



For Part Numbers Starting with **78-24****

WARNING:

Models constructed of carbon steel are not suitable or warranted for use in water or corrosive applications.

The filter must be protected from freezing to prevent cracking, which would result in leakage.

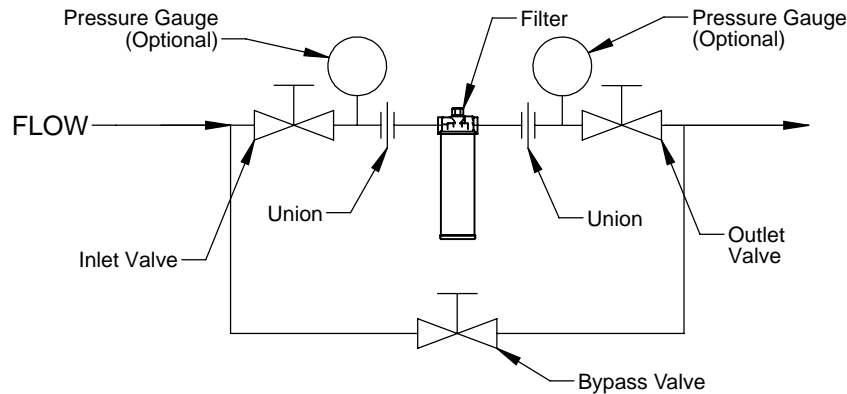
MAXIMUM OPERATING PRESSURE: 250 PSI (17 BAR) @ 275 F (135 C)

INSTALLATION

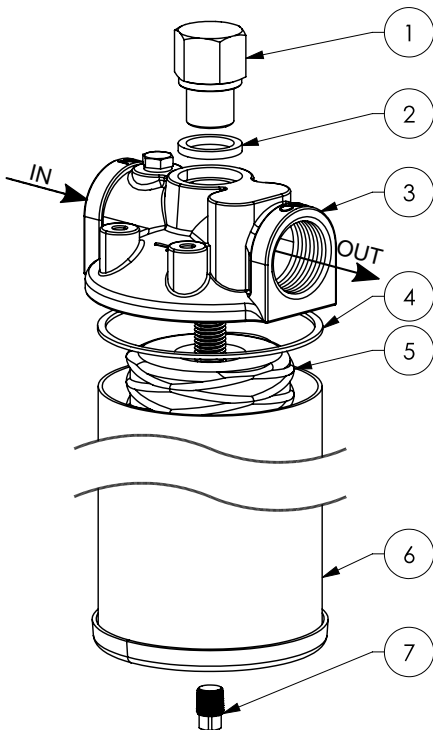
A recommended installation is shown below with shut-off and bypass valves to isolate the housing for ease of changing cartridges. Also recommended is the installation of unions on either side of the filter to facilitate installation and removal of the housing. Ensure that the direction of flow indicated by the arrow on the head is consistent with your process.

DO NOT INSTALL BACKWARDS. If your housing is equipped with gauge ports, install suitable pressure gauges.

Otherwise, it is recommended that pressure gauges be installed in the inlet and outlet piping, as shown below, as an indicator of remaining cartridge life.



CARTRIDGE INSTALLATION OR REPLACEMENT



1. Close inlet and outlet valves; open bypass valve. Open ⑦ drain plug and allow housing to drain.
2. Loosen the ① cap nut and separate the ⑥ shell from the ③ head. If the components do not separate readily, gently tap the underside of the shell to loosen it from the head.
3. Check the ④ shell gasket for damage. Replace if necessary NBR: 22-0951-B, PTFE: 22-0951-T, FKM: 22-0951-V.
4. Remove old ⑤ cartridge and insert the new cartridge over the center rod and centering spring, making sure the cartridge seats properly on the support at the bottom of the ⑥ shell.
5. Check the ② cap nut gasket for damage and replace if necessary NBR: 22-0950-B, PTFE: 22-0950-T, FKM: 22-0950-V. Lubricate the cap nut shaft to prevent binding of the gasket during installation.
6. Reassemble the ⑥ shell to the ② head, taking care to align the top edge of the shell with the groove in the head.
7. Tighten the ① cap nut to 20 to 25 ft-lbs of torque. Close the ⑦ drain plug at the bottom of the shell.
8. Open the inlet and outlet valves; close the bypass valve. If a leak appears, repeat all except step 4 above to adjust alignment and gasket seating. If the leak persists, the gaskets should be replaced.