



Thermal Edge Inc.

TEMPERATURE CONTROL SOLUTIONS FOR ELECTRICAL ENCLOSURES

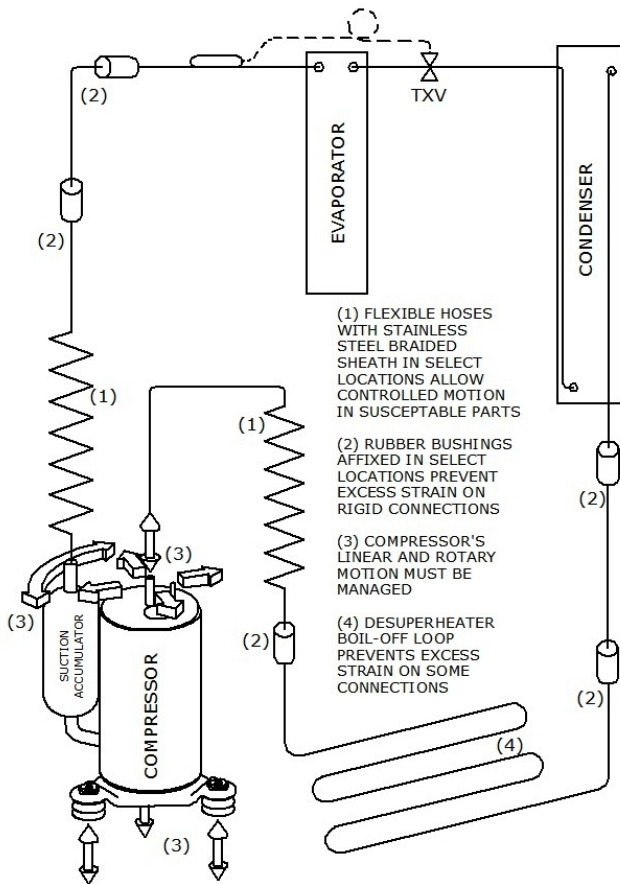
ACCESSORIES

VIBRATION PACKAGE

The Thermal Edge Vibration Package is designed to protect the air conditioner components from the effects of moderate vibration. Short rigid refrigerant lines connecting the compressor are replaced with shock absorbing loops to prevent work hardening and eventual fracture of the copper tubing. Fixed insulated clamps are used to restrict vibration at critical points. Pressure sensors are tied to the lines where motion might cause harmonic vibration and electrical lines are over wrapped where they might rub against hard parts.

For severe vibration in addition to the above steps taken, stainless steel flexible refrigerant lines are used to connect the compressor as opposed to the standard copper.

Please consult your Thermal Edge Representative for mounting considerations on severe vibration applications.



The vibration package consists of the following modifications:

- Fixed rubber connectors limit excess motion
- Stainless steel sheathed flexible connectors absorb side to side and rotary motion produced by the compressor
- Tubing through the boil off pan absorbs expansion and contraction
- Brazed connections at compressor are high temp silver solder to avoid hardening
- Flexible sensor lines are rubber coated
- Electrical connections are coated to prevent loss of contact
- All wiring is neatly bundled & tied to prevent vibration

All information subject to change without notice



UL File # SA32252