

WARNING

DO NOT PLACE PLASTIC BOWL UNIT IN SERVICE WITHOUT METAL BOWL GUARD INSTALLED

Plastic bowl units are sold only with metal bowl guards except miniature models. To minimize the danger of flying fragments in the event of plastic bowl failure, the metal bowl guards should not be removed. If the unit is in service without the metal bowl guard installed, manufacturer's warranties are void, and the manufacturer assumes no responsibility for any resulting loss.

IF UNIT HAS BEEN IN SERVICE AND DOES NOT HAVE A METAL BOWL GUARD, ORDER ONE AND INSTALL BEFORE PLACING BACK IN SERVICE..

CAUTION

Certain compressor oils, chemicals, household cleaners, solvents, paints and fumes will attack plastic bowls and can cause bowl failure. Do not use near these materials. When bowl becomes dirty replace bowl or wipe only with clean, dry cloth. Reinstall metal bowl guard or buy and install a metal bowl guard. Immediately replace any crazed, cracked, damaged or deteriorated plastic bowl with a metal bowl or a new plastic bowl and metal bowl guard.

**Some of the materials that will attack
polycarbonate plastic bowls.**

EXCEPT as otherwise specified by the manufacturer, this product is specifically designed for compressed air service, and use with any other fluid (liquid or gas) is a misapplication. For example, use with or injection of certain hazardous liquids or gases in the system (such as alcohol or liquid petroleum gas) could be harmful to the unit or result in a combustible condition or hazardous external leakage. Manufacturer's warranties are void in the event of misapplication, and manufacturer assumes no responsibility for any resulting loss. Before using with fluids other than air, or for non-industrial applications, or for life support systems consult manufacturer for written approval.

INSTALLATION

1. Refer to the warning on front page.
2. Purge downstream air line of oil.
3. Install as close as possible to point where air is being used.
4. Install the unit with the air flowing through the body in the direction indicated by arrow on body.
5. Maximum inlet pressure and operating temperature ratings are: transparent plastic bowls, 150 psig (10,3 bar) and 125°F (51,7°C); metal bowl

TYPICAL INSTALLATION

- A. PREFILTER-It is recommended that a 5-micron-rated prefilter, be installed upstream from the coalescer filter to prolong element life.
- B. AIR DRYER-(Refrigerated or Desiccant) An air dryer is generally preferred to optimum results, but is optional.
- C. OIL VAPOR FILTER- The Type D element is an adsorption type for removing oil vapors, oil-associated odors, whether petroleum base or synthetic base. Element service life is approximately 1200 hours.
- D. DIFFERENTIAL PRESSURE GAUGE-Maximum recommended pressure drop across coalescer filters is 10 psi (0,7 bar). This can be monitored by installing a differential pressure gauge.
- E. VALVE-Do not use a valve or shutoff device in conjunction with a coalescer filter that will allow a momentary or surge pressure drop greater than 50 psi (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 resistance to flow becomes too high and the maximum permissible pressure is reached. The element cannot be cleaned or reused and must be replaced at the end of its useful life.
2. Drain the unit at least once per shift.
3. When bowl becomes dirty replace the bowl or clean by wiping