



Adjustable Pressure Regulator

Congratulations on your purchase of an adjustable inline pressure regulator from Buckeye Hydro. These instructions cover both the pressure regulator, and the pressure regulator kit. Not all aspects of the instructions apply to both products. Read the directions through in their entirety before you begin the installation. Start by carefully removing and inspecting all parts. Note the regulator has one 1/4" inlet port and three 1/4" outlet ports. No ports can be left open during operation of the regulator.

Parts List:

	Regulator	Quick Connect Fitting for 1/4" Tubing	1/4" Plug	Liquid-filled Pressure Gauge
Pressure Regulator	1	0	2	0
Pressure Regulator Kit	1	2	2	1

If you purchased the Kit, place two wraps of Teflon tape around the threads on the quick connect fittings and install each fitting in a 1/4" port. Don't over-tighten. Take note of the proper direction of water flow through the regulator as indicated by the "in" and "out" labels on the bottom of the regulator. Place two wraps of Teflon tape around the threads on the pressure gauge, and install the gauge in one of the 1/4 inch "out" ports.



Install the pressure regulator after assuring the direction of water flow matches the labels on the bottom of the Regulator, and that the ends of the tubing inserted into the fittings are trimmed squarely and are without any burrs. To adjust the water pressure, loosen the locking nut beneath the knurled knob. Rotate the knob clockwise to increase the pressure, and counterclockwise to decrease the pressure. Tighten the nut to lock the knob in place. Inspect the regulator while it is under pressure to identify any leaks.

Repeat the inspection again after a day or two of operation.

Buckeye Field Supply is not responsible for any damage caused by leaks. *The user bears full responsibility to assure the regulator is not leaking.*

Do not operate your RO or RODI system above the pressure range specified by the manufacturer. Buckeye Hydro systems can be operated up to a maximum of 80 PSI.

Specifications:

Maximum inlet pressure: 300 PSI.

Outlet pressure range: 0 PSI to 125 PSI.

Operating temperature range: 33° to 150°F

Ports: 1/4" FNPT