ELECTRIC GLOBE/ANGLE

2400/2600 series



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

ELECTRIC GLOBE/ANGLE

SER-ES

2400/2600 SERIES

VALVES

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
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

Pressure Loss-PSI

- 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

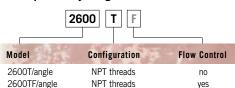
Flow L/M	24	.00	2600		
	Bar	kPa	Bar	kPa	
1	0,35	34,5	0,35	31,7	
8	0,32	34,5	0,32	31,7	
20	0,24	24,1	0,23	23,0	
40	0,30	29,5	0,27	27,1	
60	0,21	20,5	0,13	12,8	
80	0,23	23,3	0,19	19,2	
100	0,30	29,5	0,27	27,1	
120	0,38	38,4	0,35	35,4	

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

Specifying Information

2400 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





BEYOND THE EXPECTED

5825 Jasmine Street, Riverside, CA 92504-1183 909/785-3623 Fax 909/785-3325 http://www.irritrolsystems.com