

STEP INSIDE FOR A BREATH OF FRESH AIR.

For nearly 100 years, Modine has been the leader in technology and engineering in the HVAC industry. Responding to customer demands and the changing needs of the industry, Modine is proud to introduce the Atherion, our commercial packaged ventilation system with optional energy recovery.

Designed for ease of installation, energy efficiency and durability, the Atherion provides customers with a state-of-the-art solution for their dehumidification and ventilation needs.

- Now available in two cabinet sizes – 7.5 to 15 tons and 15 to 30 tons, with optional energy recovery
- Designed to meet latest ASHRAE 189.1 and 62.1 standards for IEER efficiency, green building and indoor air quality
- Modine Controls System – factory designed, programmed and installed integrated controls system standard on all units 
- Best-in-class MERV16 filtration
- Higher IAQ with up to 100% outside air ventilation
- Integrates Modine's proven PF™ microchannel condenser technology
- Cooling/Dehumidification Efficiency – Refrigeration circuit includes modulating tandem digital scroll compressors, PF™ microchannel condenser coils, variable speed condenser fan, head pressure controls and a modulating hot gas reheat coil
- Heating Efficiency – Only the Atherion offers a 90% efficient gas fired heating option with the proven Conservicore® Technology



Designed to meet latest ASHRAE 189.1 and 62.1 standards for IEER efficiency and indoor air quality.

No matter your location, Modine's Atherion is there.

Braemer Isles Condominiums, Florida

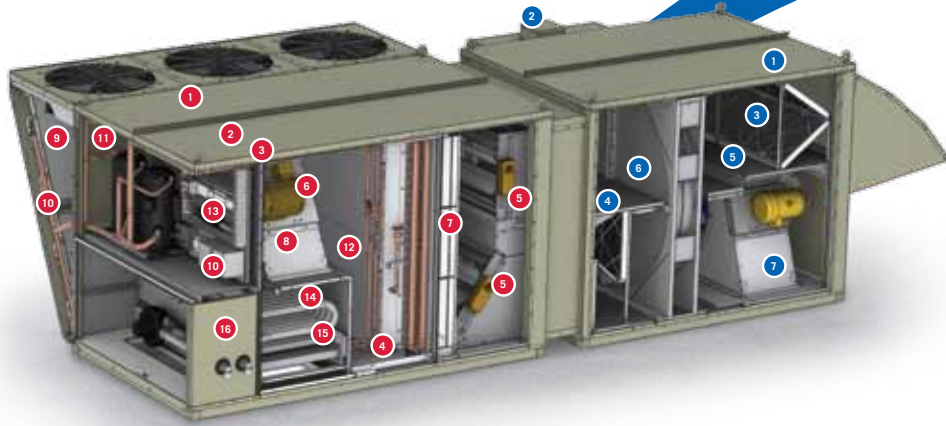


Moorpark College, California



Racine YMCA, Wisconsin





Construction

- 1 Robust 2" Double-Wall Construction
- 2 Baked-on, Post-Fabrication/Pre-Assembly, Electrostatically Applied Polyester-Powder Paint
- 3 Full-Length, Piano-Hinged Access Doors for Easy Access
- 4 Stainless Steel, Double-Sloped Drain Pan

Air Flow Management

- 5 Low Leak Class I Air Dampers
- 6 Energy Efficient Airfoil Plenum Fan

Filtration

- 7 Best-in-Class MERV16 Filtration

Serviceability & Maintenance

- 8 Slide-out, Pivoting Airfoil Plenum Fan

Refrigeration Circuit

- 9 PF™ Microchannel Condenser Coils from the Company that Invented them – Modine
- 10 Variable Speed Condenser Fan Head Pressure Control
- 11 Modulating Tandem Digital Scroll Compressors Standard on 10 to 30 Ton Units
- 12 Modulating Hot Gas Reheat

Controls

- 13 Modine Controls System with Optional Network Communication for Easy Building Automation Integration

Heating

- 14 Standard Stainless Steel Heat Exchanger
- 15 Optional High Efficient, Condensing Gas Heat
- 16 Optional Electric or Hot Water Heat

Energy Recovery Module

- 1 Max 8,700 CFM outdoor air
- 2 Built-in bypass for efficient economizer operation
- 3 MERV10 fresh air filters
- 4 Low static pressure, higher efficiency
- 5 Optional pre-heat for frost control
- 6 4Å Zeolite Coated Aluminum Wheel
- 7 Serviceability and Maintenance

The Atherion, Modine's 7.5 to 30 ton commercial packaged ventilation system, is the ideal solution to bring fresh, tempered outside air into a facility, regardless of geographic location.

Whether you are in the humidity-soaked air of the Southeastern United States, in the drier, milder air of the West, or the four-season-friendly confines of the upper Midwest and Northeast, the Atherion can be customized to meet your outside ventilation air requirements.

And by including the advanced Energy Recovery Module option, your system becomes a high efficiency, 100% dedicated outside air unit, potentially saving you thousands in annual energy costs.

For further technical data please see the full-line brochure, MCP15-110.



To learn more visit
www.ModineHVAC.com/Atherion
 or call 1.800.828.HEAT

