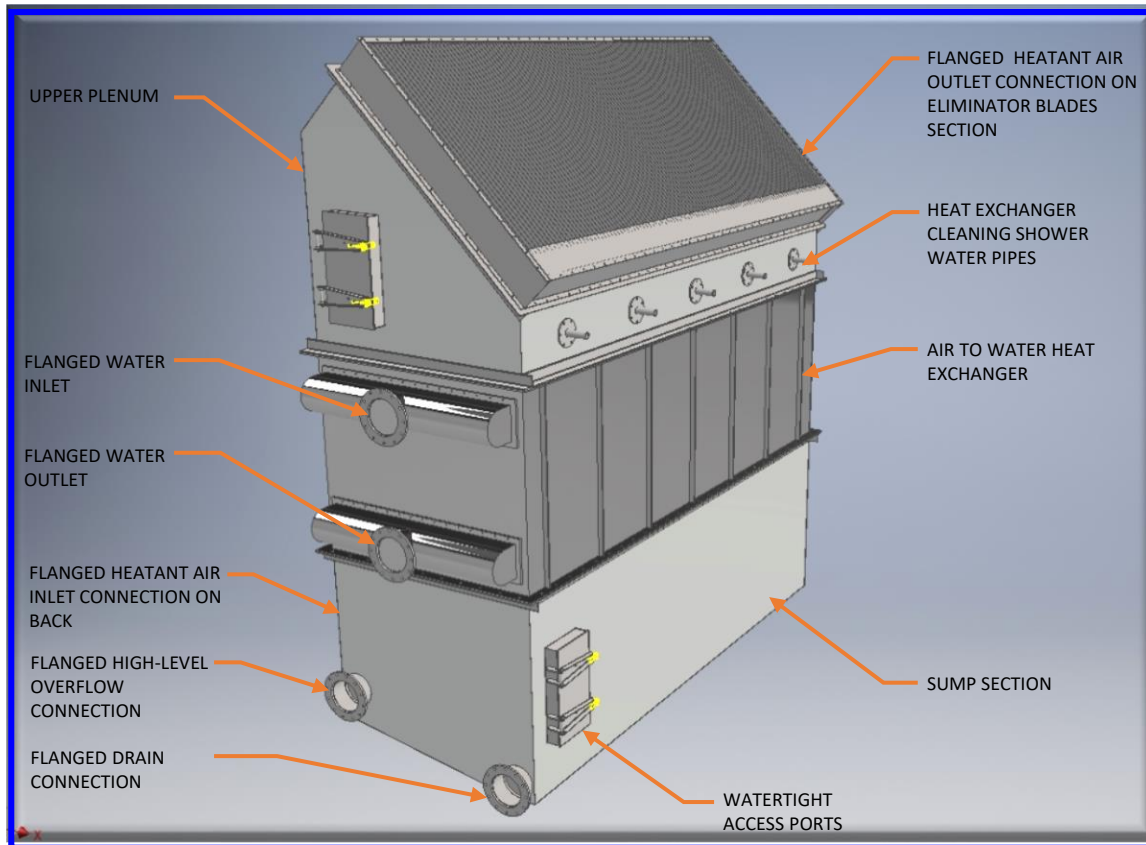


INDIRECT AIR TO WATER HEAT RECOVERY



Application:

- Indirect air to water 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 cleaning shower headers
- Watertight access ports for upper and lower plenums

Benefits:

- The heated water is used for process shower water, or in coils for heating building make-up air or pre-heating process air
- Compact design, and modular construction for easy installation
- Predictable heat recovery rate with calculable payback period

How it works:

- Hot air enters the bottom sump section and flows upwards through the air to water heat exchanger
- The water flows through a counter-flow serpentine pattern in the heat exchanger
- The air is cooled and moisture condenses out
- Droplets approaching the outlet are separated from the airstream with the eliminator blade section
- Intermittent cleaning showers help keep the heat exchanger clean

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