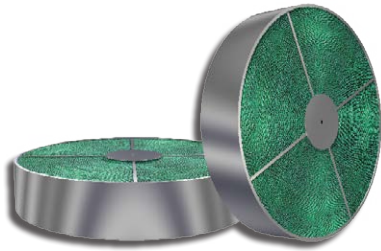




DESICCANT WHEEL PRODUCTS

EFFICIENT. EFFECTIVE. ENERGY SAVING.



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.



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



eQ SERIES

- Energy savings through efficient component design and operation
- High efficiency energy recovery with the right balance of pressure and effectiveness (RER)
- Robust frame and tight sealing configurable for both indoor and outdoor installation
- Airflow capacities range from 1,500 to 15,000 CFM



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



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



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



NEUTON™ CONTROLLED CHILLED BEAM PUMP MODULE

- Zone level water control for chilled beams
- Proactive condensation control
- Provides load matching with only necessary amount of cooling/heating that the space requires
- Variable speed pump maximizes energy savings
- Allows the beam coil to be dual temperature, maximizing the amount of both cooling and heating a beam can provide



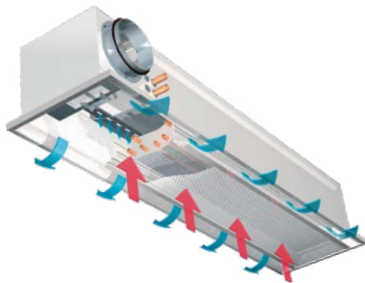
IQHC ACTIVE CHILLED BEAM

- 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 CASSETTE CHILLED BEAM

- 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)

- Energy Control
- Motorized Energy Control
- FPC
- Control and regulation equipment
- Heating function: water coil or electrical coils
- Lighting



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



1800 East Pointe Drive | Columbia, Missouri 65201 USA
 573 443 1481 | sales.semco@flaktwoods.com | www.semcohvac.com

**WE BRING
AIR TO LIFE**