



Filter Replacement Instructions for Model:	130 Series Accessible Coalescent Oil Separators
---	--

The 130 Series accessible coalescent oil separators have an internal filter, installed at the factory.

Remember, Temprite™ coalescent filters will pick up all dirt and effluent to .3 microns. Typical filter/driers only catch 50 microns or larger. Replace filter if dirt loading is above 13 PSI/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, washers, and nuts. Put aside for re-use.
5. Carefully remove top plate.
6. Remove filter retaining nut and sealing washer. Save filter nut for re-use.
7. Remove old filter and O-ring from bottom of old filter.
8. Make sure filter sealing surface inside separator is smooth and clean of dirt.
9. Install new genuine Temprite™ replacement filter. See oil separator label for replacement filter kit part number.
 - 9.1 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.
 - 9.2 Re-attached new sealing washer and filter nut.
 - 9.3 Tighten filter nut until filter will not turn.
 - 9.4 Tighten filter nut an additional 1/2 to 3/4 turn.
10. Remove old O-ring from top plate.
11. Place new O-ring in groove on top plate and apply a thin film of oil around the O-ring circumference and inner sealing surface inside separator.
12. Reassemble top plate, bolts, lock washers, and nuts.
13. Gradually tighten bolts in an alternating star pattern to 50 foot-lbs torque.
14. Return separator to operating service, slowly opening isolation valve so flow does not rush into oil separator.
15. Continue to monitor pressure drop and replace filters until the pressure drop remains below 13 PSI/0.9 bar.

**Got a question? Call us at 1-800-552-9300 or
email fgerleve@temprite.com**