

## EZ-Flo® Plus Series Plastic Valves

### ¾", 1" and 1¼" (20, 25 and 32mm) Electric Models

You get reliability with ease when EZ-Flo Plus is a part of your offering.

#### 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 corrosion- and UV-resistant PVC, glass-filled nylon and stainless steel construction
- 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
- Recycled water solenoid assembly available
- Three-year warranty

#### Specifications

- Flow range:
  - ¾" (20mm): 0.25–20 GPM (1–76 LPM)
  - 1" (25mm): 0.25–30 GPM (1–114 LPM)
  - 1¼" (32mm): 0.25–30 GPM (1–114 LPM)
- Operating pressure: 10–150 psi (0,7–10 Bar)
- Body styles:
  - Globe valve:
    - 1" (25mm) female NPT and slip
    - 1" (25mm) male NSP and barb
  - Angle valve:
    - 1" (25mm) female NPT
  - Atmospheric Vacuum Breaker (AVB) valve:
    - ¾" (20mm) and 1" (25mm) female NPT
- Solenoid: 24 V ac
  - 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:
    - 5½" H x 3" W x 4" L (130 x 75 x 101mm)
  - Male globe:
    - 5½" H x 3" W x 5½" L (130 x 75 x 140mm)
- Angle:
  - 5¾" H x 3" W x 3¾" L (137 x 75 x 95mm)
- AVB:
  - 6" H x 3" W x 6¾" L (152 x 75 x 175mm)

#### EZ-Flo Plus Series

##### Friction Loss Data—U.S.

Size	Model	GPM Flow					
		0.25	5	10	15	20	30
1¼" (32mm)	Inline	1.8	2.3	2.8	3.0	4.1	4.9
1" (25mm)	Inline	2.0	3.5	4.0	3.0	3.3	6.2
1" (25mm)	Angle	2.0	3.3	2.2	1.8	1.9	3.9
1" (25mm)	AVB	2.0	2.1	3.1	2.3	3.8	8.1
¾" (20mm)	AVB	2.0	4.2	4.2	4.8	7.6	—

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

Values are listed in psi.

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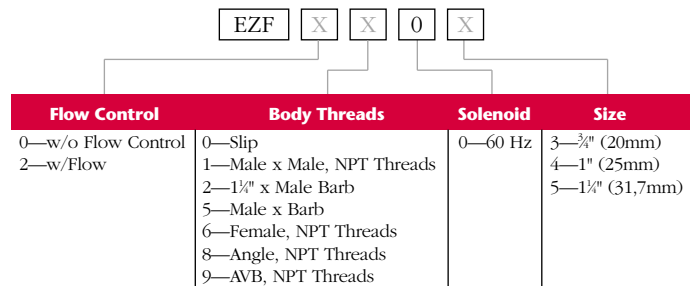
##### Friction Loss Data—Metric

Size	Model	LPM Flow					
		1	19	38	57	76	114
32mm (1¼")	Inline	0,13	0,16	0,19	0,21	0,28	0,34
25mm (1")	Inline	0,14	0,24	0,28	0,31	0,32	0,43
25mm (1")	Angle	0,14	0,22	0,15	0,12	0,13	0,27
25mm (1")	AVB	0,14	0,14	0,31	0,16	0,26	0,56
20mm (¾")	AVB	0,14	0,29	0,29	0,33	0,52	—

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

Values are listed in bar.

### Specifying Information



**Example:** A 1" (25mm) slip EZ-Flo Plus Valve with flow control and a 60 Hz solenoid, would be specified as: **EZF-20-04**