

# 2400 | 2600 SERIES ELECTRIC GLOBE/ANGLE

## 1" PLASTIC MODELS



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.

## 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)

Allows for manual operation

### FULL STAINLESS-STEEL METERING SYSTEM

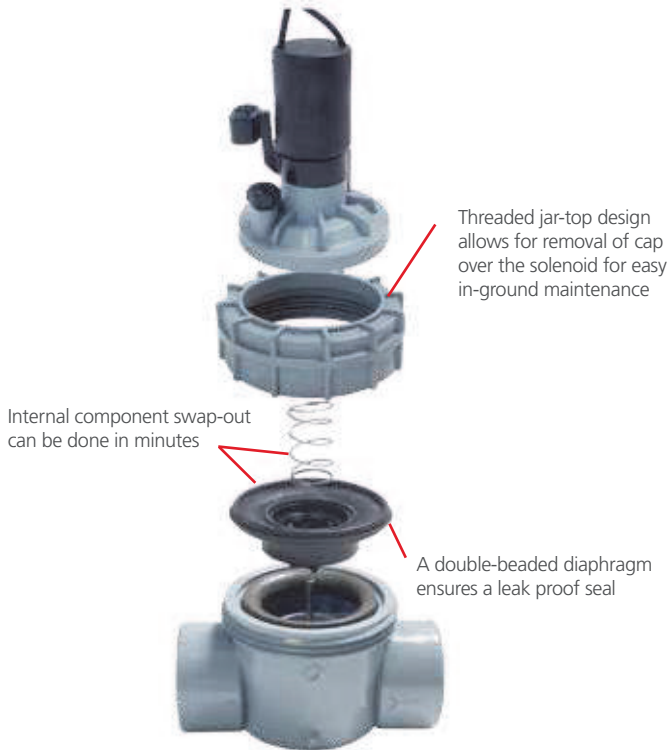
Allows for consistent valve operation

**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)

## VALVE SERVICING MADE EASY

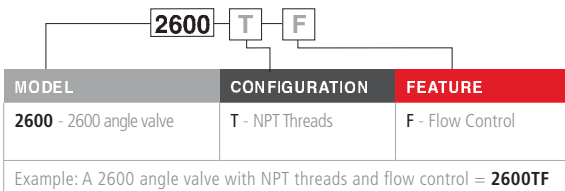
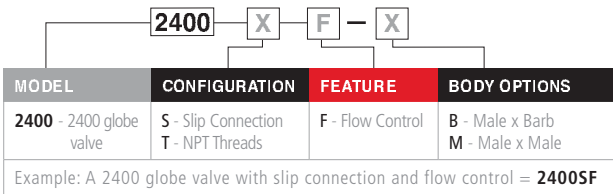


## FRICTION LOSS DATA

| 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.

## SPECIFYING INFORMATION



We reserve the right to improve our products and make changes in the specifications and designs without notice and without incurring obligation. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.

## 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

## MODELS

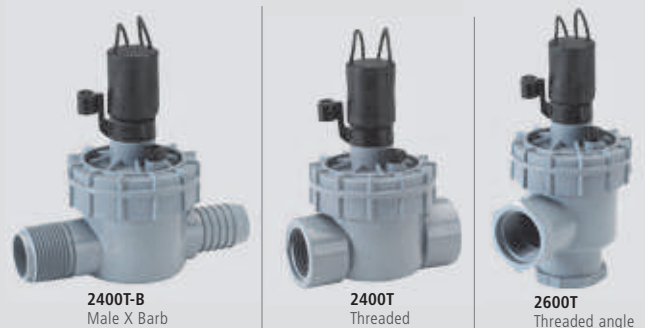
| Model    | Description  |
|----------|--|
| 2400S    | 1" globe slip connection valve                     |
| 2400SF   | 1" globe slip connection with flow control         |
| 2400T    | 1" globe NPT threaded connection                   |
| 2400TF   | 1" globe NPT threaded connection with flow control |
| 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\*

- IBOC300-9V battery operated "on valve" controller
- 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.