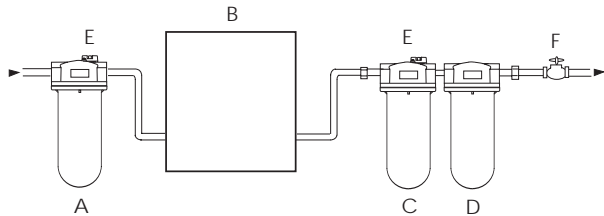


INSTALLATION

1. Purge downstream air line of oil.
2. Install the unit with the air flowing in the direction indicated by the arrow on the body and/or the DP2 indicator.
3. A drain line with 1/2" NPT connection may be attached to the drain port if desired. (The optional X02-04-FM0 external drain requires a 1/8" NPT connection). Drain line should be 1/4" tubing or larger, as short as possible, and crimp free.
4. Maximum inlet pressure and operating temperature ratings are: units with DP2: 150 psig (10,3 bar) 150°F (66°C); units with DP3: 200 psig (13,7 bar), 150°F (66°C); units without DP2 or DP3: 200 psig (13,7 bar), 175°F (80°C).

TYPICAL INSTALLATION (not to scale)



- A. PREFILTER** - It is recommended that a Wilkerson "B1" Element coalescing prefilter (particle removal down to 1.0 micron; maximum downstream remaining oil content 0.5 ppm/wt.) be installed upstream from the high efficiency coalescer filter to prolong element life.
- B. AIR DRYER** - (Refrigerative or Desiccant). An air dryer is recommended if water vapor condensation is a problem.
- C. HIGH EFFICIENCY COALESCE FILTER** - It is recommended that a Wilkerson "C" element coalescer filter (particle removal down to 0.01 micron; maximum downstream remaining oil content 0.01 ppm/wt.) be installed to protect the compressed air system from oil and particulate contamination.
- D. OIL VAPOR FILTER** - The Type D element filter (maximum downstream remaining oil content 0.003 ppm/wt.) is an adsorption type for removing oil vapors, oil-associated odors, whether petroleum base or synthetic base, and nearly 100% of any remaining solid contaminants.
- E. DIFFERENTIAL PRESSURE INDICATOR/GAUGE** - Maximum recommended pressure drop across coalescing filters is 7 psi (0,5 bar). This can be monitored by using the Wilkerson DP2 differential pressure indicator (standard) or the DP3 differential pressure gauge (optional).
- F. VALVE** - Do not use a valve or shutoff device in conjunction with a coalescing filter that will allow a momentary or surge pressure drop greater than 50 psig (3,4 bar). To avoid high surges which can either ruin the element or momentarily allow downstream contamination, use a slow-opening type valve.

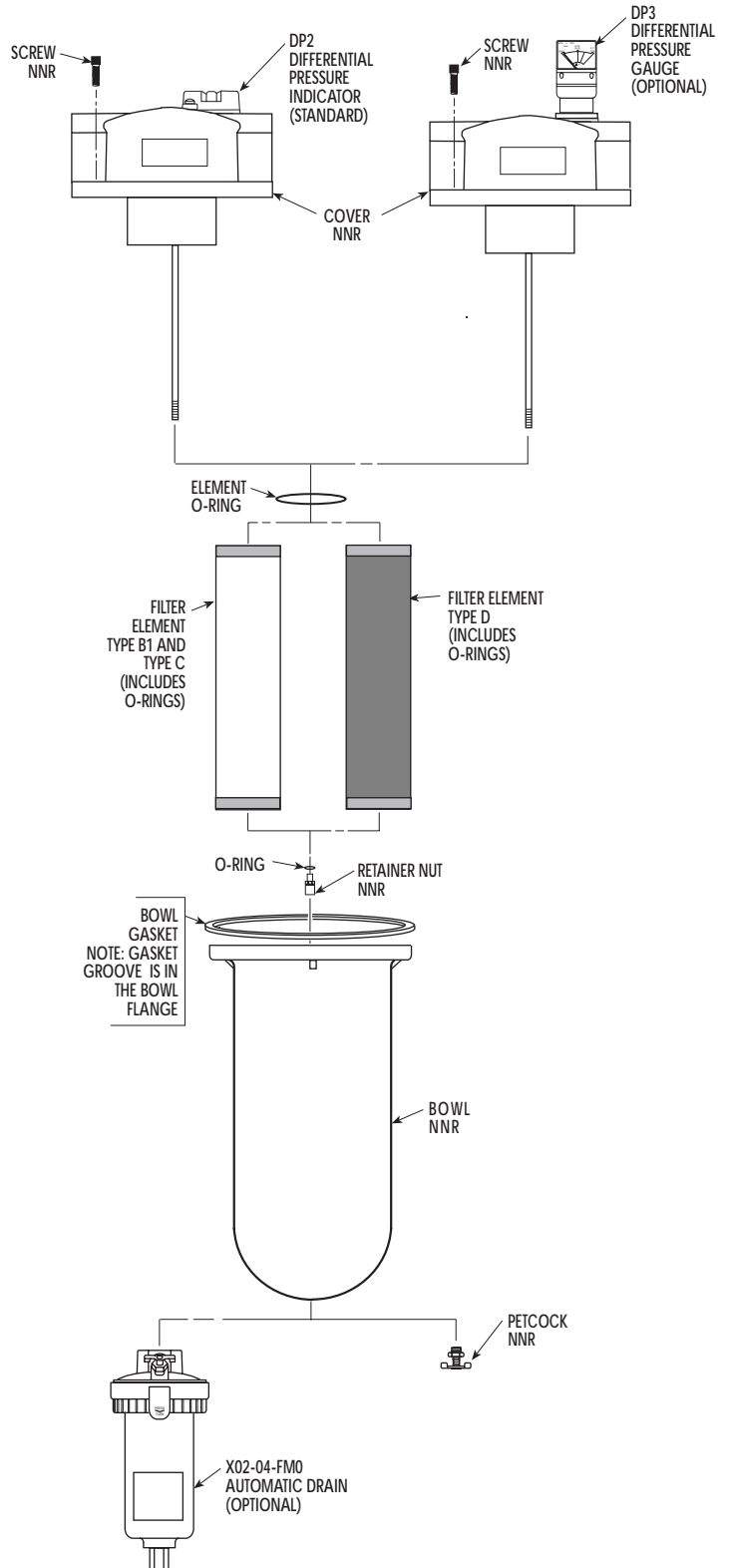
MAINTENANCE

1. The element operates effectively when it is saturated. The element's useful life will end only when the DP2 pressure indicator is completely red or when the DP3 reads 7 psi (0,5 bar). The element cannot be cleaned or reused and must be replaced at the end of its useful life.
2. IF THE UNIT HAS A MANUAL DRAIN, DRAIN THE UNIT ONCE EVERY 8 HOURS MINIMUM. If the unit is equipped with an external automatic drain clean the screen around the drain. Clean screen by blowing it off with an air blow gun.
3. When the bowl becomes dirty, clean by wiping with a dry, clean cloth.
4. Before placing the unit in service, make sure that the bowl is properly reinstalled, and securely bolted in place.

REPAIR KITS AND REPLACEMENT PARTS

M42-0A Type D Element Kit (carbon adsorption) (includes filter element and o-rings)	MXP-95-563
M42-0A Type C Element Kit (.01 ppm/wt) (includes filter element and o-rings)	MTP-95-560
M42-0A Type B1 Element Kit (.5 ppm/wt) (includes filter element and o-rings)	MSP-95-874
M42-0B Type D Element Kit (carbon adsorption) (includes filter element and o-rings)	MXP-95-564
M42-0B Type C Element Kit (.01 ppm/wt) (includes filter element and o-rings)	MTP-95-561
M42-0B Type B1 Element Kit (.5 ppm/wt) (includes filter element and o-rings)	MSP-95-875

(Replacement kits and parts continue on back page)



NNR=NOT NORMALLY REPLACED

REPAIR KITS AND REPLACEMENT PARTS

M42-0C Type D Element Kit (carbon adsorption) (includes filter element and o-rings)	MXP-95-565
M42-0C Type C Element Kit (.01 ppm/wt) (includes filter element and o-rings).....	MTP-95-562
M42-0C Type B1 Element Kit (.5 ppm/wt) (includes filter element and o-rings)	MSP-95-876
Bowl Gasket Kit	GRP-95-289
External Automatic Drain with Metal Bowl	X02-04-FM0
Differential Pressure Indicator (Standard).....	DP2-01-000
Differential Pressure Gauge (Optional).....	DP3-01-000