

ELECTRIC GLOBE/ANGLE

2400/2600 SERIES

V A L V E S



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The 2400 Series globe and 2600 Series angle valves are popular with users because of the convenience of their threaded bonnets, the reliability of their double-beaded diaphragm and the durability of their heavy-duty, corrosion- and UV-resistant PVC construction.

Fast and easy to install and service, these one-inch residential plastic valves offer an encapsulated solenoid, internal bleed, an optional flow control feature, and a choice of NPT or slip configurations.

The 2400 Series and 2600 Series — the easy choice for convenience and performance.

Irritrol[®]
SYSTEMS

2400/2600 SERIES

V A L V E S

1" plastic models

Features

Performance

- Flow range from .25-30 GPM
- Pressure range from 10-150 psi
- Manual internal bleed
- Manual external bleed (flush mode)
- Floating bleed tube allows thermal expansion without affecting performance

Quality Construction

- Heavy-duty, corrosion- and UV-resistant PVC, glass-filled polypropylene and stainless steel construction
- Double-beaded SANTOPRENE® diaphragm provides leak-proof seal
- Buna-N valve seat seal
- Encapsulated solenoid
- Captive plunger
- Full stainless steel metering system
- Threaded bonnet permits fast and easy servicing
- Available in female NPT or slip configuration (no male pipe adapter required)
- Easily serviced without removal from the system

Electrical Specifications

- Solenoid: 24 V ac
- Inrush volt-amp: 24 V ac-11.50 VA
- Inrush current: .4 amp
- Holding volt-amp: 24 V ac-5.75 VA
- Holding current: .2 amp

Optional Accessories

- Threaded bonnet wrench (2400-45)
- Reclaimed water solenoid kit (RW60-Kit); purple solenoid with purple warning tag
- DC latching solenoid (E2002-A)

Note: Maximum pressure for a valve that utilizes E2002-A latching solenoid is 120 psi.

U.S.

Flow Rate-GPM

Model	Size	.25	2	5	10	15	20	30	Pressure Loss-PSI
2400 Series	1"	5.00	4.60	3.50	4.00	2.97	3.26	6.20	
2600 Series	1"	5.00	4.60	3.34	2.15	1.78	1.90	3.85	

1) When designing a system, the industry standard for flow rate velocity through pipes and fittings is 5 FPS.

2) Pressure loss data are derived from valves independently tested by CIT, Fresno, CA.

Metric

Flow L/M	2400		2600	
	Bar	kPa	Bar	kPa
1	0,35	34,5	0,35	31,7
8	0,32	34,5	0,32	31,7
20	0,24	24,1	0,23	23,0
40	0,30	29,5	0,27	27,1
60	0,21	20,5	0,13	12,8
80	0,23	23,3	0,19	19,2
100	0,30	29,5	0,27	27,1
120	0,38	38,4	0,35	35,4

Note: Add "— MT" for BSP thread, 50Hz configuration, i.e., "2400MT."
Add "S50H" for slip, 50 Hz configuration, i.e., "2400S50H."

Specifying Information

Model	Configuration	Flow Control
2400S/globe	slip connection	no
2400T/globe	NPT threads	no
2400SF/globe	slip connection	yes
2400TF/globe	NPT threads	yes
2400T-B/globe	male x barb	no
2400TF-B/globe	male x barb	yes
2400T-B1.25/globe	male x 1.25" (31.75mm) barb	no
2400TF-B1.25/globe	male x 1.25" (31.75mm) barb	yes
2400T-M/globe	male x male	no
2400TF-M/globe	male x male	yes

Specifying Information

Model	Configuration	Flow Control
2600T/angle	NPT threads	no
2600TF/angle	NPT threads	yes



BEYOND THE EXPECTED

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