



Efficient, Innovative, Engineered Solutions

Representatives for High Performance Environments Product:

Custom Air Handling Systems:



True customized air handler systems utilizing state-of-the-art HUNTAIR FANWALL Technology®: used in hospitals, laboratories, institutional buildings and industrial manufacturing as the smallest, maintenance free, energy efficient and quietest system available on the market today.



Ventrol's comprehensive range of air handling equipment incorporates FANWALL Technology® for maximum energy efficiency and low-noise performance. Commercial and retail offices as well as educational buildings are Ventrol's customer base, while they also specialize in knock down air handlers.



Governair: Manufactures HVAC systems for commercial and industrial projects, with expertise in DX and gas-fired packaged air handlers.



Temtrol: Manufactures modular designed air handler's to meet semi-custom requirements. They have designed and manufactured OEM and replacement coils for over 50 years.



Manufactured in Canada, Venmar has a fully customized line of ventilation products with a variety of integrated heating and cooling systems. The products are designed with an expansive range of 1,000 to 300,000 CFM, meeting engineer-specified requirements for a large variety of applications from light commercial to industrial. These units include ERVs, HRVs (with flat plate or heat pipe heat exchangers) and make-up air units.



Complete mechanical rooms which can be incorporated into building utilities as a plug and play system to reduce construction and commissioning time, with the option for the system to be factory tested and then shipped out. Wide range of products: chillers; chiller plants; AHUs; controls; and water-source heat pumps; designed to meet the varying needs of different owners and building types. Custom engineer the right solution for your application, whether the goals are efficiency, reliability, acoustic performance, or interconnectivity with other products and control systems.



Aaon provides a variety of solutions to suit the needs of many small to medium sized projects, including semi-custom air handlers, packaged rooftop units, self-contained units, and pool dehumidification units, along with air-source, water-source, or geothermal heat pumps.

Fan Coil and Heat Pump:



Established in 1962, The Whalen Company was an originator of vertical stacked fan coils and heat pumps, and continue to be innovative and committed to offering practical solutions for developers, architects and builders that reduce costs and improve performance.

- Custom manufacturing capability to fit project requirements.
- Minimum site assembly, saving time and costs.
- Parts and slide out replacement options for ease of maintenance.
- Constant outside air and ERV technology option packages



Efficient, Innovative, Engineered Solutions

Energy Recovery:



A proven technology, Konvekta is the most efficient energy recovery system available. Konvekta has been the basis of design in Europe for the past 28 years and is now available in North America for the first time.

Key attributes include: Financial Performance Guarantee; De-coupled supply/exhaust tunnels; Self-validating, System optimization controls; LEED Credits; Lower air-pressure drop than traditional coils; Can incorporate heating/cooling from other sources; Space savings for new construction; Ideal for retro-fits



Semco's energy recovery wheels offer highly efficient solutions for a variety of applications. The superior construction and materials used allows the wheels to virtually eliminate cross contamination. Modular wheels are also available for retro fits to restore or improve the energy recovery of an existing system.

Laboratory/Hospital Airflow and Exhaust:



Phonenix Controls offers the complete energy efficient precision air flow control solution by reducing energy consumption without sacrificing employee's safety, comfort and research for:

- Laboratories, intense wet chemistry, high level biocontainment, clean room manufacturing applications
- Hospital operating rooms, Post-Op rooms, ICU's
- Office buildings



Technologically advanced exhaust systems for laboratory fume hoods in universities, public health, government, chemical, pharmaceutical, industrial and other process industries

Airflow Control:



Aircuity's *OptiNet* is a comprehensive suite of technologies targeted at delivering energy efficient, healthy, commercial and building ventilation control strategies. OptiNet's multiplexed sampling system senses a multitude of indoor environmental parameters throughout a facility to deliver cost effective, accurate, and dependable ventilation performance with the best payback in the industry.



Cleanroom specialty products. Steriflo and Total Air Diffusers

Humidification:



Direct Steam Injection, Steam Heat Exchanger, Electric Self-Contained Humidifiers, Gas Fired Humidifiers, accessories

Coils:



Ventrol: design and manufacturing of OEM and replacement coils for over 50 years



Heatcraft coils are custom engineered to meet the customers exact heat transfer requirements. Heatcraft coils utilize materials such as copper, aluminum, stainless steel, carbon steel and admiralty brass to deliver the heat transfer product that best meets the customers need.



Efficient, Innovative, Engineered Solutions

Chillers, Cooling Towers and Dry/Fluid Coolers:



Smardt oil-free centrifugal chillers offer the highest IPLV energy efficiencies and the lowest lifetime operating costs in their capacity ranges - 60 TR through 1200 TR in water cooled, and 60 TR through 450 TR in air cooled.



Aaon's line of chillers, condensers, and fluid coolers are designed for performance and serviceability. Each product is available in a variety of ranges to ensure an effective fit for many applications.



Delta's factory assembled cooling towers have a seamless, molded design and are not prone to leaking or rusting, and never need to be sealed. The cooling towers and packaged cooling systems allow for simple installation along with great performance for both industrial and HVAC applications. Delta cooling towers can also provide Anti-Microbial cooling towers to prevent the growth of legionnaire's disease.



Advanced Process Cooling was established as the cooling systems and solutions research, development, and manufacturing division of EMSCO, Inc., An Inductotherm Group Company with a 40-year history of providing service to the induction melting industry. NIMBUS Advanced Process Cooling manufactures hybrid adiabatic cooling systems in the U.S.A.

Clean rooms and Operating Rooms:



Cleanpak products continually advance all standards of clean environments by controlling the full process of cleanroom development, from design concept to project completion. Our cleanrooms are setting precedents for the micro technology, semiconductor, biotechnology, and pharmaceutical industries

CLEANSUITE®

Operating Room Air Distribution

A hospital operating room system. Consisting of a modular, ceiling-hung plenum system with integrated filtration, electrical, piping and structural equipment supports. Its other uses include surgery centers, outpatient rooms and other laminar flow applications requiring low turbulence airflow and optimized contamination control

Filtration and Extraction:



The best and most efficient complete line of AHRAE filters including hardware, housings, molecular filtration, dust collectors and cartridges. Nuclear, biological and chemical containment systems. H.E.P.A. filters and housings for Clean Rooms and Operating Rooms



Removal of airborne contaminants, welding exhaust systems, automotive exhaust systems, fume extractors, cartridge dust collectors



Flexible hose for air, liquid and materials movement. Used in applications such as removal of vehicle exhaust, fume control, abrasive materials handling and welding. Suitable for use in ultra-high temperature fume control (up to 1800°F), chemical fume control, diesel exhaust and abrasive material handling



Deep bed air scrubbers for removing contaminants. Simple and effective solutions for control of highly toxic, corrosive and odor-causing gas emissions such as Hydrogen Sulphide (H₂S), Sulfur Dioxide (SO₂), Chlorine (CL₂), Nitrogen Oxide (NO_x), Ammonia (NH₄), Ozone (O₃), Hydrocarbons (VOCs), Amines, Indoles, Mercaptans, Scatoles.



Efficient, Innovative, Engineered Solutions

Specialty Items:



Bry-Air is a leading provider of solutions for severe humidity problems in mission critical applications. Its desiccant dehumidification based systems precisely and independently control humidity and temperature in order to achieve and maintain the most demanding conditions.

Creative custom equipment for special applications as well as a wide range of standard products for vehicle exhaust, welding fume removal and dust collecting

VFD's:



Emerson Control Techniques is a world leader in the design, manufacture and support of Electronic Drive and Drive support products which includes: AC Drives, DC Drives, Servo Drives, Soft Starters, and Packaged Drive Systems. Control Techniques combines extensive industry experience, modular drive design, powerful technology and advanced tool kits to provide complete industrial automation solutions.

Air & Waterside Products:



Originating from Europe, they manufacture unique vertical ERVs as well as provide comfort ventilation products comprising of fans, air handling units, products for air distribution, air curtains and heating products. Safety ventilation compromises fire safety as well as garage and tunnel ventilation.



Change 'Air manufactures five series of classroom air handlers that can be customized and adapted to meet your heating, ventilation and air conditioning needs. While the look and design of our line of products fits well into new buildings, they are often the design of choice when renovating or upgrading existing buildings or additions.



Titus H2O waterside products: chilled beam, fan coils and air handlers










Semco's active and passive chilled beams are offered in a wide range of airflows and can be adapted to meet many requirements.




Efficient, Innovative, Engineered Solutions

Representatives for HVAC Product:


FANS:

	Domestic exhaust fans, range hoods
	Propeller exhaust fans
	Air Doors / Air Curtains
	Chimney automation system
	HUNTAIR FANWALL Technology®: used in hospitals, laboratories, institutional buildings and industrial manufacturing
	Induced air fans for laboratory exhaust
	Twin City Industrial Fans, their centrifugal, plug, radial bladed, radial tip & high efficiency, tube axial fans can be made with special materials, coatings, custom safety guards, spark resistant construction, explosion proof motors, and high temperature designs to meet job specific requirements. (Note: Aqua Air represents only industrial fans in Southern Alberta)





Kitchen Ventilation:

	Halton is a family-owned company specializing in indoor climate and indoor environment products, services, and solutions and is the worldwide leader in commercial foodservice ventilation systems. The company's applications in this field include health care, educational, military and commercial facilities, hotels, restaurants, casinos, food courts and sports venues. Halton has a long history of innovation in the development of energy efficient and clean air products, pioneering such technologies as "smart" demand control systems, UV exhaust hoods and ecology units, which are all the focus of this presentation.
---	--

SILENCERS:

	Air silencers and vibration isolation
---	---------------------------------------

HEATERS - ELECTRIC:

	Electric heaters
	Electric heating, residential, commercial and industrial products
	Explosive proof electric heaters
	Electric duct heaters



AQUA AIR SYSTEMS LTD.

Efficient, Innovative, Engineered Solutions

HEATERS- INFRARED:



High performance infrared heaters

LOUVERS / DAMPERS:



Fire and non-rated access doors

Louvers, FSD, FSF, Industrial balancing dampers, control dampers

GRILLES / REGISTERS:



Registers, grilles, diffusers, high and low-pressure terminal units, Fan coils

CHILLING / HEATING:



Displacement ventilation – chilled beam technology



Radiant Panel technology, Force Flow, Unit Heaters

GAS DETECTION:



Commercial gas detection systems

BOILERS / BURNERS:



Aquatube bent tube boilers, hot water boilers, high temperature hot water boilers, low and high pressure steam boilers with unique condensing capabilities to preheat Make Up Air handling Units.



The smartest energy efficient combustion control products on the market that can be used on mixed fuel systems.



Oil, gas, and dual fuel burners



Oil, gas, and dual fuel burners



AQUA AIR SYSTEMS LTD.

Efficient, Innovative, Engineered Solutions

CONTROLS:



Electric actuators for control dampers

PASSIVE FIRE PROTECTION:



Single source fire and blast rated duct systems.