

Toro Irrigation P-150 Series Plastic Valves

25, 40 and 50mm in-line globe/angle valves for commercial applications.

The P-150 Series valves are the value work horses of plastic valves, yet they offer several unique features such as, a very slow closing diaphragm and an externally serviceable filter.

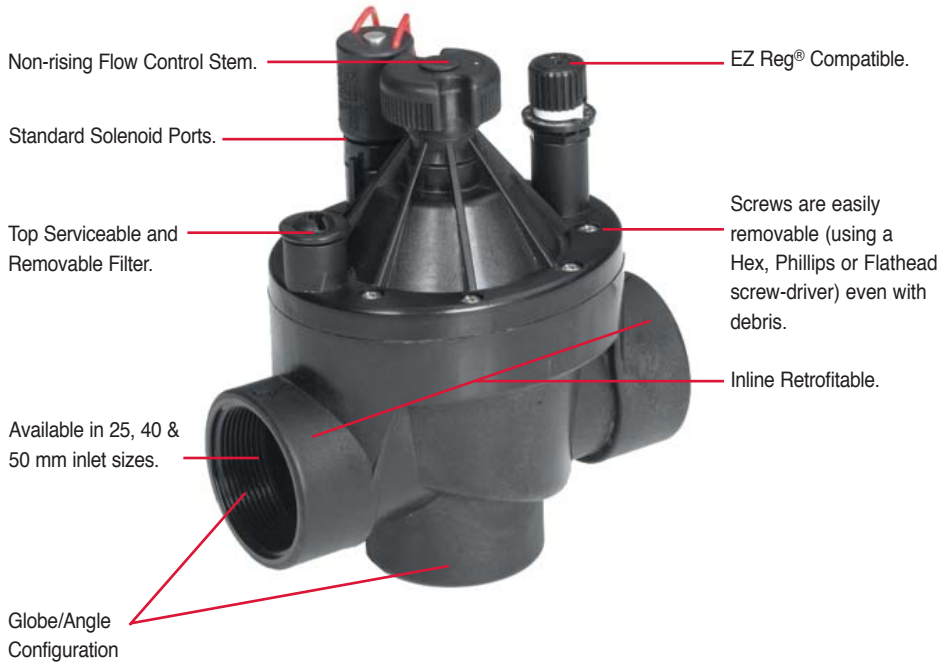
Features

- Heavy-duty glass-filled nylon (GFN) and stainless-steel construction.
- Globe/Angle configuration.
- Rated at 1034 kPa with flows from 19 to 600 LPM.
- Water is filter controlled to resist contamination of solenoid port. Filter serviceable from top of valve.
- Unique labyrinth restrictor, located downstream of filter, assures a slow closing diaphragm to minimise water hammer and prolong diaphragm life.
- Non-rising, manual flow control handle; adjustable to zero flow.
- Manual internal bleed.
- Rugged Santoprene, double beaded diaphragm.
- Encapsulated injection moulded solenoid with a captive hex plunger.
- Forward flow design for precise pressure regulation.
- Precise pressure control option with compact EZReg® dial-design technology (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.
- Accepts latching solenoids.
- Positive O-ring seal on inlet plug.
- Unique 3-way Stainless Steel bonnet screws accept Phillips, standard or hex driver tools.
- Compact design allows equal height inlet/outlet ports for easy retrofit.



Toro Irrigation P-150 Series Plastic Valves

25, 40 and 50mm



Specifications

Dimensions

- 25mm – 177mm (H) x 92mm (W).
- 40mm – 184mm (H) x 92mm (W).
- 50mm – 241mm (H) x 156mm (W).

Electrical

- Solenoid: 24 VAC.
- Inrush 24 VAC 0.34A.
- Holding current 24 VAC 0.2A.

Operating Range

- Flow range: 19 – 600 LPM.
- Pressure range: 140 – 1034 kPa.
- Body styles:
 - Globe/angle valve
 - 25, 40 and 50mm female BSP threads.

Accessories

Standard:

- 60cm fly leads.
- 24 VAC, 50Hz solenoid – (#588403).

Optional:

- DC latching solenoid assembly – (#DCLS-P).
- 24 VDC solenoid – (#R576804).
- EZR-30: 30 – 200 kPa pressure regulation module.
- EZR-100: 30 – 700 kPa pressure regulation module.

P-150 Series Friction Loss Data in kPa		LPM flow													
Size	Configuration	80	100	120	140	160	200	250	300	350	400	450	500	550	600
		40mm	Globe	22	21	21	17	18	20	31	46				
Angle	21		21	22	15	15	13	19	26						
50mm	Globe					22	22	20	19	26	34	42	52	62	74
	Angle					18	17	14	13	16	24	26	32	37	43

Flow rates are recommended not to exceed 35kPa loss for extended periods of time.

ORDERING DETAILS

Code Description

P150-23-54	Inline/angle valve, electric 25mm BSP
P150-23-56	Inline/angle valve, electric 40mm BSP
P150-23-58	Inline/angle valve, electric 50mm BSP

Dealer Stamp

**For Customer Service Call
Toro Irrigation on 1300 130 898**

Toro Irrigation is a business unit of Toro Australia Pty Ltd
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