

450

Plastic In-Line Valve with Forward Flow Design

Molded from heavy-duty, high impact mineral-reinforced nylon material for maximum strength

Achieves flow rates as low as 0.075 GPM for low flow applications

Available in 3/4" and 1"



Features

- Internally molded brass screw inserts
- Includes an Internal Bleed control lever for manual operation
- Self-cleaning scrubber rod for protection against debris entering the diaphragm chamber
- 600 lb. test nylon reinforced EPDM diaphragm
- 3 Year Warranty

Operating ranges

Flow: 0.075 to 40 GPM
Pressure: 20 to 150 PSI

Standard Solenoid Technology:

24 VAC

Compatible Solenoid Options:

Low Watt 24 VAC

110 VAC

220 VAC

DC Latching 9-24 VDC Solenoid (Part #16305)



SUPERIOR

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Features and Benefits

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Operating Ranges

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Pressure: 20 to 150 PSI

Solenoid Specifications

Standard 24 VAC

In-rush current: 0.45 A (10.8 VA)
Holding current: 0.30 A (7.2 VA)

Low Watt 24 VAC

In-rush current: 0.33 A (7.9 VA)
Holding current: 0.20 A (4.9 VA)

Optional 110 VAC

In-rush current: 95 mA (10.5 VA)
Holding current: 65 mA (7.2 VA)

Optional 220 VAC

In-rush current: 48 mA (10.5 VA)
Holding current: 33 mA (7.2 VA)

Optional DC Latching

Pulse Range: 9 VDC to 24 VDC
Pulse Width: 30 to 50 mS

Pressure Loss in PSI

GPM	Pressure Loss
5	0.04
10	0.06
15	1.00
20	1.90
25	2.90
30	4.18
35	5.91
40	7.62

Model Description

Model No.	Description
450075	3/4" In-Line Plastic Valve
450100	1" In-Line Plastic Valve

