



**3/4" LOW FLO PLASTIC**



**3/4" PLASTIC**



**1 1/2" PLASTIC**



**2" X 4 PLASTIC**



**2" X 6 BRASS**



**3" X 10 BRASS**

**PRESSURE REGULATING UNIT**

It's quick and simple to change pressures with a one-piece sealed pressure regulating unit. Each pressure option has a different regulating unit and each regulating unit can be used in any size pressure regulator body.

**APPLICATIONS**

- All irrigation systems
- Drip and sprinkler

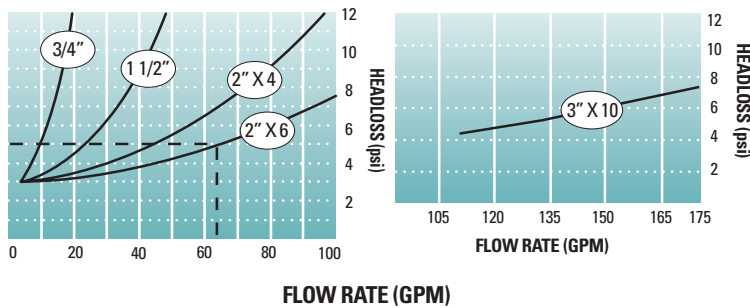
**FEATURES**

- Instant response to variations in pressure assures outlet pressure will remain constant regardless of inlet pressure.
- Non-corrosive, high quality plastic and brass bodies withstand commonly used fertilizers and chemicals.
- Sealed regulating unit with stainless steel spring and a screw are field replaceable and easy to maintain.
- Built-in operating indicator visually shows when proper outlet pressure is achieved (except 3/4" low flow).
- No leakage due to tight seal from rubber diaphragm.
- Flow ranges from .25 to 175 GPM.

**SPECIFICATIONS**

- Maximum operating pressure: 145 psi
- Available pre-set pressures: 9, 12, 15, 20, 25, 30, 35, 43, 50, 57 and 65 psi
- 3/4" low flow pre-set pressures: 15, 20, 25, 35 and 42 psi
- Connections:
  - 3/4" - female x male threaded
  - 1 1/2" - male threaded
  - 2" x 4 - female threaded
  - 2" x 6 - female threaded
  - 3" x 10 - female threaded
  - 3/4" low flow - female threaded

**FLOW RATE VS. PRESSURE LOSS**



**FLOW RANGE & REGULATING UNITS**

MODEL	FLOW RANGE (GPM)	REGULATING UNITS
3/4" LOW FLOW	.25 - 4.4	-
3/4"	4.5 - 17.5	1
1 1/2"	11 - 35	2
2" X 4	22 - 70	4
2" X 6	33 - 105.6	6
3" X 10	35 - 175	10

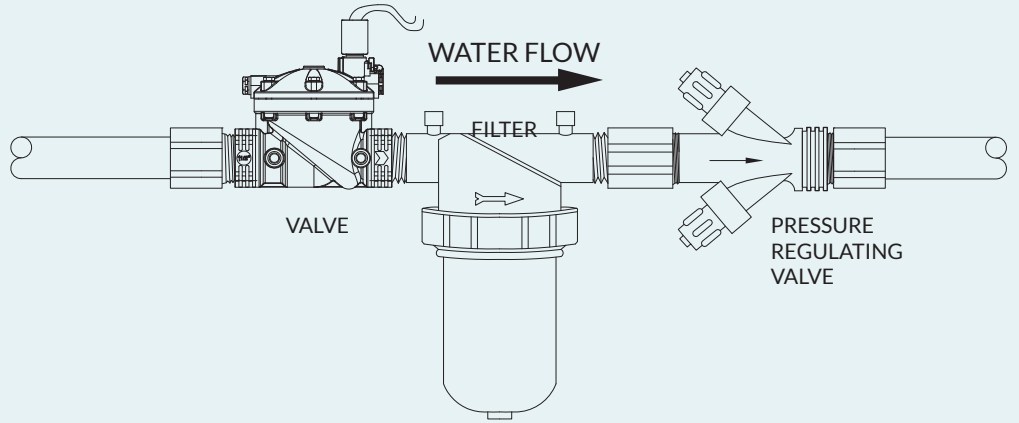
**Installation**





### INSTALLATION

The Pressure Regulating Valve (PRV) should be installed downstream of the shutoff valve and filter, and close to the emitter as possible. This will prevent the pressure loss caused by the valve, filter or any other device to effect the pressure target. When selecting the pressure rating of the PRV spring, the downstream friction loss should be taken into consideration.



### RELATED PRODUCTS



**Electric Valves**  
Provides automatic control of your irrigation system.



**Drip Irrigation**  
Put water exactly where its required. Very efficient water use compared to sprinklers.



**Manual Valves**  
Control the flow of water.



**Flow Meters**  
Measure the consumption of water.



**Filters**  
Remove sediment from water to prevent plugging of emitter orifices.



**Valve Controllers**  
Schedules automatic valves to control the irrigation system.



**Sprinklers**  
Broadcast water to cover a large area economically.



**Pressure Gauges**  
Provides a visual indicator of water pressure. Essential in troubleshooting problems in the irrigation system.