



SPECIFYING INFORMATION

21 — XB

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

MODELS

MODEL	DESCRIPTION
214B	1" NPT threads, flow control
216B	1 1/2" NPT threads, flow control
217B	2" NPT threads, flow control

PRESSURE 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	1 1/2"	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

OVERVIEW

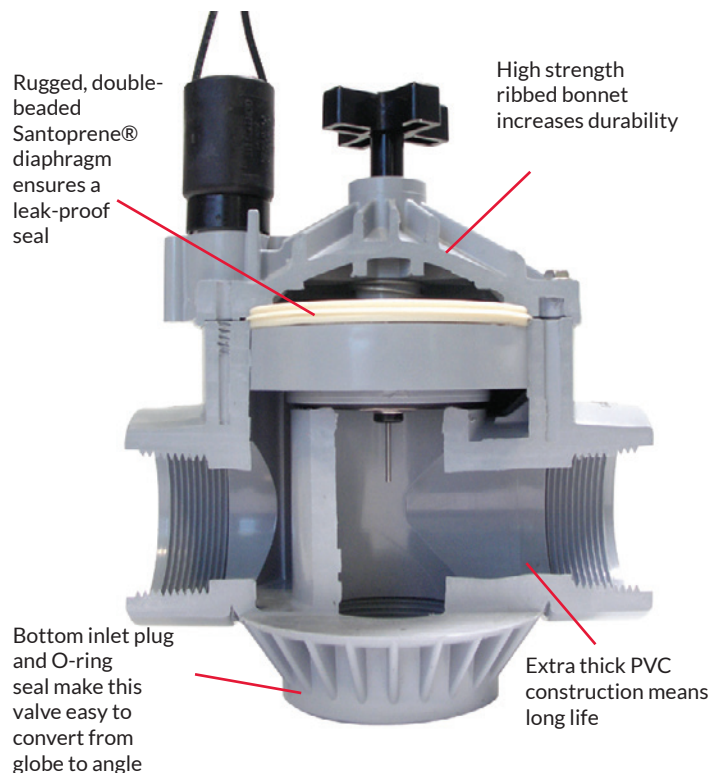
The Irritrol® 200B Series globe/angle valves have built their popularity on a proven record of reliability and a reputation for offering valuable features at an affordable price. The 200B Series provides manual internal and external bleed, heavy-duty, UV-resistant PVC construction, stainless steel hardware,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

FEATURES

- Accepts OmniReg® modular pressure regulator, ensuring consistent performance
- Unique three-way stainless steel Bonnet
- Slow-closing design, reducing water hammer and resulting stress on the system
- Heavy-duty, corrosion- and UV-resistant PVC and stainless steel construction
- High-strength ribbed bonnet and bottom inlet
- Internal and external bleed (flush mode)
- Rugged, double-beaded SANTOPRENE® diaphragm, ensuring a leak-proof seal
- 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

DIMENSIONS

- **214B:** H: 6 1/2", W: 2 1/2", L: 4 1/2"
- **216B:** H: 7 3/4", W: 4 1/4", L: 5 1/2"
- **217B:** H: 8 3/4", W: 5 1/4", L: 6 1/4"



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

OPTIONAL ACCESSORIES

A: Recycled-water solenoid kit (RW60-KIT); purple solenoid with purple warning tag

B: DC latching solenoid (DCL)

Note: Maximum pressure for a valve that utilizes latching solenoid is 120 psi.

C: OmniReg® regulator (OMR-30)

