



**Installation Instructions for
Model:**

**All 920/930 Series, All 920R/930R Series,
Accessible Coalescent Oil Separators**

The 920 Series coalescent oil separators have an internal filter, installed at the factory.

The second filter is to be used as a replacement in 24 to 48 hours. **Remember,** Temprite coalescent filters will pick up all dirt and particulates down to 0.3 microns. Typical filter/driers only catch 50 microns or larger.

1. Locate the separator in a warm, draft free area, or wrap separator with insulation.
2. If using a low pressure oil level control with an "R" model separator, a pressure reducing valve is required on multiplexed compressors. (Temprite A-7 Valve)
3. Install the separator in a vertical position, close to the compressor, in between compressor and condenser, upstream (before) any bypass piping.
4. Special consideration should be given to the location so as not to impede future filter replacement or service.
5. Clamp and support the separator and piping properly to minimize vibration.
6. Discharge lines into and out of the separator must be the same size diameter as the separator connection size.
7. Install pressure taps in these lines for reading pressure drop across the separator or installing a Temprite Pressure Differential Indicator (PDI).
8. Charge the separator with the recommended amount of oil through the outlet connection before installing or starting the system.
9. Keep the separator cool when brazing.
10. If the oil separator is lower than the condenser, take precautions to keep liquid refrigerant out of the separator.
11. Frequently check oil level and pressure drop across the separator on new installations.
12. Change the filter after initial 24 to 48 hours of operation or if pressure drop across the separator exceeds 13 PSIG/.9bar.
13. Change the filter if dirt loading causes a pressure drop of 13 PSIG/.9 bar differential across the separator.
14. After a compressor burn-out, use a Temprite Clean-Up filter. Monitor the pressure drop. Install a Temprite standard filter when the pressure drop across the separator stays below 13 PSIG/.9 bar.
15. For "R" models, the oil level should be maintained between the two (2) sight glasses.

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