The HRM™ Series by Heat Pipe Technology

- 1,000 to 50,000 cfm systems
- Copper or Aluminum Fins
- 8 to 14 fpi spacing
- Standard and custom dimensions
- Corrosion protective coatings
- Galvanized or stainless Steel casings
- Drain pans
- Flange connections
- Dampers and Actuators
- HFC heat transfer fluid

A. Side-by-side horizontal air streams with heat pipes in a vertical plane.
B. Side-by-side vertical air streams with heat pipes in a horizontal plane.
C. Over-and-Under horizontal air streams with heat pipes in vertical plane.

The HRM™ Series are cost efficient and provide zero cross contamination at these facilities.

Contact Us Today!
Learn how our HRM™ Series can help qualify your next project to be U.S.G.B.C. LEED Certified.

Benefits of Certification:
- Recognition of quality building & environmental stewardship
- Third Party validation of achievement
- Qualification for state and local government incentives
- LEED Certification plaque for Building
- Official Certificate
- Marketing Exposure through USGBC website, case studies & media coverage

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The HRM™ Series of energy recovery heat pipes are passive, compact and highly efficient heat transfer devices. They are used to recover energy from exhaust air to pre-cool or pre-reheat outside air in comfort or process applications.
The HRM™ Series
Utilizing Passive Heat Pipe Heat Exchangers

State of the art heat exchangers based on the 3-D Heat Loop™ by Heat Pipe Technology are opening doors to new applications with low air pressure drop, compact design, high effectiveness, and trouble-free static installation.

The 3-D Heat Loop™ is a breakthrough in multi-row heat pipe design, where the “pumping” of the working fluid is achieved not only by the differences of temperature between the two air streams, but also by the ΔT between rows in the same air stream. The 3-D Heat Loop™ can transfer more mass of working fluid while using the same tubing diameter resulting in higher heat transfer capacities.

The HRM™ Series can earn you LEED points!

- No moving parts...years of uninterrupted energy savings
- Made with High Quality Copper tubes for Reliability and Longevity
- Separate liquid and vapor lines for maximum heat transfer effectiveness
- No tilting or mechanical seasonal changeover necessary
- Solid Partition between air streams for zero cross contamination
- Most Compact Design

Earn up to 37 out of a maximum of 69 LEED points by utilizing Heat Pipe Technology’s HRM™ Series.

- Energy and Atmosphere... Max points 17
- Indoor Environment Quality... Max points 15
- Innovation and Design... Max points 5

THE HRM™ SERIES vs. THE COMPETITION

Winter Heat Recovery Using Air Bypass for Defrost:
- Defrost mode in very cold climates
- Precise temperature delivery control
- Energy savings

For Moderate Seasons:
- Economizer mode...avoids unnecessary static energy loss
- Temperature control
- IAQ improvement

Summer Cooling Recovery:
- Markedly enhanced performance with direct and indirect evaporative cooling
- Energy savings

Heat Pipe Technology, Inc.