

250/260 Valves

1"
Electric, Hydraulic, Pin-type
Globe
Residential, Light Commercial

Application: These durable valves are designed for contractors who prefer female inlets and outlets and need a valve that can withstand the pressures of large residential and light commercial applications.

Specifications

Recommended flow range (by size):

1" (25mm): 5.0–30.0 GPM (19–114 LPM)

Operating pressure (by size):

1" (25mm): 20–150 psi (1,4–10 Bar)

Solenoid:

24 V ac (50/60 Hz)
Inrush: 0.30 amps, 7.20 VA
Holding: 0.20 amps, 4.80 VA

Dimensions:

1" (25mm):
– 250 (with flow control): 6" H x 4½" W (152 x 114mm)
– 260 (w/o flow control): 4½" H x 4½" W (114 x 114mm)

Burst pressure safety rating:

750 psi (50 Bar)

Body configurations	Size
Type	1"
F x F	✓
Flow Control with	✓
without	✓



Features

- Single-piece rubber diaphragm for reliable, leak-free closing
- Tough, glass-filled Zytel cap and body allow this valve to be rated up to 150 psi
- Manual flow control adjustable to zero
- Self-cleaning, stainless steel metering pin
- External manual bleed
- Low-inrush solenoid
- 18" (45cm) lead wires (electric models)
- Single-piece rubber diaphragm
- Recycled water flow-control knob available
- Available with or without flow control
- Two-year warranty

250/260 Series Friction Loss Data—U.S.

Size	Model	GPM Flow						
		0.5	10	15	20	25	30	40
1" (25mm)	Hydraulic	<1.0	1.0	2.0	3.0	4.0	6.0	9.5
1" (25mm)	Electric		4.4	4.5	5.0	5.0	7.0	9.5

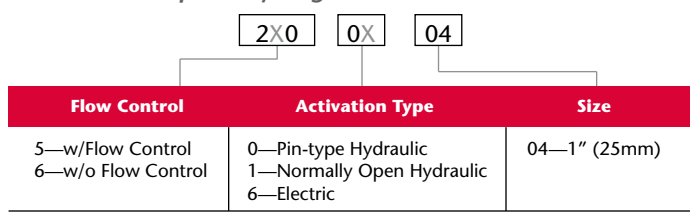
Note: For optimum sprinkler performance when designing a system, calculate total friction loss to ensure sufficient downstream pressure. Flow rates are recommended not to exceed 5 psi loss. Values listed in psi.

250/260 Series Friction Loss Data—Metric

Size	Model	LPM Flow						
		20	40	60	80	100	125	150
1" (25mm)	Hydraulic	<0,1	0,1	0,1	0,2	0,3	0,5	0,6
1" (25mm)	Electric		0,3	0,3	0,3	0,4	0,5	0,6

Note: For optimum sprinkler performance when designing a system, calculate total friction loss to ensure sufficient downstream pressure. Flow rates are recommended not to exceed 0,3 bar loss. Values listed in bar. For kPa values, multiply tabular values by 100. For Kg/cm² values, multiply tabular values by 1,02.

Specifying Information



Example: A 1" (25mm) 250 Series Valve without flow control and electric activation, would be specified as: **250-06-04**