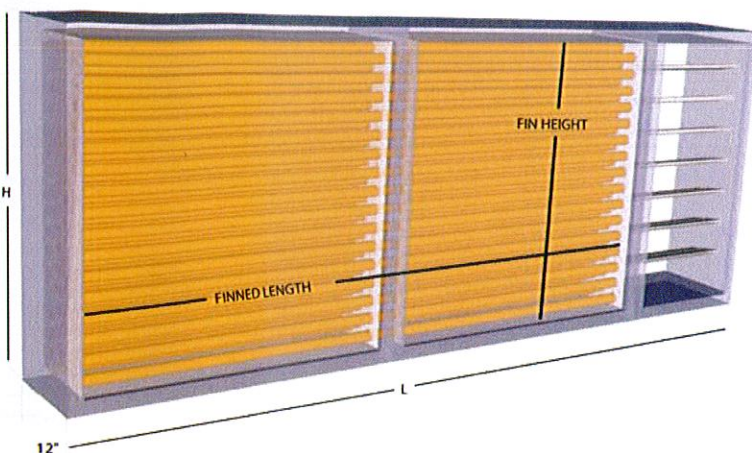
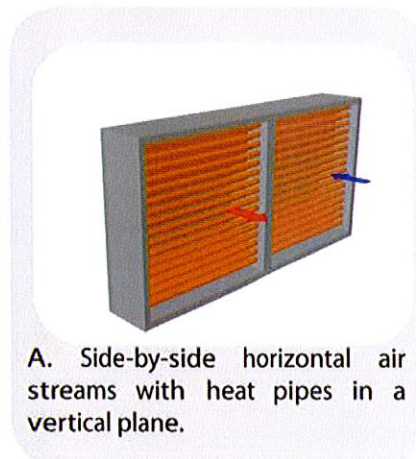


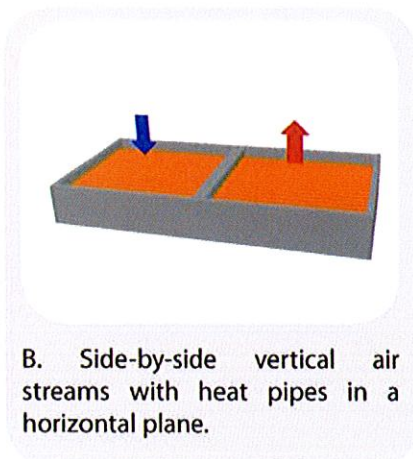
The HRM™ Series by Heat Pipe Technology



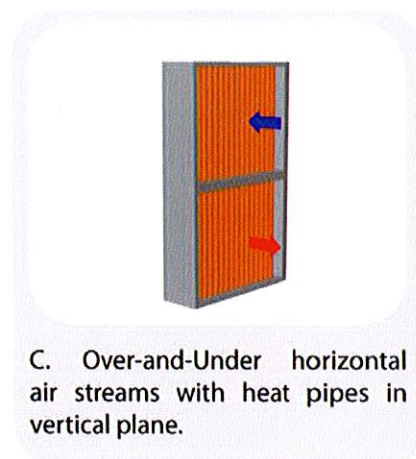
- ✓ 1,000 to 50,000 cfm systems
- ✓ Copper or Aluminum Fins
- ✓ 8 to 14 fpi spacing
- ✓ Standard and custom dimensions
- ✓ Corrosion protective coatings
- ✓ Galvanized or stainless Steel casings
- ✓ Drain pans
- ✓ Flange connections
- ✓ Dampers and Actuators
- ✓ HFC heat transfer fluid



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.



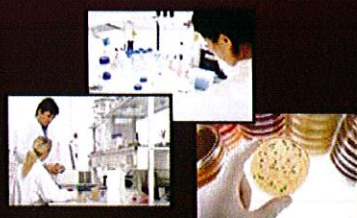
C. Over-and-Under horizontal air streams with heat pipes in vertical plane.

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

Hospitals



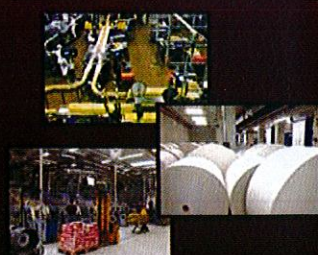
Laboratories



Universities



Manufacturing



a subsidiary of MiTek®,
a BERKSHIRE HATHAWAY Company
ADVANCED ENERGY RECOVERY & DEHUMIDIFICATION
4340 NE 49th Ave., Gainesville, FL 32609
Tel: (352) 367-0999 Fax: (352) 367-1688
Email: heatpipe@heatpipe.com
www.heatpipe.com

Your Authorized Representative:



Advanced Heat Pipe Pte Ltd

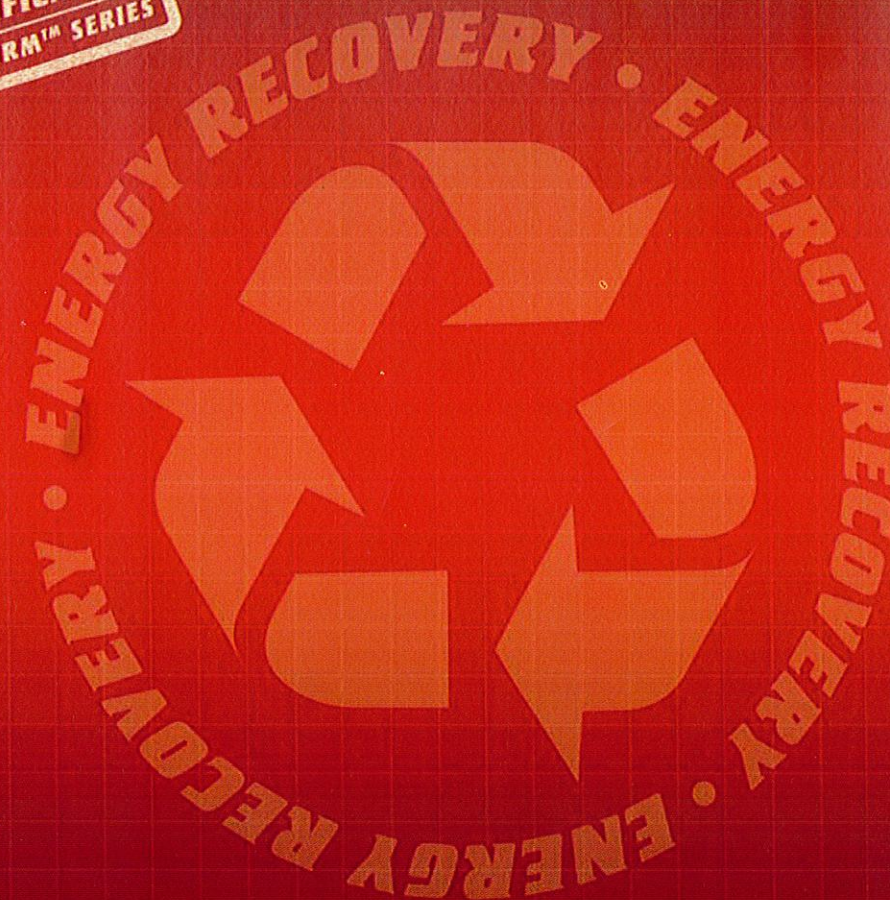
Blk 1 Ang Mo Kio Industrial Park 2A
#01-03 AMK Tech 1 Singapore 568049
Tel: (+65) 6481 1192 Fax: (+65) 6481 1102
Email: sales@advheatpipe.com.sg
www.advheatpipe.com.sg

LIT CODE: HRM VS-08/2011

The HRM™ Series

Utilizing Passive Heat Pipe
Heat Exchangers

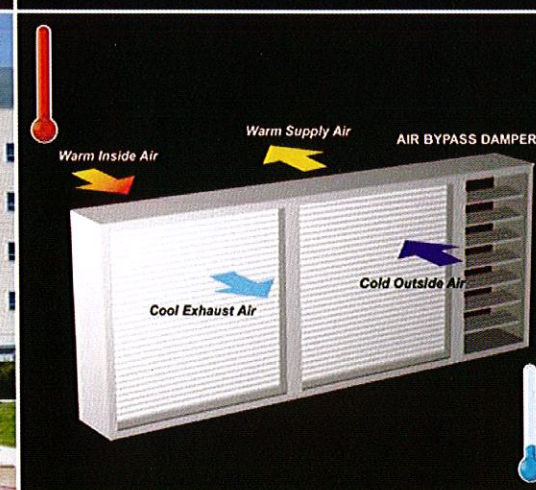
RECEIVE YOUR LEED
PLATINUM CERTIFICATION
DESIGN WITH THE HRM™ SERIES



The HRM™ Series



PASSIVE ENERGY RECOVERY SYSTEM



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-heat outside air in comfort or process applications.



a subsidiary of MiTek®,
a BERKSHIRE HATHAWAY Company
ADVANCED ENERGY RECOVERY & DEHUMIDIFICATION

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.

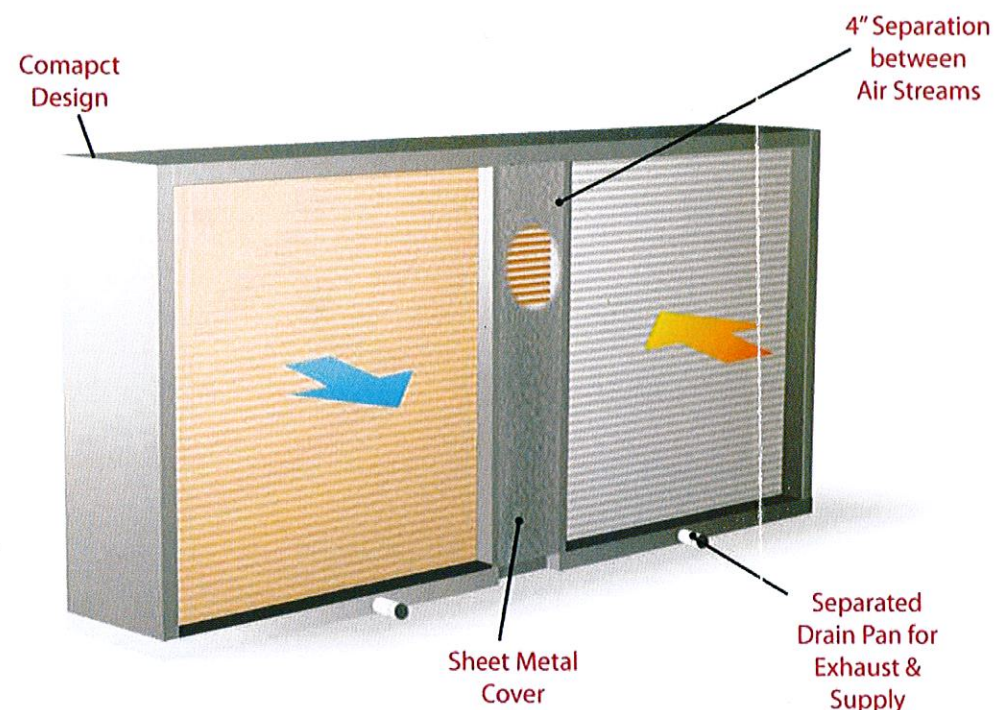
The 3-D Heat Loop™ is a breakthrough in multi-row heat pipe design, where the "pumping" of the working fluid is achieved not only by the differences of temperature between the two air streams, but also by the ΔT between rows in the same air stream. The 3-D Heat Loop™ can transfer more mass of working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

The HRM™ Series can earn you LEED POINTS!

Building Design and Construction

- ✦ Optimize Energy Performance
ER Credit 1
- ✦ Enhanced Refrigerant Management
ER Credit 4

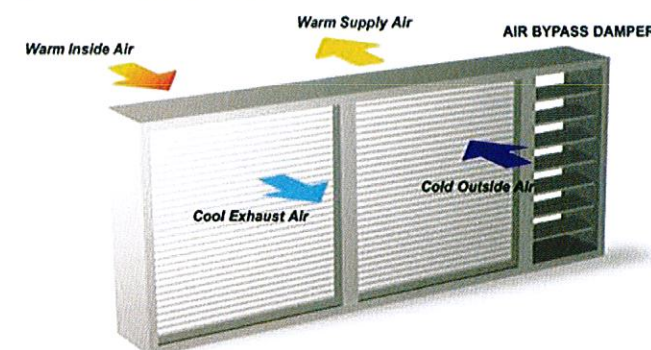
The NO CROSS CONTAMINATION Solution...



- ★ 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

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



THE HRM™ SERIES vs. THE COMPETITION

