

Temprite™

Installation Instructions for Model:

TraxOil Electronic Oil Level Controls

TraxOil units are designed for use with Scroll and Reciprocating refrigeration compressors in commercial / supermarket applications.

These instructions are suitable for the installation of all TraxOil units. The different model numbers simply represent the type of adaptor supplied with each TraxOil unit.

TraxOil offers to the best of its knowledge the correct information but cannot be held responsible for discrepancies and variations between compressors and/or compressor manufacturers. Installers should check suitability with the respective compressor manufacturer for compatibility.

1. Shut off power to the compressor.
2. Isolate compressor and oil separator feed from system.
3. Recover or recycle refrigerant from compressor.
4. **Be sure compressor is depressurized.**
5. Remove sight glass from desired side of the compressor. Save bolts and O-ring.
6. There maybe a mesh baffle behind the sight glass on some Copeland compressors. Pry this out as it interferes with the oil injection.
7. Position the unit so it is level (Solenoid at the bottom).
8. Mount OLC with previously removed bolts and O-ring.
9. Pipe directly from the service valve on the oil separator to the brass inlet fitting on the TraxOil unit.
10. TraxOil units require 24vac supply at all times. (Allow 20va per unit). This unit is not designed for use with 24volts dc.
11. The TraxOil unit can switch up to 240vac on the switching relay.
12. The TraxOil unit should be powered at all times. Do not switch the supply on and off with the compressor, if you intend to use the alarm output.
13. Evacuate compressor and interconnecting lines.
14. Open any and all isolating valves, start compressor and test.
15. The float must be low (about 1/3 glass) for 10-15 seconds before the solenoid opens to add oil and the orange LED glows.
16. As the unit fills, the solenoid will remain on for a further 10 seconds after the level is satisfied. These timing functions prevent excessive solenoid operations:
17. Should the solenoid stay open for more than two minutes (indicating a shortage of oil supply) the alarm relay will open and the red LED will glow.
18. The switching relay should be wired so as to shut down the compressor in this state.
19. The relay is activated whenever the unit is powered up under normal conditions.
20. TraxOil units are configured as a "Fail Safe" alarm circuit. Disconnection of power to the unit will result in an "Alarm Condition".
21. There is no need to use the alarm circuit, however, all the alarms are connected in series and using one input is very useful.

**Got a Question? Call us at 1-800-552-9300 or check out our website at
www.temprite.com**