

Industrial Oil Coolers

Installation and Service

Inspection On Arrival

1. Inspect unit upon arrival. In case of damage, report immediately to transportation company.
2. Check rating plate on motor to verify that power input and motor specification requirements match available electric power at point of installation.
3. Inspect unit received for conformance with description of product ordered (including specifications where applicable).

Installation

1. Set unit level on a firm solid foundation. The larger oil cooler models have lifting holes to facilitate unit hoisting.
2. Add vibration isolators (by others). For non-standard units with belt-driven fans, specify vibration isolators that will provide rubber-in-shear as well as rubber-in-compression absorption. Avoid contact of oil or grease at vibration isolators.
3. Tighten anchor bolt fasteners firmly to foundation.

Piping

To avoid possible non-warranted damage to the oil cooler assembly, use the following piping precautions.

1. Use same size piping for supply and return connections at the oil cooler.

Piping Continued

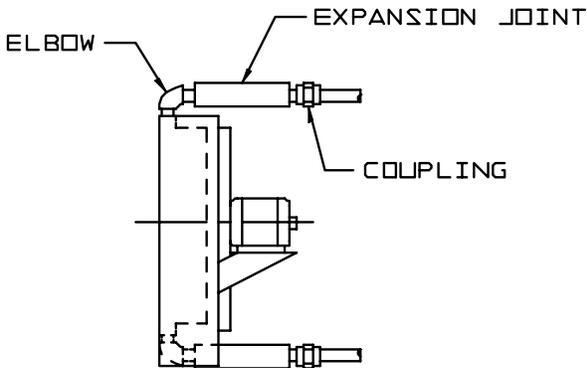
2. Allow for linear expansion and contraction of piping in the direction away from the oil cooler. Use flexible connectors or suitable expansion joints on all oil cooler inlet/outlet piping. See typical schematics below.
3. Select properly tensioned and aligned piping support clamps or hangers and position them to relieve any piping stress at the oil cooler inlet/outlets ports. Do not support from flexible connectors.
4. Provide piping disconnect on each inlet/outlet line with unions or flanges as close as feasible to oil cooler inlets/outlets for future oil cooler service.

Electrical Connection

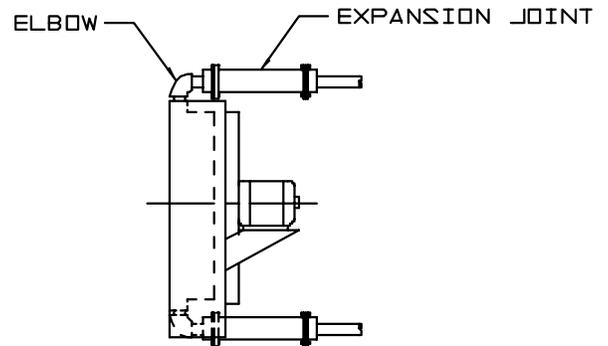
Follow wiring diagram furnished with fan motor. If fan rotation is in the wrong direction, (blow-through cooling is standard) interchange motor leads as recommended by motor manufacturer.

Service

For continuous efficiency oil cooler cores must be periodically cleaned with either vacuum or compressed air. If wet cleaning is required, shield motor and spray on a mild soap solution and flush with clear water. **CAUTION: Do not** use any cleaning solution that is **not** compatible with aluminum.



PIPING SCHEMATIC OF COOLER
WITH SCREWED CONNECTIONS



PIPING SCHEMATIC OF COOLER
WITH FLANGED CONNECTIONS