

**200B** SERIES **ELECTRIC**  
**GLOBE/ANGLE****1", 1 1/2" AND 2" PLASTIC MODELS**

The Irritrol® 200B Series globe/angle valves have built their popularity on a proven record of reliability and a reputation for offering valuable features at an affordable price. The 200B Series provides manual internal and external bleed, heavy-duty, UV-resistant PVC construction, stainless steel hardware, a double-beaded diaphragm and a captive solenoid plunger.

## KEY FEATURES & BENEFITS

**HEAVY-DUTY, CORROSION- AND UV-RESISTANT PVC CONSTRUCTION WITH STAINLESS STEEL SPRING AND HARDWARE**

Provides consistent operation

**SLOW-CLOSING DESIGN**

Reduces water hammer and resulting stress on the system

**RUGGED, DOUBLE-BEADED SANTOPRENE® DIAPHRAGM**

Ensures a leak-proof seal

**INTERNAL AND EXTERNAL BLEED (FLUSH MODE)**

Allows for manual operation

**ACCEPTS OMNIREG® MODULAR PRESSURE REGULATOR**

Ensures consistent performance

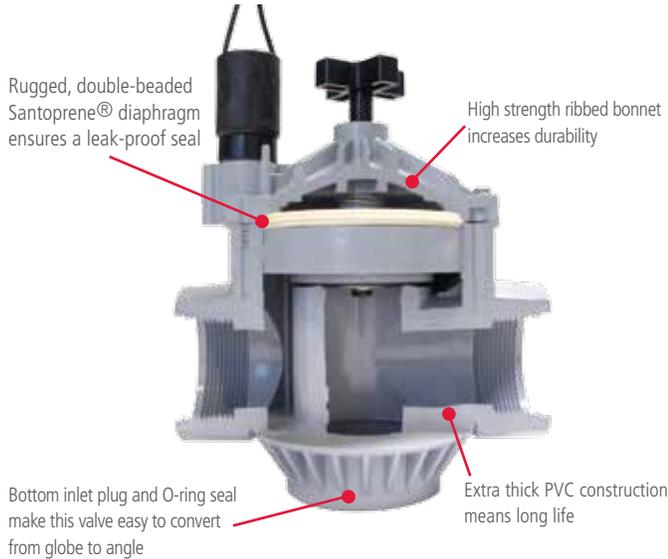
**HIGH-STRENGTH RIBBED BONNET AND BOTTOM INLET**

Increases durability

**UNIQUE THREE-WAY STAINLESS STEEL BONNET**

Screws accept Phillips, flat-blade and hex-driver tools for easy servicing without removal from the system

## DURABLE HEAVY-DUTY CONSTRUCTION



## FRICTION LOSS DATA

MODEL	SIZE	GLOBE ANGLE	Flow Rate - GPM													
			5	10	15	20	30	40	50	60	80	100	120			
214B	1"	G	3.36	2.60	1.82	2.35	5.40									
		A	3.09	2.20	1.48	1.98	4.00									
216B	1½"	G				3.04	2.66	2.33	2.97	4.14	5.62					
		A				2.76	2.24	1.99	2.30	3.10	4.42					
217B	2"	G				2.00	1.93	1.73	1.55	1.68	2.99	4.85	6.31			
		A				2.00	1.93	1.73	1.55	1.59	2.15	3.27	4.88			

1) Pressure loss data are derived from valves independently tested by CIT, Fresno, CA.

## SPECIFYING INFORMATION

21	XB
MODEL	SIZE
21 - 200B Series electric valve	4 - 1" size 6 - 1½" size 7 - 2" size
Example: A 200B Series 1" electric valve = <b>214B</b>	



## ADDED FEATURES

- Flow control allows precise adjustment and manual shutoff
- Buna-N valve seat seal
- Unique threaded inlet plug O-ring seal prevents leaks
- Encapsulated injection-molded solenoid with a captive hex plunger
- Five-year warranty

## OPERATING SPECIFICATIONS

- Flow range: 5-120 GPM
- Pressure range: 20-150 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
214B	1" NPT threads, flow control
216B	1½" NPT threads, flow control
217B	2" NPT threads, flow control

## DIMENSIONS

- **214B:** H: 6 ½", W: 2 ½", L: 4 ½"
- **216B:** H: 7 ¾", W: 4 ¼", L: 5 ½"
- **217B:** H: 8 ¾", W: 5 ¾", L: 6 ¼"

## 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.*
- Weatherproof gauge (SPK-100)

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