

Irritrol®



The Irritrol® 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 1-inch residential plastic valves offer an encapsulated solenoid, internal/external bleed, an optional flow control feature, and are available in multiple configurations.

2400|2600 SERIES VALVES

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)

Allows for 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)



ELECTRIC GLOBE/ANGLE
1" PLASTIC MODELS

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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
- Pressure range: 10-150 psi

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

SPECIFYING INFORMATION

2400 - **X** - **F** - **X**

MODEL	CONFIGURATION	FEATURE	BODY OPTIONS
2400 - 2400 globe valve	S - Slip Connection T - NPT Threads	F - Flow Control	B - Male x Barb M - Male x Male

Example: A 2400 globe valve with slip connection and flow control = **2400SF**

2600 - **T** - **F**

MODEL	CONFIGURATION	FEATURE
2600 - 2600 angle valve	T - NPT Threads	F - Flow Control

Example: A 2600 angle valve with NPT threads and flow control = **2600TF**

MODELS

Model	Description
2400S	1" globe slip connection valve
2400SF	1" globe slip connection with flow control
2400T	1" globe NPT threaded connection
2400TF	1" globe NPT threaded connection with flow control
2400T-B	1" globe male x barb connection
2400TF-B	1" globe male x barb connection with flow control
2400T-M	1" globe male x male connection
2400TF-M	1" globe male x male connection with flow control
2600T	1" angle NPT threaded connection
2600TF	1" angle NPT threaded connection with flow control

DIMENSIONS

- **2400:** H: 5 1/8", W: 3", L: 4"
- **2600:** H: 6 1/2", W: 3", L: 3 3/4"

OPTIONAL ACCESSORIES*

- OmniReg® 5-30 psi regulator (OMR-30)†
 - OmniReg 5-100 psi regulator (OMR-100)†
 - Recycled-water solenoid kit (RW60-KIT); purple solenoid with purple warning tag
 - DC latching solenoid (DCL) †
- Note: Maximum pressure for a valve that utilizes latching solenoid is 120 psi.*

* Optional accessories are field-installable. Must specify separately if required.

† Not compatible with 102 anti-contamination models

FRICITION LOSS DATA

MODEL	SIZE	Flow Rate - GPM						
		.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 data are derived from valves independently tested by CIT, Fresno, CA.



2400T-B
Male X Barb



2400T
Threaded



2600T
Threaded angle



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