



EZ Flo Plus™ Series Residential Valves

EZ Flo Plus Series Plastic Valves

25mm (1") Electric Models

Features

- Tough, double-beaded Santoprene® diaphragm for a longer life and to prevent leaking
- Resilient Buna-N diaphragm seat seal
- Manual internal bleed
- Manual external bleed (flush mode)
- Full stainless-steel metering system
- Floating bleed tube allows thermal expansion without affecting performance
- Heavy-duty PVC, glass-filled nylon and stainless-steel construction (corrosion and UV-resistant)
- Encapsulated solenoid with captured hex plunger and spring
- Threaded bonnet system with heavy-duty cap ring (no screws) for fast and easy servicing
- Easily serviced without removal from the system
- Less solenoid models available
- Extended 3 year warranty

Specifications

- Flow range:
- 25mm (1"): 1-114 LPM (0.25-30 GPM)
- Operating pressure: 0,7-10 Bar (10-150 PSI)
- Body styles (Globe valve):
 - 25mm (1") NPT/BSP
 - Less solenoid models available
 - Male and female models available
- Solenoid: 24 V a.c.
 - Inrush: 0,4 amps, 11,50 VA
 - Holding: 0,2 amps, 5,75 VA



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

Dimensions:

- Female globe: 130 x 75 x 101mm (5¹/₈" x 3" x 4") (H x W x L)
- Male globe: 130 x 75 x 140mm (5¹/₈" x 3" x 5¹/₂") (H x W x L)

Options Available

- Reclaimed water purple solenoid assembly and tag (RW60-Kit)
- DC latching solenoid* assembly (E2002)

* The maximum pressure for a valve that utilizes a E2002 DC latching solenoid is 8 bar (120 PSI).



EZ-Flo Plus Friction Loss Data - Metric (Bar)

Size	Type	LPM Flow					
		1	19	38	57	76	114
25mm (1")	Inline	0,14	0,24	0,28	0,21	0,23	0,43

EZ-Flo Plus Friction Loss Data - English (PSI)

Size	Type	GPM Flow					
		0.25	5	10	15	20	30
1" (25mm)	Inline	2.0	3.5	4.0	3.0	3.3	6.2

Note: For optimum sprinkler performance when designing a system, calculate total friction loss to ensure sufficient downstream pressure.

Specifying Information

Body Threads	Flow Control	Configuration	Solenoid	Size
F-NPT	0 - without	0-slip	0-60 Hz	3- ³ / ₄ " (20mm)
P-BSP	Flow Control	1-male x male, NPT	5-50 Hz	4-25mm (1")
	2 - with Flow Control	2-male x male, BSP	6-less solenoid	
		3-female, BSP		
		5-male x barb		
		6-female, NPT		
		8-angle, NPT		
		9-AVB, NPT		

For Example:

When ordering a male x male, 25mm (1") EZ Flo Plus valve with BSP threads, flow control and a 50 Hz solenoid, you would specify:

EZP-22-54