

# P-150 Series

## Plastic Valves

### V A L V E S

1", 1½" and 2" in-line globe/angle valves for light commercial applications. The P-150 Series valves are the "value" work horses of plastic valves.

25, 40 and 50mm (1", 1½" and 2")  
Electric Models

#### Features:

- Heavy-duty glass-filled nylon (GFN) and stainless-steel construction
- Globe/Angle configuration
- Rated at 10 Bars (150 psi) with flows from 20 to 568 LPM (5 to 150 GPM)
- Water is filter controlled to resist contamination of solenoid port. Filter serviceable from top of valve.
- Slow closing design reduce water hammer
- Non-rising, manual flow control handle; adjustable to zero flow
- Manual internal bleed
- Rugged Santoprene, double beaded diaphragm
- Encapsulated injection molded solenoid with a captive hex plunger
- Forward flow design for precise pressure regulation
- Precise pressure control option with compact EZReg® dial-design technology (factory or field installed — no need to remove solenoid)
- Pressure regulates in electric and manual modes, serviceable under pressure
- No external tubing for either electric or pressure regulating models
- Easily serviced without system removal



P-150 Series

- Proven, encapsulated, injection-molded solenoid with captured hex plunger and spring
- Purple solenoid models available for effluent applications
- Accepts latching solenoids
- Positive O-ring seal on inlet plug
- Unique 3-way SS bonnet screws accept Phillips or hex driver tools

#### Electrical Specification:

- Solenoid: 24 V.a.c.
- Inrush volt-amp: 24 V.a.c. – 11.5 VA
- Inrush current: .4A
- Holding volt-amps: 24 V.a.c. – 5.75 VA
- Holding current: .2A

#### Operating Specifications:

- Flow range: 19-568 LPM (5-150 GPM)
- Pressure range: 1.4-10 Bar (20-150 PSI)
- Body styles:
  - Globe/angle valve — 25, 40 and 50mm (1", 1½" and 2") female threads
- Solenoid: 60 Hz 24 V.a.c.
  - Inrush: 0.40 amps, 11.50 VA
  - Holding: 0.20 amps, 5.75 VA
- Solenoid: 50 Hz 24 V.a.c.
  - Inrush: 0.34 amps, 11.50 VA
  - Holding: 0.20 amps, 5.75 VA
- Dimensions:
  - 25mm—171mm x 92mm (1" — 6¾" H x 3⅝" W)
  - 40mm—184mm x 92mm (1½" — 7¼" H x 3⅝" W)
  - 50mm—241mm x 156mm (2" — 9½" H x 6⅛" W)

# P-150 Series Plastic Valves

## Optional Accessories:

- DC latching solenoid assembly
- 24 VDC solenoid – R576804
- 24 V.a.c., 60Hz solenoid – R811-24VACC
- 24 V.a.c., 50Hz solenoid – 588403
- Reclaimed water purple solenoid assembly and tag (RW60-Kit)
- 24 V.a.c. potted solenoid – 89-9580
  - 60cm (24") wire leads
  - 50/60Hz
  - Inrush: 0.37A, 8.8 VA
  - Holding: 0.3A, 7.2 VA
- EZR-30: 0.3-2 Bar (5-30 psi) pressure regulation module
- EZR-100: 0.3-7 Bar (5-100 psi) pressure regulation module
- BSP threads
- Less solenoid versions



DC latching solenoid assembly

EZReg<sup>®</sup> pressure-regulation module



Effluent water solenoid assembly and tag (RW60-Kit) available.



## Specifying Information

Type	Configuration	Solenoid	Size
P150— P-150 Series Plastic Valve	23—BSP, Electric	5—50 Hz Solenoid 6—Less Solenoid	4—25 mm (1") 6—40 mm (1½") 8—50 mm (2")
For Example: When specifying a 50 mm (2") P-150 Series Plastic Valve with BSP threads and 50 Hz solenoid, you would specify: <b>P150-23-58</b>			



**Count on it.**

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