

PGA SERIES

Plastic Electric Valves - Built to last... and last!

- Plastic globe/angle valve for residential/light commercial applications. The PGA Series offers flexibility in design and installation at an affordable price
- Fabric-reinforced diaphragm for longer life
- Long-lasting and reliable operation: Heavyduty PVC construction.

FEATURES

• Ease of Service

- Prevents loss of parts during field service thanks to one-piece solenoid design with captured plunger.
- Non-rising flow control handle adjusts water flow as needed
- Manual internal bleed with 1/4-turn of the solenoid operates the valve without allowing water into the valve box. Allows pressure regulator adjustment without turning on the valve at the controller
- Solenoid with convenient handle

• Versatility

- Accommodates field-installed PRS-Dial pressure regulating modules adjustable from 1.0 to 6.9 bar to be ordered separately)
- Also available in 9V solenoid configuration: 100-PGA-9V, 150-PGA-9V, 200-PGA-9V
- Compatible with Rain Bird Decoder Systems

• Reliability

- Slow closing to prevent water hammer and subsequent system damage
- Double filtered pilot flow prevents clogging solenoid ports

SPECIFICATIONS

Flow: 1,14 to 34,05 m³/h
 Pressure: 1.0 to 10.4 bar (23° C)
 Temperature: up to 43°C

Note: the PRS-Dial option adds 5 cm to the valve height

PERFORMANCE: Valve Pressure Loss (bar)

100-PGA		
m ³ /h	Globe	Angle
1,2	0,38	0,38
3	0,41	0,41
6	0,43	0,43
9	0,48	0,48

ELECTRICAL SPECIFICATIONS

Solenoid: 24 VAC - 50 Hz
 Inrush current: 0.41 A (9.9 VA)
 Holding current: 0.23 A (5.5 VA)

DIMENSIONS

100-PGA

Height: 18.4 cm
 Length: 14.0 cm
 Width: 8.3 cm

150-PGA

Height: 20.3 cm
 Length: 17.2 cm
 Width: 8.9 cm

200-PGA

Height: 25.4 cm
 Length: 19.7 cm
 Width: 12.7 cm

Note: the PRS-Dial option adds 5 cm to the valve height

MODELS

- 100-PGA: 1" (26/34) BSP female threaded inlet and outlet
- 100-PGA-9V: 1" (26/34) BSP female threaded inlet and outlet, latching solenoid
- 150-PGA: 1,5" (40/49) BSP female threaded inlet and outlet
- 150-PGA-9V: 1,5" (40/49) BSP female threaded inlet and outlet, latching solenoid
- 200-PGA: 2" (50/60) BSP female threaded inlet and outlet
- 200-PGA-9V: 2" (50/60) BSP female threaded inlet and outlet, latching solenoid

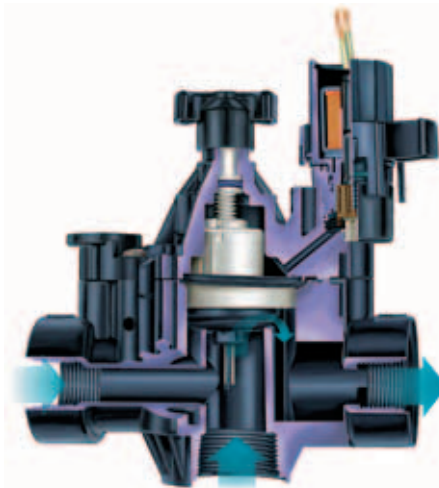
ACCESSORIES

PRS-Dial: pressure regulating module with regulating range from 1.0 to 6.9 bar

TEMPERATURE RATING

Water temperature	Continuous pressure
23°C	10.4 bars
27°C	9.1 bars
32°C	7.7 bars
38°C	6.4 bars
43°C	5.2 bars

150-PGA		
m ³ /h	Globe	Angle
6	0,10	0,07
9	0,22	0,14
12	0,38	0,23
15	0,61	0,36
18	0,86	0,51
21	1,16	0,70



How to specify

100 - PGA

Model

PGA

1" (26/34)

1 1/2" (40/49)

2" (50/60)

Size

1" (26/34)

200-PGA		
m ³ /h	Globe	Angle
9	0,08	0,07
12	0,12	0,07
15	0,17	0,10
18	0,24	0,13
21	0,33	0,18
24	0,43	0,23
27	0,54	0,30
30	0,66	0,36
34	0,83	0,45

Pressure loss values are with flow control fully open.