Clean-Up® Filter Replacement Instructions for All 130 Series Coalescent Oil Separators: Accessible

Cleaning up after a compressor burn-out is easy with Genuine Temprite Clean-Up® Filters. The Clean-Up® Filter is designed for more "dirt loading" than our Standard 130 Series Filter. Just install a Clean-Up® Filter and when the pressure difference stays below 13.0 PSID/0.9 bar, your system is clean. Then replace the Clean-Up® Filter with our Standard 130 Series Filter and you'll have separation to 98.5% at 0.3 microns, saving you time and the rack owner energy costs.

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 with washers, to be reused.
5. Use (2) screwdrivers 180^0 apart to pry the top plate off. Carefully remove top plate.
6. Remove filter retaining nut and sealing washer. Put aside filter nut, to be reused.
7. Remove old filter and filter's O-ring.
8. Make sure filter sealing surface inside separator is smooth and clean of dirt.
9. Install new Genuine Temprite™ Clean-Up® 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 Install new sealing washer and saved filter nut.
   - 9.3 Tighten filter nut until filter will not turn.
   - 9.4 Tighten filter nut an additional 1 to 1-1/2 turns.
10. Remove old O-ring from top plate. Clean groove and place new O-ring in groove. Apply oil around the O-ring circumference and inner sealing surface inside separator's flange ring.
11. Place top plate (with O-ring side facing vessel opening) squarely over the vessel's flanged opening and use uniform pressure with both hands to press the plate squarely into the flange ring opening. If done properly, the O-ring should "snap" into the opening. If pressed in unevenly, the O-ring may not be properly sealed and there might be a gap between the top plate and the vessel's flange ring indicating an improper seal. If so, remove top plate, make sure the O-ring is not damaged, add more oil to the flange ring and O-ring, and reassemble again until the O-ring snaps into place. Re-attach bolts and lock washers.
12. Gradually tighten bolts in an alternating star pattern to 50 foot-lbs torque.
13. Return separator to operating service, slowly opening isolation valve so flow does not rush into oil separator.
14. Verify there are no O-ring leaks.
15. Continue to monitor pressure drop and replace filters until the pressure drop remains below 13 PSID/0.9 bar.

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Questions? Call 1-800-552-9300 or 630.293.5910 or email us at temprite@temprite.com