SOUTHERN IRRIGATION
Intelligent Water Solutions

Pressure Regulating Valves

NETAFIM™

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

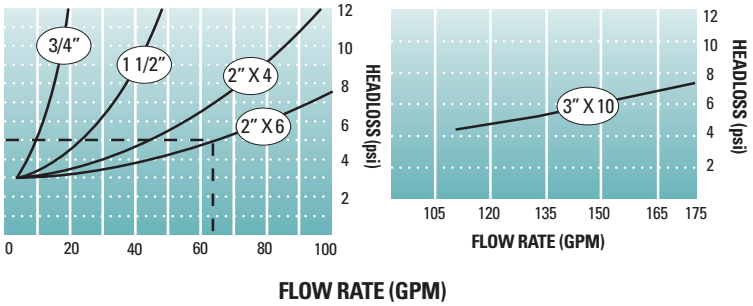
FEATURES

- 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



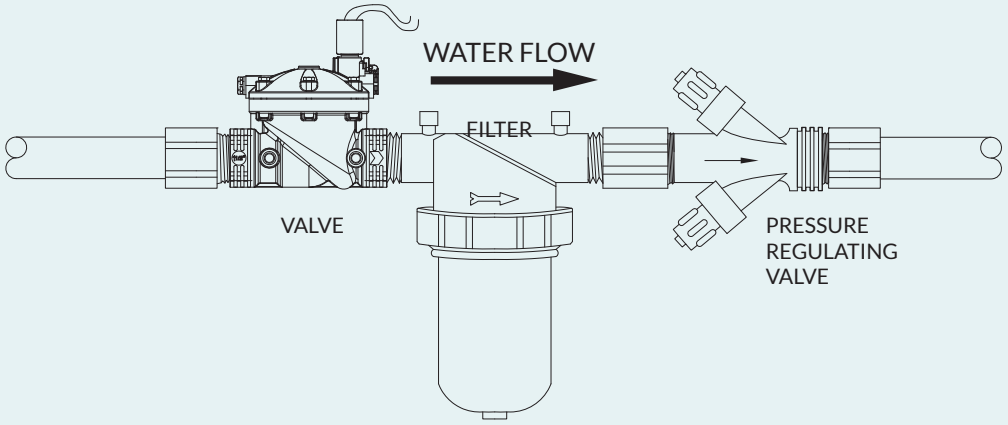
FLOW RANGE & REGULATING UNITS

MODEL	FLOW RANGE (GPM)	REGULATING UNITS
3/4" LOW FLOW	.25 - 4.4	-
3/4"	4.5 - 17.5	1
1/12"	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.