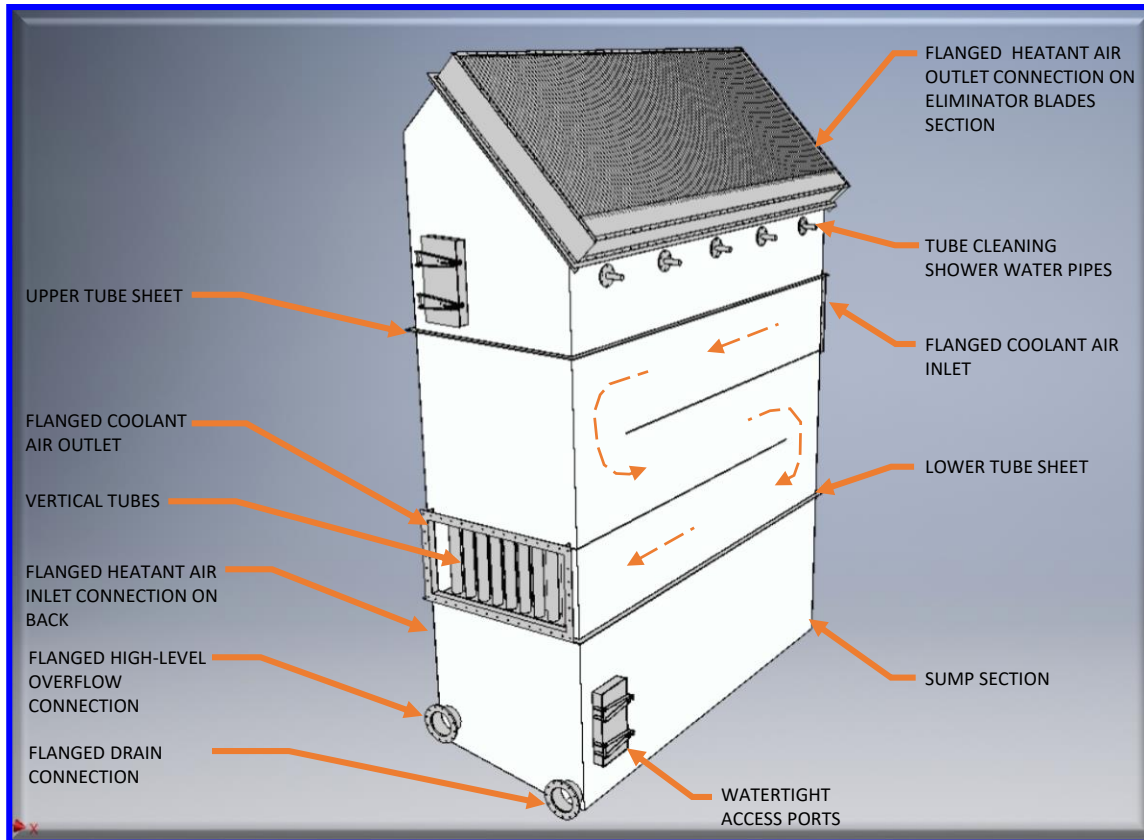


# AIR TO AIR HEAT RECOVERY



## Application:

- Indirect air to air heat recovery and condensate collection from humid air stream
- Air flow rates up to 150,000 scfm
- Up to 220°F inlet air operating temperature

## Features:

- Flanged air inlet and outlet connections
- Eliminator blades for mist removal
- Flanged drain and overflow connections
- Removable tube-cleaning shower headers
- Watertight access port for upper and lower plenums

## Benefits:

- The heated air is used for building make-up air or pre-heated process air
- Compact design
- Modular construction for easy installation
- Simple, reliable, and easy to maintain

## How it works:

- Hot air enters the bottom sump section and flows upwards through the vertical tubes
- The coolant air follows a semi-counter-flow serpentine pattern across the outside of the tubes
- The air is cooled and moisture condenses out,
- Droplets approaching the outlet are separated from the airstream with the eliminator blade section
- Intermittent tube-cleaning showers help keep the heat exchanger clean



**Engineering  
Alliance**