

# 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, optional flow control and multiple connection configurations.

## 2400|2600 SERIES

### 1" PVC VALVES

#### THREADED BONNET DESIGN

Allows easy servicing without removal from the system

#### RUGGED, DOUBLE-BEADED 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

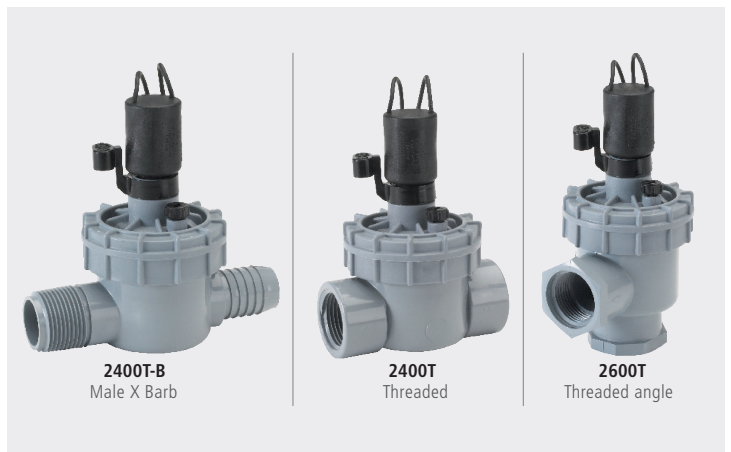
#### HEAVY-DUTY, CORROSION AND UV-RESISTANT PVC, GLASS-FILLED POLYPROPYLENE AND STAINLESS STEEL CONSTRUCTION

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                                     |
|--------------------------------|--|-------------------------|--|
| <b>2400</b> - 2400 globe valve | <b>S</b> - Slip Connection<br><b>T</b> - NPT Threads | <b>F</b> - Flow Control | <b>B</b> - Male x Barb<br><b>M</b> - Male x Male |

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

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

| MODEL                          | CONFIGURATION          | FEATURE                 |
|--------------------------------|------------------------|-------------------------|
| <b>2600</b> - 2600 angle valve | <b>T</b> - NPT Threads | <b>F</b> - Flow Control |

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

## VALVE SERVICING MADE EASY



## 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"

## FRICTION 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.

## OPTIONAL ACCESSORIES\*

- 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.*
- Threaded bonnet wrench (2400-45)

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



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