

HEAT RECOVERY SYSTEMS



Our heavy duty series of air cooled heat exchangers are built to your specifications to maintain consistent quenchant temperatures without the cost, maintenance and explosion hazards associated with water cooled exchangers.

Our oil and polymer coolers feature one inch diameter steel tubes with helically wound aluminum fins expanded into a double grooved 3/4 inch thick tubesheet in a straight through, no "U"-bend design. Heavy removable covers eliminate gasket fatigue to assure leak-proof operation while a floating header allows the tubes to freely expand and contract to reduce stress.

All fans have aluminum propellers for spark free operation and are fitted with OSHA guards. Maintenance is simplified by easy access to fan motors and mountings without removal of access plates or covers.

STANDARD INDUSTRIAL COOLER DESIGN FEATURES

1. **REMOVABLE COVER PLATE:** Permits complete access to entire system.
2. **FLOATING HEADER:** Provides travel for thermal expansion.
3. **DEEP PLENUM CHAMBER:** To assure uniform air flow distribution.
4. **DIRECT DRIVE PROPELLER FANS:** Reduce operating and maintenance costs.
5. **MOTORS:** Nationally recognized with ball bearings for long life.
6. **PROPELLERS:** Made from aluminum for spark proof, long life operation.
7. **REMOVABLE TUBE BUNDLE:** For easy access to lower finned surface.
8. **PRIMED AND FINISH PAINTED:** To resist corrosion and extend life.
9. **DIVIDED AIR CHAMBERS:** Allows use of individual fans to save energy.
10. **REINFORCED STEEL:** To dampen vibration and extend life.

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