AIR-TO-AIR HEAT EXCHANGERS

Protect industrial cabinets from excessive internal heat build up

Air-to-Air Heat Exchangers for Industrial Cabinets

Mersen's Air-to-Air Heat exchangers are an ideal cooling solution for industrial cabinets in which heat generating semi-conductor switching devices such as IGBTs or SCRs are located. Our Air-to-Air Heat Exchangers are designed to move warm air away from the cabinet, then cool it by passing the air through a specially designed sealed heat sink, and finally re-direct the cooled air back into the cabinet. This simple yet efficient method completely isolates cabinet air from the external environment by creating a sealed self-contained closed loop cooling solution where no outside air (dust, pollutant, moisture) can enter the interior of the cabinet.

Features:

- Custom design and built in North America
- NEMA 4/4X available
- No moving parts
- Can be mounted internally or externally

Benefits:

- Best fit / performance each time
- Sealed thermal solution
- Long operational life time with no maintenance
- Maximizes the cabinet interior space use

Mersen designs and builds prototypes to ensure our customers' performance needs are met.
Please contact us at Thermal.MIS@thm.mersen.com or call us at + 1 905 795 0077
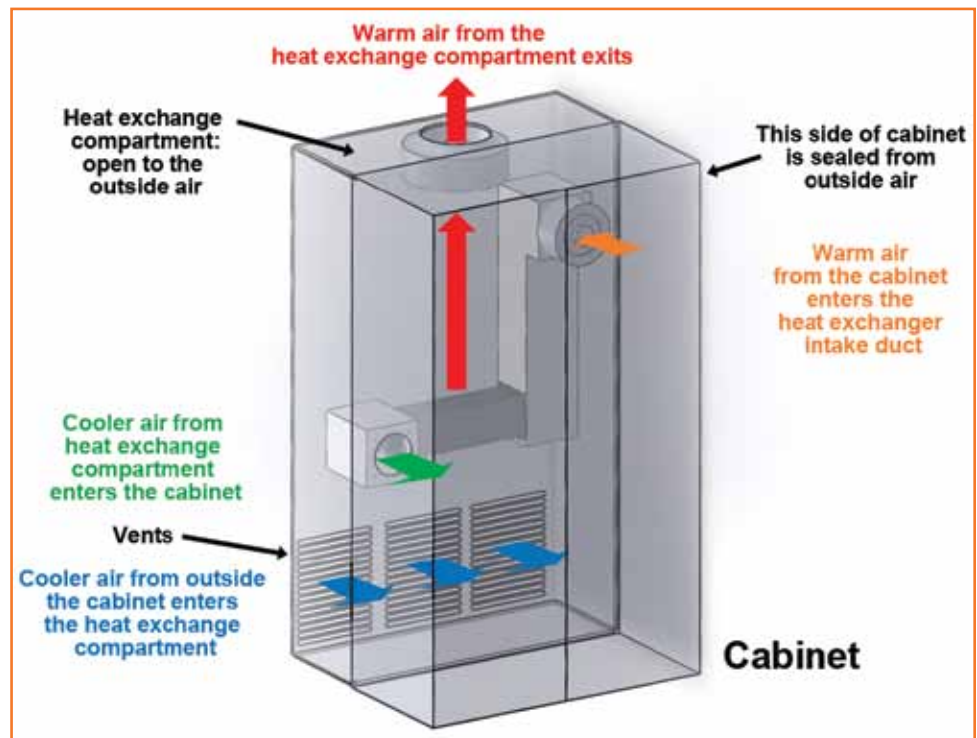
Example of air to air heat exchanger mounted behind a cabinet

![MERSEN]
Expertise, our source of energy

A WORLD LEADER
in electrical power.

A global expert in materials and solutions for extreme environments as well as in the safety and reliability of electrical equipment, Mersen designs innovative solutions to address its clients' specific needs to enable them to optimize their manufacturing process in sectors such as energy, transportation, electronics, chemical, pharmaceutical, and process industries.