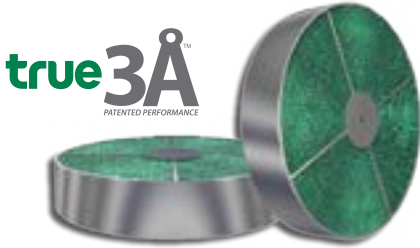


AIR QUALITY SYSTEMS

EFFICIENT. EFFECTIVE. ENERGY SAVING.

FläktGroup
SEMCO



ENERGY RECOVERY TRUE 3Å WHEEL

- Industry's highest recovery performance (AHRI Certified) and Recovery Efficiency Ratios (RER)
- Contaminant carry-over to less than .045%
- Anti-corrosion, anti-microbial anti-stick face coatings standard
- Extruded aluminum structural hub, spokes and rim system
- Available singly, in self-contained conditioning units, or as retrofits of existing wheels.



ASCENDANT™ SERIES

- Conventional cooling and active desiccant hybrid system, optimized to deliver and control low dew point air, while minimizing regeneration energy input
- Can produce supply air humidity levels as low as 15 grains which can be delivered at any traditional supply air temperature
- High operating efficiency by utilizing conventional cooling and active desiccant dehumidification where they are most beneficial



PINNACLE® PRIMARY VENTILATION SYSTEM

- Manages 100% of a building's ventilation, humidity, and temperature, while simultaneously reducing energy loads
- Dual wheel dedicated outside air system designed to ventilate and deliver air direct to space
- Ideal primary air system utilized to decouple latent load of the building with the least amount of air
- Supports ductwork reduction and central plant energy reduction



EP/EPD SERIES

- Provides ultimate level of performance in the transfer of energy
- Preconditions air for a conventional air handler or can perform as an independent, integrated system with a variety of heating and cooling options
- Indoor or outdoor installation
- Airflow capacities range from 2,000 to 70,000 CFM



FV SERIES

- High recovery efficiency with low pressure loss
- Designed for rooftop installation in but can easily be installed indoors and still provide a very quiet, continuous supply of fresh air
- Provides a healthy, comfortable indoor atmosphere in a cost efficient package
- Airflow capacities range from 600 to 10,000 CFM



ECONET

- Reliable and efficient Air Handling Unit Heat recovery, heating and cooling air are integrated to form a common circuit resulting in a more compact ventilation unit.
- Hydronic recovery pump package perfect for when True 3Å is not specified
- Recovers and uses energy that is unusable in traditional systems. Econet influences the entire energy chain to greatly reduce the energy requirement.



NEUTON™ CONTROLLED CHILLED BEAM PUMP MODULE

- State-of-the-art active condensation control effectively eliminates chilled beam condensation concerns.
- Reduces cost of a chilled beam installation by 30% or more by utilizing smaller pipe diameters, fittings, and fewer feet of pipe.
- Uses a fraction of the energy used by traditional pump systems.
- Virtually eliminates field control requirements at the zone level.



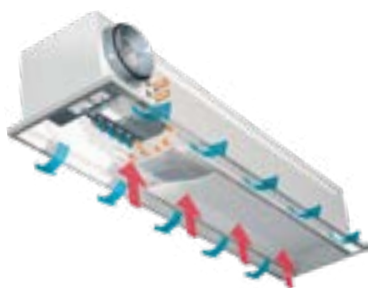
IQHC ACTIVE CHILLED BEAM

- Industry best capacity to energy consumption ratio
- Utilizes the lowest air and water pressure to enhance the overall energy benefit of chilled beams
- Universal duct and water connections for easy to installation
- Superior indoor air quality and energy efficiency.



LYRA II CASSETTE CHILLED BEAM

- Pi (Pressure Independent) Airflow control provides built-in flexibility
- Very low noise level combined with high flexibility and high cooling capacity
- Fastening brackets make for easy installation - only 1 person needed to install
- Diffuses air in 4 directions to provide high cooling capacity and high level of comfort



FLEXICOOL IQSA CHILLED BEAM

- Supply air beams are designed to manage high cooling effects
- Equipped with adjusting rails, comfort control, for the adjustment of air flow, cooling effect and flow pattern
- Capacity and flow directions easily adjustable
- Fastening brackets for quick and easy mounting - lift up - snap on



CHILLED BEAM WITH ACTUATED SLOTS (WEGA II / NOVA II / SILENCIA)

- Motorized Energy Control
- Flow pattern control to adapt to the frequent changes of the modern office
- Control and regulation equipment
- Heating function: water coil or electrical coils
- Lighting



QPVA PASSIVE CHILLED BEAM

- Provides convective cooling to a space without requiring air duct connection
- Designed for pendant or ceiling grid mount
- Lengths available include 4, 6, 8, 10, and 12 feet
- Utilized alone, or as a supplement to active chilled beams to reduce primary air required in a high sensible load room

EXCELLENCE IN SOLUTIONS

FläktGroup SEMCO

1800 East Pointe Drive / Columbia, Missouri USA / 573.443.1481 / sales.semco@flaktgroup.com

www.semcohv.com

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