

### HTS ENGINEERING LTD.

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1) **CHILLERS** - Air-cooled and water-cooled packaged and modular chillers for commercial HVAC and industrial process cooling applications. Thermal Storage.









- 2) HTS CONTROLS Supply and installation of DDC controls packages for commercial, residential and industrial process markets. Building pressure monitoring and control. Variable Speed Drive motor controls.
- 3) CUSTOM AIR HANDLING -Air handling units for indoor and outdoor applications. Heating, cooling, humidity control, energy recovery and ventilation.
- 4) PACKAGED ROOFTOP HVAC Air and evaporative cooled heating and cooling units with humidity controls in VAV and constant volume. Capacity range of 5 to 150 tons.
- 5) CHILLER / BOILER PACKAGES Design and manufacture of custom heat transfer packages including pump stations, heating, cooling and data center applications. Central heat and power plants.
- 6) HUMIDITY CONTROL Custom desiccant and dehumidification refrigerant packages. Adiabatic, ultrasonic, steam, electric and gas fired humidifiers. Pool dehumidifiers. Computer room units.
- 7) **HEATING PRODUCTS** Air rotation units, infrared. architectural hydronic Condensing boilers and DHW heaters. Electric boilers. Waste water heat recovery. Industrial boilers. Air curtains.
- 8) HYDRONIC SYSTEMS Filters for industrial and commercial water filtration applications. Commercial pumps, heat exchangers and hydronic components for heating and cooling systems.
- 9) **VENTILATION/FANS** Commercial fans and blowers. Architectural air dispersion and diffusion systems. Silencers and acoustic enclosures. Isolation and seismic. UV lights. High-efficiency filters. Dust collectors. Large ceiling fans.
- 10) ENERGY RECOVERY Enthalpy wheels and heat pipes. DOAS units. PV/Hydronic solar panels.

# 11) UNITARY AND TERMINAL SYSTEMS -

Ductless mini split system, unit ventilators, PTAC's, heat pumps and VRF systems with multiple evaporators for efficient retrofits and new construction applications. Chilled beams, radiant cooling and fan coils.

























































































# PRODUCT INDEX

#### REFRIGERATION

Condensers & Condensing Units Absorption Chillers Recip / Scroll / Screw Chillers Centrifugal Chillers Engine Driven Chillers Ice Harvesters Thermal Storage Pool Dehumidifiers

Air Cooled Free Cooling & Heat Pump Chillers
Air & Water Source Heat Pump Chillers

Computer Room A/C Units

#### **FANS**

Centrifugal Fans
Plenum Fans
Axial Fans
Propeller Fans
In Line Fans
Relief and Intake Vents
Spun Aluminum Centrifugal Exhausters
Silencers
Vibration & Seismic
Large Ceiling Fans

#### **TERMINAL UNITS**

Packaged Terminal A/C Units
Water & Ground Source Heat Pumps
Fire, Smoke & Control Dampers
HiRise Water Source Heat Pumps
Fan Coil Units
Custom Fan Coils
VAV Boxes, Grilles & Diffusers
Fabric Ductwork
Chilled Beams & Radiant Cooling
High Induction Diffusers

#### **FLUID HANDLING**

Vertical In Line Pumps Base Mounted Pumps Booster Pumps Fire Pumps Sump Pumps Water Filtration Systems Rain Water Collection Systems

#### **HEAT TRANSFER**

Shell & Tube Heat Exchange Plate & Frame Heat Exchange Wastewater Heat Recovery Domestic Hot Water Heaters Solar Panels

#### **MANUFACTURER**

Daikin Applied / RAE Corp Thermax / Broad / Robur Daikin Applied Daikin Applied Tecogen Turbo PhaseStor Dectron Aermec Aermec STULZ

#### **MANUFACTURER**

Cook
Cook
Cook
Cook
Cook
Cook
Kinetics
Kinetics
Schwank

#### **MANUFACTURER**

Applied Comfort Daikin Applied NCA Omega Daikin Applied International Metalaire NanoSox TWA Kampmann

#### **MANUFACTURER**

Xylem Xylem Xylem Xylem Sulzer Lakos Clean Flo

#### **MANUFACTURER**

Xylem Xylem SHARC Energy Systems PVI / Nyle Systems / Lync DualSun

#### **AIR HANDLING**

Modular Air Handling Units Custom Air Handling Units Compartment Units Water Cooled Compartment Units Custom DX Packaged Units Heating and Cooling Coils Enthalpy Wheels Heat Pipes Humidifiers Adiabatic Humidifiers Desiccant Dehumidifiers **Energy Recovery Ventilators Ecology Systems** Kitchen Hoods Air Turn Over Units Ultrasonic Humidification

#### **HEATING / VENTILATION**

Cabinet Unit Heaters
Unit Heaters
Wall Fin Radiation
Custom Enclosure
Convectors
Radiant Ceiling Panels
Infrared Gas Radiant
Gas Fired MUA Units
Architectural Hydronic Heating Products
Panel Radiators
Condensing & Cast Iron Boilers
Electric Boilers
Industrial Boilers
Air Curtains

#### **CONTROL SYSTEMS**

BAS Controls Room Pressure Controls Laboratory Fume Hood Controls Variable Frequency Drives

#### **UNITARY**

Small Rooftop Units 2-25 Tons Applied Rooftop Units Small Split Systems VRV Split Systems Mini Split Systems Custom DX

## IAQ CONTROL

High Efficiency Filters Dust Collection UV Lights / Filtration Solutions

# PRE-FABRICATED HEATING AND COOLING PLANTS

Chilled / Hot Water, Steam Plants District Energy Cogen and CHP Plants Data Centers

#### **MANUFACTURER**

Daikin Applied
Haakon / Daikin Applied
Haakon / Daikin Applied
Daikin Applied
Haakon
Daikin Applied / Heatcraft
SG America
Heat Pipe Tech
DriSteem
DriSteem
Concept & Designs
Cook / Oxygen8 / Tempeff / Ventacity
Halton
Johnsons Marcraft

#### **MANUFACTURER**

STULZ

Sigma
Sigma
Sigma
Sigma
Sigma
Sigma
Sigma
Schwank
Modine
Jaga
Runtal
Viessmann
Precision Boilers
Superior Boilers
Schwank

#### **MANUFACTURER**

Alerton - Distech TSI TSI Control Techniques

#### **MANUFACTURER**

Daikin Applied Daikin Applied Daikin Applied Daikin Applied Daikin Applied United Cool Air

#### **MANUFACTURER**

Dynamic AQC UVDI

#### **MANUFACTURER**

Epsilon Epsilon Epsilon