

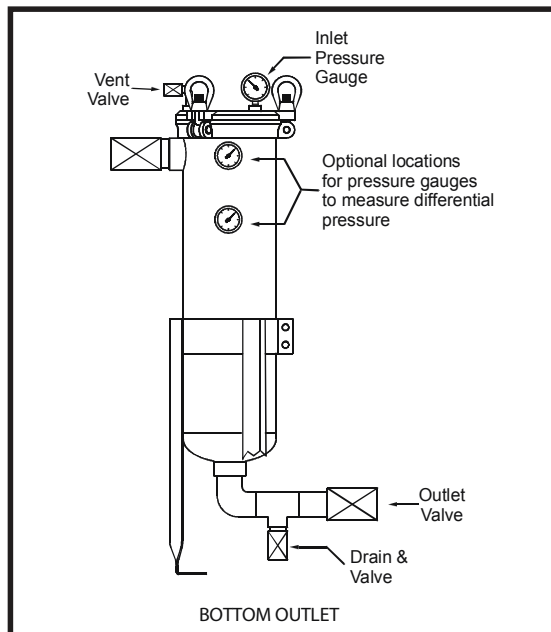
MODEL 80 FILTER BAG HOUSING EYE BOLT DESIGN 125 PSI MAXIMUM PRESSURE

OPERATION AND
SERVICE GUIDE
O-0305
JUNE 2006

I. INSTALLATION

1. Unpack the filter housing and check for damage which may have occurred during shipping. Report any damage to carrier and vendor.
2. Remove all plastic protective caps from the inlet & outlet.
3. After positioning the housing in the desired location, the adjustable tripod legs should be secured to the floor. Some installations may require a wall mounting bracket. Others may not require either legs or brackets.
4. There are two 1/4" NPT ports on the cover. One can be used for the inlet pressure gauge and the other for the vent valve.
5. Two 1/4" NPT ports are provided on the side of the housing if it is desired to measure differential pressure.
6. Install the filter bag basket in the housing in the basket holder.
6. Insert the filter bag in the basket making sure the bag is firmly sealed in the basket holder.
8. Install the cover gasket.
9. Close the cover and alternately tighten the four eye bolt assemblies evenly to provide a positive leak proof seal.

TYPICAL INSTALLATION DIAGRAMS



YOUR MODEL 80 FILTER BAG HOUSING IS NOW
READY FOR OPERATION.

II. OPERATION

START UP

1. All valves should be closed.
2. Turn the pump on.
3. Open inlet valve slowly.
4. Open vent valve. Close the vent valve as soon as liquid runs out. With hazardous liquids provide proper precautions for operator safety. If the vent valve is not opened, an air pocket could develop in the housing.
5. Slowly open the outlet valve.
6. Once the required flow rate has been established, the filter will operate until dirty.
7. The filter bag should be changed when the differential pressure reaches 15 psi.

CHANGING THE FILTER BAG

1. The pump should be turned off.
2. Close the inlet valve.
3. Close the outlet valve.
4. Relieve the pressure in the housing through the vent valve.

CAUTION: Do not at any time remove or loosen cover bolts before draining. Failure to open the drain valve and vent valve can result in the liquid in the housing being under pressure. Liquid may spray out when bolts are loosened causing personal injury or damage to equipment.

5. Drain the housing by opening the drain valve. Air can be used to facilitate draining if required.
6. Remove the filter bag from the housing and properly discard. A handle is provided on all bags.
7. Remove and clean the filter bag basket if required.
8. With the bag basket in place, install the new filter bag in the basket and properly set it in the filter bag basket holder.
9. Clean and inspect the cover gasket and groove. Replace the gasket if necessary.
10. Close the cover and alternately tighten the four eye bolt assemblies evenly to provide a positive leak proof seal.
11. You are now ready to follow the start-up procedure again.

III. REPLACEMENT PARTS

PART NO.	DESCRIPTION
P80CG-B	Buna N Cover Gasket
P80CG-E	Ethylene Propylene Cover Gasket
P80CG-V	Viton Cover Gasket
P80CG-T	Teflon Cover Gasket
P80PF4S-1B	#1 Size (14" Long) 304 S.S. Filter Bag Basket
P80PF6S-1B	#1 Size (14" Long) 316 S.S. Filter Bag Basket
P80PF4S-2B	#2 Size (28" Long) 304 S.S. Filter Bag Basket
P80PF6S-2B	#2 Size (28" Long) 316 S.S. Filter Bag Basket
P80EN	Eye Nut - Carbon Steel
P80EB	Eye Bolt - Carbon Steel
P80CP	Clevis Pin Assembly - Carbon Steel

IMPORTANT NOTICE:

Warranty: In the event any SERFILCO Ltd. product is found to be defective in material, workmanship, or not in conformance with any express warranty for a specific purpose, SERFILCO Ltd. only obligation and your exclusive remedy, shall be to repair, replace or refund the purchase price of such parts or products upon timely notification thereof and substantiation that the product has been stored, maintained and used in accordance with SERFILCO written instructions.

Exclusions to warranty: this warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, except of title and against patent infringement.

LIMITATION OF LIABILITY: Except as provided above, SERFILCO Ltd. shall not be liable or responsible for any loss or damage, whether direct, indirect, incidental, special or consequential, arising out of sale, use or misuse of the sellers products, or the user's inability to use such products.

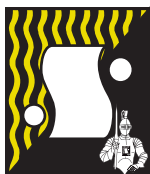
THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.

It is important that you analyze all aspects of your application. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.



WARNING

Failure or improper selection or improper use of the products and/or systems described herein or related items can cause death, personal injury and property damage.



SERFILCO[®], LTD.

2900 MacArthur Blvd. 847-509-2900
Northbrook, IL 60062-2005 U.S.A. 800-323-5431
e-mail: sales@serfilco.com FAX: 847-559-1995
www.serfilco.com