



Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage in which Pumptec, Inc. will not assume any liability for! Retain instructions for future reference.

SERIES 9025 PRESSURE REGULATING MULTI FUNCTION CONTROL SYSTEM (MFCS)



INSTALLATION OF THE 9025 PRESSURE REGULATING MULTI-FUNCTION CONTROL SYSTEM (MFCS)

1. Locate the pressure regulating MFCS where it is most convenient for the operator.
2. Use MFCS mounting holes as a template for marking and drilling the mounting surface.
3. Attach the MFCS with 4 bolts, washers and lock nuts.
4. Attach 1/2" discharge hose to pump with hose clamps. Route discharge hose to the 1/2" brass hose barb inlet of MFCS. Cut hose to length. Attach hose with hose clamps.
5. Attach 3/4" bypass hose to 3/4" poly hose barb with hose clamps. Route 3/4" bypass hose to tank. Cut to length and in-stall with hose clamp.

NOTE: The MFCS must have open flow in the bypass line. Any restriction in the bypass return line could cause erratic performance or a chattering noise.

OPERATION OF THE SERIES 9025 PRESSURE REGULATING MULTI-FUNCTION CONTROL SYSTEM (MFCS)

1. **ALWAYS** start system with the bypass ball valve open (handle parallel to ports).

2. **ALWAYS** run unit for 1-5 minutes to assure all air bubbles and debris are eliminated.
3. **GRADUALLY** close bypass ball valve and watch pressure rise. If pressure rises above desired level, open by-pass ball valve and loosen pressure adjustment knob.
4. Once the bypass valve can be completely closed, adjust pressure to desired level.
5. The approximate maximum pressure for the various color springs is:

Pink 40-50 PSI	Blue 70-80 PSI
Red 140-150 PSI	Silver 210-220 PSI

MONTHLY MAINTENANCE OF THE 9025 PRESSURE REGULATING MULTI-FUNCTION CONTROL SYSTEM (MFCS)

1. Remove pressure adjustment knob.
2. Remove spring and brass spring retainer, noting position of retainer as you remove.
3. Remove piston with needle nose pliers, noting position of the u-cup as you remove.
4. Clean piston/u-cup assembly and piston/u-cup bore in body with soft towel.
5. Lubricate piston/u-cup assembly with "Super Lube" or other similar Teflon/silicone lubricant.
6. Install piston/u-cup into bore using a gentle circular motion. (You will notice the piston slide into the bore.)
7. Lubricate spring retainer piston socket with "Super Lube".
8. Install spring retainer with piston socket toward mating part on piston.
9. Install spring.
10. Lubricate threads in pressure adjustment knob with "Super Lube".
11. Install pressure adjustment knob to maximum pressure setting and then loosen 3 turns.
12. Read and follow operation instructions.