

| MODEL | DESCRIPTION | | PART NO. |
|-------|---|-----------------------------------|---------------------------------|
| G1 | Pressure gauge mounted on stainless steel pigtail | 0-60 PSI | 99-0730 |
| G2 | Pressure gauge mounted on polypropylene gauge guard with EPDM diaphragm and 2" CPVC nipple (Item 6) | 0-60 PSI 0-15 PSI | 99-0731 99-0731A |
| G3 | Pressure gauge mounted on gauge guard with EPDM diaphragm. For use with pre-drilled filter chamber cover without vent port on side of cover. | 0-60 PSI 0-15 PSI 0-160 PSI | 99-0732 99-0732A 99-0732C |
| G3A | Same as G3 with cover mounted CPVC vent valve assembly (Item 10) included. For use with vent port on side of cover | 0-60 PSI | 99-0732B |
| G4 | Pressure gauge mounted on PVDF & polypropylene gauge guard with Viton diaphragm and PVDF nipple. Vent plug assembly (Item 11) included. | 0-60 PSI 0-15 PSI | 99-1222 99-1222A |
| G4A | Pressure gauge mounted on polypropylene gauge guard with EPDM diaphragm and polypropylene nipple. Vent valve (Item 12) included. | 0-60 PSI 0-15 PSI | 99-1399 99-1399A |
| | Pressure gauge mounted on CPVC & polypropylene gauge guard with EPDM diaphragm and CPVC nipple. Vent valve (Item 12) included. | 0-60 PSI 0-15 PSI | 99-0733 99-0733B |
| G5 | Pressure gauge mounted on polypropylene and CPVC gauge guard with EPDM diaphragm, CPVC vent valve assembly (Item 10) and flange. (Use on Sentry Filter Chamber covers). | 0-60 PSI | 99-0734 |
| G7 | Pressure gauge mounted on PVC & polypropylene gauge guard with EPDM diaphragm, vent valve assembly (Item 10) and threaded cover adapter. | 0 - 160 PSI | 78-0078 |

INSTALLATION OF GAUGE GUARD ASSEMBLIES

⚠ CAUTION - System pressure must be relieved & valves closed to prevent backflow if equipment was in operation. DO NOT operate gauge guard assembly without plug, gauge and PSI switch installed. Diaphragm rupture may occur.

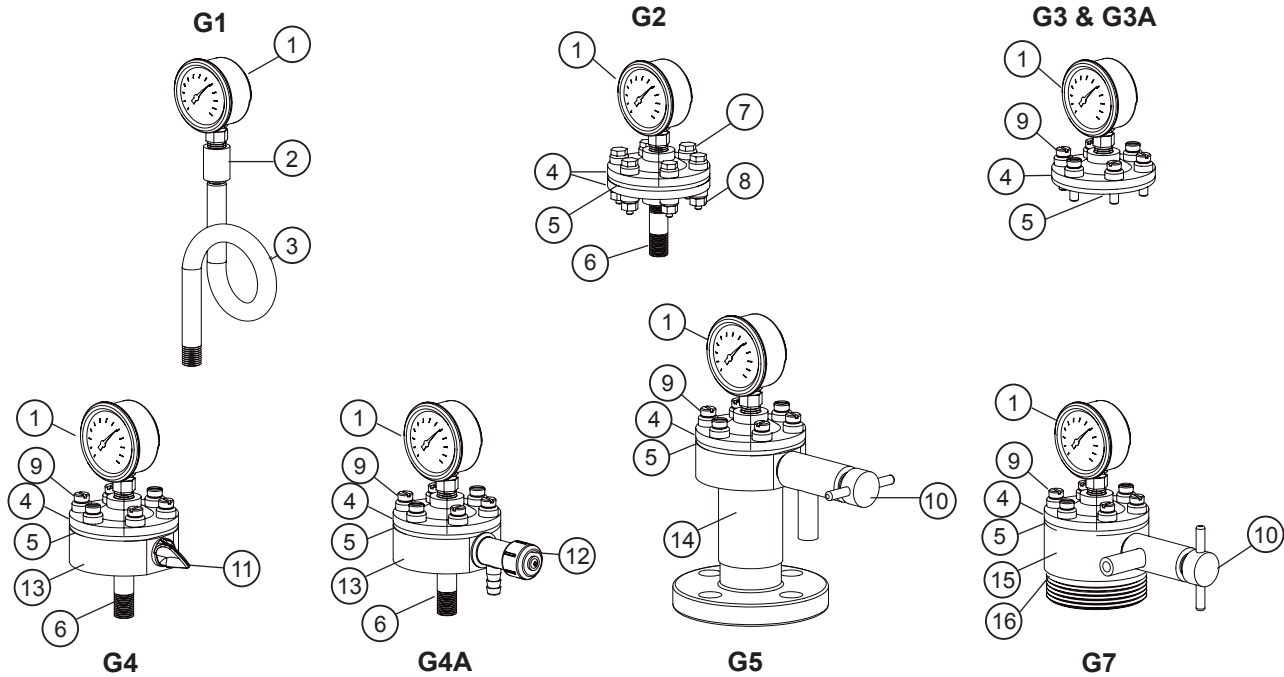
- A. Provided as original equipment for new SERFILCO purification/ filter chamber.
- All assemblies, except G1, G3, and G3A, are shipped with glycerine above diaphragm. The glycerine will transmit chamber pressure to the pressure gauge. DO NOT remove top pipe plug until step 3.
 - Install gauge assembly onto chamber cover if packaged separately. (Some assemblies are not factory installed in order to prevent shipping damage). Tighten all bolts & threads to prevent leakage.
 - Remove pipe plug and install pressure gauge. Tighten to prevent leakage of glycerine.
 - When tightened, gauge needle should rest on stop pin or slightly off of it.

- B. Provided new or for replacement on any purification/ filter chamber.
- All assemblies, except G1, G3, and G3A, are shipped with glycerine above diaphragm. The glycerine will transmit chamber pressure to the pressure gauge. DO NOT remove top pipe plug until step 3.
 - Install gauge assembly onto assembled cover. Tighten all bolts & threads to prevent leakage.
 - Remove pipe plug and install pressure gauge. Tighten to prevent leakage of glycerine.
 - When tightened, gauge needle should rest on stop pin or slightly off of it.
- C. Gauge assemblies with an 'A' suffix in the model number have a vent plug or valve assembly provided for venting air from the chamber. Open the valve or plug until liquid escapes, then close & tighten.



GAUGE GUARD ASSEMBLIES

2900 MacArthur Blvd. Northbrook, IL. USA 60062 www.serfilco.com (800) 323 - 5431



| ITEM | DESCRIPTION | MODEL | PART NO. |
|------|---|---|------------------------------------|
| 1 | Pressure gauge* - stainless steel 0-15 PSI 0-60 PSI 0-160 PSI | G1, G2, G3, G4, G4A G1, G2, G3, G3A G4, G4A G3, G7 | 99-1500 99-1502 99-1504 |
| 2 | Coupling, 1/4" - stainless steel | G1 | 33-0403 |
| 3 | Pigtail syphon tube, 1/4" - stainless steel | G1 | 99-0103 |
| 4 | Retainer - glass filled polypropylene (G2, 2 req'd) | ALL except G1 | 99-0208 |
| 5 | Diaphragm - EPDM (standard) - Viton® | ALL except G1 | 99-0136 A 99-0136 1 |
| 6 | Nipple 1/4" NPT x 3" - CPVC - polypropylene - PVDF | G2, G4, G4A G2, G4 G2, G4 | 33-0097 33-0097-PP 33-0097-K |
| 7 | Hex bolt, 1/4"-20 x 1 1/2" - stainless steel (6 req'd) | G2 | 11-0332 |
| 8 | Hex nut, 1/4"-20 - stainless steel (6 req'd) | G2 | 11-0107 |
| 9 | Fillister head screw, 1/4"-20 x 1" - stainless steel (6 req'd) | G3, G3A, G4, G4A G5, G7 | 11-0275 |
| 10 | Vent valve assembly, 3/8" NPT - CPVC | G3A, G5, G7 | 33-0051 |
| 11 | Vent plug assembly, 1/4" NPT - PVDF w/EPDM "O"-ring 1/4" NPT - PVDF w/Viton "O"-ring | G4 | 88-2833 88-2822 |
| 12 | Vent valve, 1/4" NPT - polypropylene | G4A | 33-8108-PP |
| 12A | "O"-ring - EPDM (std) - Viton (optional) | G4A | 22-0870 22-0870-V |
| 13 | Adapter plate, for vent plug 1/4" NPT - CPVC - PVDF - polypropylene | G4, G4A | 99-0123 99-0286 99-1398 |
| 14 | Adapter column, for vent valve with 1" mounting flange - CPVC | G5 | 99-0158 |
| 15 | Adapter assembly, for vent valve -PVC | G7 | 99-0346 |
| 16 | 'O'-ring - EPDM - Viton | G7 G7 | 22-0690 22-0692 |

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*Filter chamber may be provided with different gauge.