

HEAT PIPE TECHNOLOGY

a subsidiary of **MiTek®** • a **Berkshire Hathaway** company
advanced energy recovery and dehumidification



THE HRM-V™ SPLIT PASSIVE SERIES

utilizing heat pipe heat exchangers

when side-by-side recovery is not possible

laboratories
sports complexes
medical buildings
manufacturing
educational facilities
data centers

The HRM-V™ Split Passive Series of energy recovery heat pipes are compact and highly efficient heat transfer devices. They are used to recover energy in process applications and from exhaust air to pre-cool or pre-heat outside air in comfort applications without the risk of cross-contamination.

heatpipe.com

The HRM-V™ Split Passive Series By Heat Pipe Technology

utilizing heat pipe heat exchangers



HPT is proud to introduce a breakthrough in energy conservation, designed for those applications where two air streams are separated by up to 100 ft. Best of all, it is still passive heat recovery where the only moving parts are the working fluid inside the tubes and the air to be treated.

These systems are designed for both process applications up to 200° F and comfort applications to pre-cool or pre-heat outside air from exhaust air.

Because of the phase change that characterizes heat pipe systems, 45% or more heat can be recovered from the warmer air stream.

This unique technology can recover heat for process applications in addition to summer only, winter only, or both in comfort applications.

Multiple circuits with proportional control valves or face and bypass dampers allow for capacity modulation, economizer mode, and defrosting applications in colder climates.

- Passive...No moving parts
- Multiple circuits for enhanced performance
- Optional control valves or face and bypass dampers for capacity, defrosting, and economizer control
- Separate liquid and vapor lines for maximum heat transfer
- Flexibility in dimensions and configurations to fit most applications
- Site completion by a factory technician to ensure compliance and trouble-free installation
- Applicable to retrofits and new construction

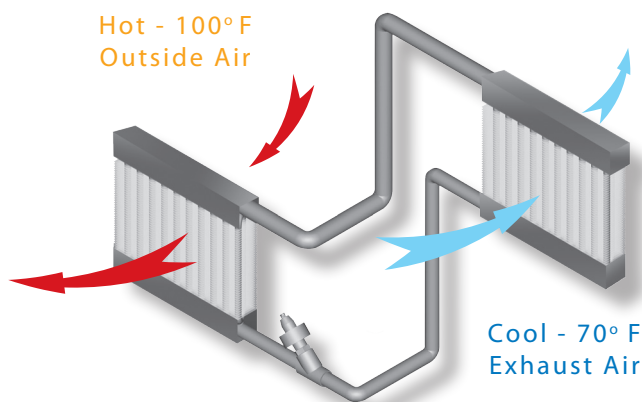
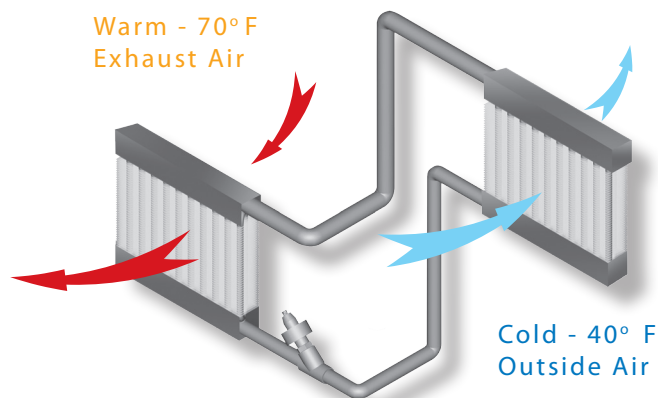
the no cross-contamination solution



Winter Only Recovery

when cooler outside air intake is above warmer exhaust air

- Maximum 100 ft. horizontal separation
- Maximum 50 ft. vertical separation
- Comfort and process applications



Summer Only Recovery

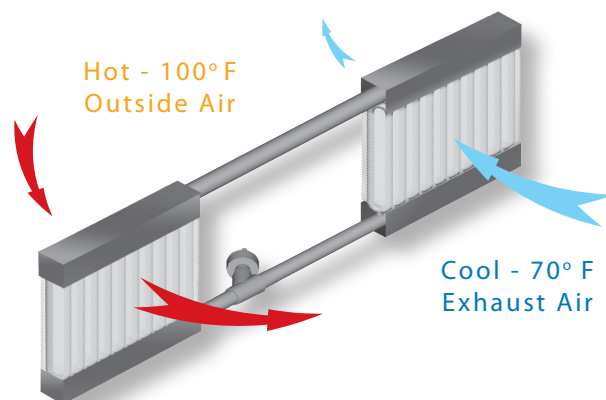
when warmer outside air intake is below cooler exhaust air

- Maximum 100 ft. horizontal separation
- Maximum 50 ft. vertical separation
- Indirect evaporative cooling for enhanced summer performance
- Comfort and process applications

Winter/Summer Recovery

when outside air intake is on the same level as exhaust air

- Maximum 40 ft. horizontal separation
- Indirect evaporative cooling for enhanced summer performance
- Comfort and process applications



The HRM-V™ Split Passive Series can earn you LEED points!

Call us for details 1 (800) 393-3464

The HRM-V™ Split Passive Series By Heat Pipe Technology

utilizing heat pipe heat exchangers

- 1,000 to 50,000 CFM systems
- Copper tubes and copper or aluminum fins
- 8 to 14 fpi spacing
- Corrosion protective coatings
- Galvanized or stainless steel casings
- Saving energy for over 30 years

Learn how our HRM-V™ Split Passive Series
can help qualify your next project to be
U.S.G.B.C. LEED Certified.

Providing cross-contamination free solutions for:



laboratories
sports complexes
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