Coalescing Oil Separator Filter Replacement Instructions

Filter Specifications
Westermeyer Industry’s coalescing filter elements are over 99% efficient for a 0.3 micron oil mist and particulate.

Items Needed
To replace a coalescing filter the following items are necessary:
1. Evacuation pump
2. Standard Set of Wrenches
3. Refrigerant oil
4. Gasket scraper

Preparation
1. Isolate the oil separator from the system.
2. Evacuate all refrigerant.
3. Make sure there is no internal pressure on the separator.

Replacement
1. Remove bolts on top cover plate and remove plate.
2. Remove nut on top of filter.
3. Remove filter by pulling straight up.
4. Install new filter over threaded rod. Ensure filter is completely seated.
5. Place included filter cap on top of filter with rod passing through it (if applicable)
6. Install lock nut (with washer) on rod. Tighten to 1.5 ft*lbs on models with ¼” rod, 4ft*lbs on larger models. Over tightening can cause damage to the filter and/or filter rod. Under tightening may cause the filter to leak and not function properly.
7. Remove old gasket or O-ring in top cover plate and replace with supplied gasket or O-ring. Put a small amount of refrigerant oil on surface of gasket or O-ring.
8. Install lock nut (with washer) on rod. Tighten to 1.5 ft*lbs on models with ¼” rod, 4ft*lbs on larger models. Over tightening can cause damage to the filter and/or filter rod. Under tightening may cause the filter to leak and not function properly.
9. Reinstall cover plate and tighten bolts evenly. (Cover Plate Torque: 30 ft-lbs. for 3/8”, 300 ft-lbs for ¾”, 500 ft-lbs for 7/8”)
10. Discard additional O-rings or gaskets
11. Evacuate all air from the separator.
12. Open valves and turn system back on.
13. Check for leaks.

Accessories
Westermeyer Industries recommends using DP-01 pressure differential gauge with all coalescing oil separators to indicate when filter replacement is necessary.