

WARNING

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

Plastic bowl units are sold only with metal bowl guards. 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..

For information on materials harmful to plastic bowls, contact a Mobay Chemical or General Electric office for information regarding materials that will attack polycarbonate plastic.

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.

| | | |
|----------------------------------|----------------------------|------------------------------|
| Acetaldehyde | Chlorobenzene | Methylene chloride |
| Acetic acid (conc.) | Chloroform | Methylene salicylate |
| Acetone | Cresol | Milk of lime (CaOH) |
| Acrylonitrile | Cyclohexanol | Nitric acid (conc.) |
| Ammonia | Cyclohexanone | Nitrobenzene |
| Ammonium fluoride | Cyclohexene | Nitrocellulose lacquer |
| Ammonium hydroxide | Dimethyl formamide | Phenol |
| Ammonium sulfide | Diozane | Phosphorous hydroxy chloride |
| Anaerobic adhesives and sealants | Ethane tetrachloride | Phosphorous trichloride |
| Antifreeze | Ethyl acetate | Propionic acid |
| Benzene | Ethyl ether | Pyridine |
| Benzoic acid | Ethylene chlorohydrin | Sodium hydroxide |
| Benzyl alcohol | Ethylene dichloride | Sodium sulfide |
| Brake fluids | Ethylene glycol | Styrene |
| Bromobenzene | Formic acid (conc.) | Sulfuric acid (conc.) |
| Butyric acid | Freon (refrig. & propell.) | Sulphural chloride |
| Carbolic acid | Gasoline (high aromatic) | Tetrahydronaphthalene |
| Carbon disulfide | Hydrazine | Tiophene |
| Carbon tetrachloride | Hydrochloric acid (conc.) | Toluene |
| Caustic potash solution | Lacquer thinner | Turpentine |
| Caustic soda solution | Methyl alcohol | Xylene |
| | | Perchloroethylene and others |

Trade names of some compressor oils, rubber compounds and other materials that will attack polycarbonate plastic bowls.

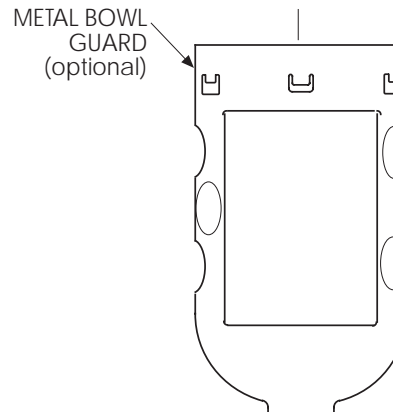
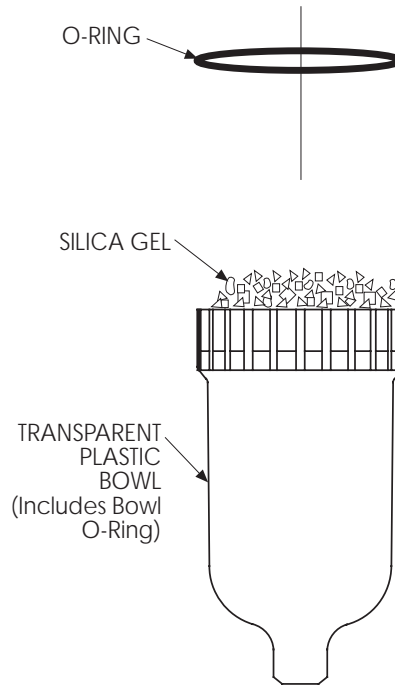
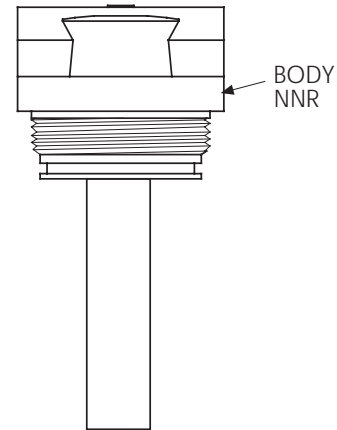
| | |
|---------------------------------------|------------------------------------|
| Atlas "Perma-Guard" | National Compound #N11 |
| Buna N | "Nylock" VC-3 |
| Cellulube #150 and #220 | Parco #1306 Neoprene |
| Crylex #5 cement | *PermaBond 910 |
| *Eastman 910 | Petron PD287 |
| Garlock #98403 (polyurethane) | Prestone |
| Haskel #568-023 | Pydraul AC |
| Hilgard Co.'s hil phene | Sears Regular Motor Oil |
| Houghton & Co. oil#1120.#1130 & #1055 | Sinclair oil "Lily White" |
| Houtosafe 1000 | Stauffer Chemical FYRQUEL #150 |
| Kano Kroil | Stillman #SR 269-75 (polyurethane) |
| Keystone penetrating oil #2 | Stillman #SR 513-70 (neoprene) |
| *Loctite 271 | Tannergas |
| *Loctite 290 | Telar |
| *Loctite 601 | Tenneco anderol #495 & #500 oils |
| Loctite Teflon-Sealant | Titon |
| Marvel Mystery Oil | *Vibra-tite |
| Minn. Rubber 366Y | Zerex |

*When in raw liquid form.

We cannot possibly list all harmful substances, so check with Mobay or the General Electric office for further information on polycarbonate plastic.

CAUTION

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.



NNR=NOT NORMALLY REPLACED

83-303-000 REV REL 8/95
Printed in the U.S.A.

INSTALLATION

1. Refer to the warning.
2. Install downstream of dryer or where required.
3. Install the unit with the airflow in direction of arrow.
4. Silica gel changes from dark blue to pink to indicate 10% relative humidity, reactivating itself when dry air flows through unit.

MAINTENANCE

1. Under normal conditions this unit will be trouble free with no maintenance required.
2. The silica gel will require changing if oil or other contamination enters the unit.
 - A. TO DISASSEMBLE-shut off air, vent pressure from unit and unscrew bowl.
 - B. Clean bowl with clean dry cloth only.
 - C. Fill bowl with 25 grams of color-indicating silica gel and screw onto bowl.
3. DO NOT PRESSURIZE UNIT unless bowl is secured in place.

REPAIR KITS AND REPLACEMENT PARTS

| | |
|-------------------------|-------------------|
| Silica Gel (0.67) | DRP-95-303 |
| Plastic Bowl Unit | GRP-95-857 |
| Metal Bowl Guard | GRP-96-309 |

