

2400 | 2600 SERIES ELECTRICAL GLOBE/ANGLE

1" (25MM) PLASTIC MODELS



**FOR PETE'S SAKE,
LET'S ONLY DO
THIS ONCE.**

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/external bleed, an optional flow control feature, and are available in multiple configurations.

Irritrol. **Get more done.**

KEY FEATURES & BENEFITS

THREADED BONNET DESIGN

Allows easy servicing without removal from the system

RUGGED, DOUBLE-BEADED SANTOPRENE® DIAPHRAGM

Ensures a leak-proof seal

INTERNAL AND EXTERNAL BLEED (FLUSH MODE)

Manual operation

FULL STAINLESS-STEEL METERING SYSTEM

Allows for consistent valve operation

HEAVY-DUTY, CORROSION AND UV-RESISTANT PVC, GLASS-FILLED POLYPROPYLENE AND STAINLESS STEEL CONSTRUCTION

Durable, long-term performance

AVAILABLE IN MULTIPLE CONFIGURATIONS—FEMALE NPT, SLIP, MALE X MALE AND MALE X BARB

Will handle all regional installation variances (2600 available with NPT threads only)

ADDED FEATURES

- Buna-N valve seat seal
- Floating bleed tube allows thermal expansion without affecting performance
- Encapsulated injection-molded solenoid with a captive hex plunger
- Five-year warranty

OPERATING SPECIFICATIONS

- Flow range: .25-30 GPM (1-115 L/M)
- Pressure range: 10-150 psi (0,7-10 Bars)

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 V ac
- Inrush volt-amp: 24 V ac-9.6 VA
- Inrush current: .4 amp
- Holding volt-amp: 24 V ac-4.8 VA
- Holding current: .2 amp

OPTIONAL ACCESSORIES

- IBOC300-9V battery operated "on valve" controller
- Recycled-water solenoid kit (RW60-KIT); purple solenoid with purple warning tag
- DC latching solenoid (E2003). *Note: Maximum pressure for a valve that utilizes E2003 latching solenoid is 120 psi (8 Bars).*
- Threaded bonnet wrench (2400-45)

SPECIFYING INFORMATION

2400 X F X

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-M/globe	Male x Male	NO
2400TF-M/globe	Male x Male	YES

2600 T F

MODEL	CONFIGURATION	FLOW CONTROL
2600T/angle	NPT Threads	NO
2600TF/angle	NPT Threads	YES

DIMENSIONS

	2400 MODELS	2600 MODELS
H	5 ³ / ₈ " (130mm)	5 ⁷ / ₈ " (137mm)
W	3" (76mm)	3" (76mm)
L	4" (102mm)	3 ³ / ₄ " (95mm)

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.



2400T Threaded Valves

Flow

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 "M" for 1/2" thread, 50 Hz configuration, In. "2400M"
Add "S" for slip, 50 Hz configuration, In. "2400S"