

Drip System Components

Adjustable Pressure Regulators

Direct acting pressure regulators are specifically designed for use where accurate and reliable control of line pressure is required, regardless of fluctuations in upstream pressure and/or flow. The use of a rolling diaphragm completely separates the spring assembly from dirt or contaminants in the flow stream and provides long trouble free service while ensuring immediate response to flow and pressure variations.

Features:

- Adjustable with a single screw
- Rolling diaphragm keeps the spring assembly free of debris
- Reliable control regardless of fluctuations in upstream pressure or flow

Specifications:

- Flow Rates: .2-22 GPM (.045-5 m³/h)
- Pressure Range: 12-60 PSI (.8-4 BAR)
- Maximum Working Pressure: 125 PSI (8.6 BAR)
- Weight: .75 lb (.34 kg)
- 3/4" FNPT

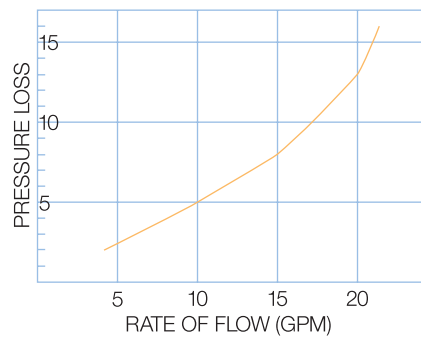
Materials:

- Body: Plastic
- Actuator: Plastic
- Rolling Diaphragm: Nylon Reinforced Neoprene
- Spring: Stainless Steel 304

Dimensions:

- 4" H x 3.44" W (10 cm H x 19 cm W)

PRESSURE VS. FLOW RATE



PERFORMANCE

Model	Spring & Disc Color	Downstream Operating Range	
		Min. PSI	Max. PSI
Model 18-007	Red	28	60
Model 18-008	White	12	35

Preset Pressure Regulators

Features:

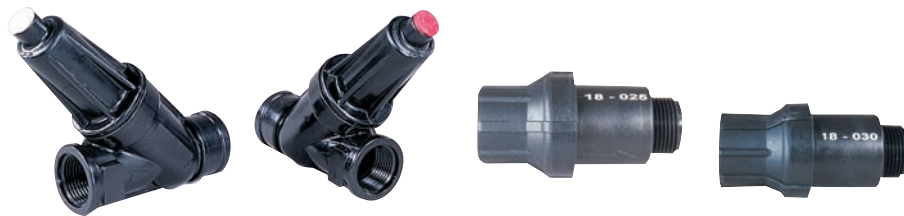
- Three preset pressures available
- Flow rate from .1-15 GPM (6-900 GPH)
- Reliable control regardless of fluctuation in upstream pressure or flow
- Withstands severe water hammer
- Can be installed above or below ground

PERFORMANCE

Inlet Pressure	FLOW RATE VS. PRESSURE					
	20	30	40	50	60	
Flow rate (GPM)	Outlet Pressure in PSI					
1	27 31	28 32	28 32	29 33	29 32	
3	26 29	27 31	27 31	27 31	27 33	
6	26 28	26 31	26 31	27 31	27 31	
9	25	20 26	20 26	20 26	20 27	
12	23	19 26	20 26	20 26	20 26	

Specifications:

- Flow Rates: .1-15 GPM (.22-3.4 m³/h)
- Pressure Range: 20, 25 and 30 PSI (1.3, 1.7 and 2 BAR)
- Maximum Recommended Flow: 10 GPM
- Maximum Working Pressure: 80 PSI (5.5 BAR)
- Weight: .20 lb (.09 kg)
- 3/4" FNPT x 3/4" MNPT



ORDERING INFORMATION

Model	Description
18-008	Adjustable pressure regulator 12-35 PSI
18-007	Adjustable pressure regulator 28-60 PSI

ORDERING INFORMATION

Model	Description
18-020	Preset pressure regulator 20 PSI
18-025	Preset pressure regulator 25 PSI
18-030	Preset pressure regulator 30 PSI