



ACT HVAC ENERGY RECOVERY SOLUTIONS

PASSIVE SPLIT LOOP THERMOSYPHON AIR-TO-AIR HEAT EXCHANGER

BENEFITS- TRADITIONAL HEAT PIPE HEAT EXCHANGER

- Energy payback periods of 18-24 months
- No moving parts = less maintenance
- No cross-contamination of airstreams
- Captures building's energy for pre-cooling or pre-heating in a counter flow or split design
- Fully customizable coil sizing
- ASHRAE standard 62-2010 ventilation for acceptable indoor air quality
- Conforms to UL Standard 207 for heat pipe based HVAC system
- Turnkey solution ready for factory or on-site installation

PASSIVE SPLIT LOOP THERMOSYPHON AAHX

- Multiple configuration options, for use when ducting is not side-by-side or when 100% isolation is required
- Coil sections may be separated >100 feet apart and/or oriented at an angle to each other
- No pumps required
- Performance is comparable to a pumped glycol loop system
- Can be built as large as coils can be constructed
- Design flexibility, stackable and controllable
- High reliability, low maintenance needs
- Summer/Winter Energy Recovery possible

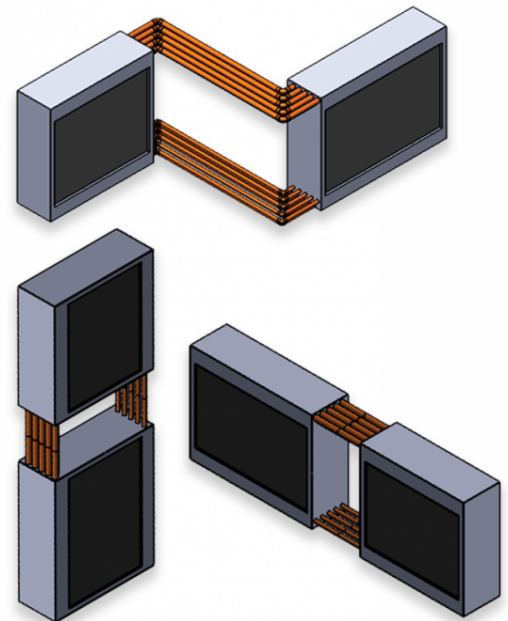
IDEAL APPLICATIONS

Dedicated outside air facilities following ASHRAE 90.1 installation recommendations, such as:

- Hospitals & Healthcare Facilities
- Government Facilities Labs
- Theaters
- Fitness Centers
- Universities
- Condos/Hotels
- Food & Restaurant Facilities

PERFECT FOR COVID RELATED IAQ ISSUES

available for new installations or as a retro-fit



PASSIVE SPLIT LOOP THERMOSYPHON AAHX CONFIGURATION