



**Standard Filter Replacement Instructions for
All 920 & 920R Series Coalescent Oil Separators: Accessible**

920 and 920R Series coalescent oil separators have a factory-installed Temprite Standard Filter. Remember: Temprite Standard Filters pick up all dirt and particulates to 0.3 microns. Typical filters only catch 50 microns or larger. Replace filter if dirt loading is above 13 PSID/0.9 bar differential across the separator.

1. Isolate oil separator from system.
2. Recover or recycle refrigerant from oil separator.
3. Make sure there is no internal pressure in the separator. Failure to do so may cause injury and/or damage to equipment.
4. Unbolt flange bolts and nuts. Put aside with washers, to be reused.
5. Use two (2) screwdrivers 180° apart to pry the top plate off.
6. Carefully remove top plate.
7. Remove filter retaining nut and sealing washer. Put aside filter nut, to be reused.
8. Remove old filter and filter's O-ring.
9. Make sure filter sealing surface inside separator is smooth and clean of dirt.
10. Install new Genuine Temprite™ Standard Filter.
 - 10.1 Apply a light film of oil to the O-ring on new filter and insert new filter into the separator so it is centered and the O-ring seats flush on sealing surface.
 - 10.2 Re-attach new sealing washer and filter nut.
 - 10.3 Tighten filter nut until filter will not turn.
 - 10.4 Tighten filter nut an additional 1 to 1-1/2 turns.
11. Thoroughly remove old gasket or O-ring from groove. Be careful not to scratch the steel surface.
12. For 926, 926R, 927, 927R, 928, 928R, 930 and 930R select correct gasket or O-ring to fit in groove. Discard extra gasket or O-ring.
13. Install new flange O-ring or gasket in groove dry, then apply oil.
14. Pre-charge the separator (see nameplate for quantity) with the correct type of oil.
15. On R models, fill to top sight glass (see nameplate for quantity) with the correct type of oil.
16. Re-attach top plate to flange by first, finger tightening nuts on bolts with lock washers, in between nut and flange face. Start with any given bolt, and gradually tighten firmly to 20-22 ft-lb of torque for 922-927s, 50-55 ft-lbs for 928s and 70-75 ft-lbs for 930s with nuts and 50-55 ft-lbs without nuts. Tighten in "opposite bolt" pattern.
17. Evacuate oil separator and interconnecting lines.
18. Return separator to operation, slowly open the isolating valves.
19. Monitor pressure drop and oil levels frequently.
20. Verify there are no gasket or O-ring leaks.
21. Continue to replace filters until the pressure drop stays below 13 PSID/0.9 bar.

**Got a question? Call us at 1-800-552-9300 or 1-630-293-5910
or check out our website at www.temprite.com**