www.precisionboilers.com



Commercial Water Heaters & Storage

- · Gas, oil, steam, electric inputs
- Aquaplex stainless steel construction
- 350 3,400 cfm

www.pvi.com



Coils Chillers Condensing Units

www.raecorp.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



Wastewater Energy Reclamation

 Heat pumps, buffer tanks, control system packaged together

www.sharcenergy.com



Hydronic Radiant Heat Products

- Walifin & enclosures
- Radiant ceiling panels
- Unit heaters
- Convectors

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
- Convectors

www.steril-aire.com



Computer Room & Data Centre A/C

- · Precise temperature and humidity control
- Ultrasonic humidifiers

www.stulz-usa.com



Wastewater, Sewage and Sump Pumps

Basins

www.sulzer.com



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



Dehumidifiers

· Pool and ice rink dehumidification

www.thermoplus.com



Make-up Air Units

- · Direct and indirect-fired
- Kitchen hood systems

www.thermotek.com



Lab, Hospital Room Pressure Controls Fume Hood Flow Controls

www.tsi.com



Split and Self-Contained Cooling Units

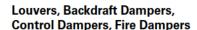
www.unitedcoolair.com



Energy Recovery Ventilators

www.ventacity.com







www.ventexinc.com



Silencers

www.vibro-acoustics.com



- Condensing gas, biomass, oil, cast ironIndirect domestic hot water tanks

www.viessmann.ca



Custom Air Handling Units

www.xetexinc.com