ELECTRIC GLOBE/ANGLE

# 200B SERIES



N C C W series

TRIC GLOBE/ANGLE

The 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.

Available in 1-, 1  $\frac{1}{2}$ - and 2-inch models, 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. Other key features include high-strength ribbed bonnet and bottom inlet, threaded inlet plug O-ring seal, and optional flow control on all models. Plus, the 200B Series is designed to close slowly, reducing water hammer.

The 200B Series — proven reliability, sensibly priced.



## 200B SERIES

### VALVES

# 1'', $1\frac{1}{2}''$ and 2'' plastic models

#### Features

Performance

- Flow range from 5-120 GPM
- Pressure range from 20-150 psi
- · Manual internal bleed
- Manual external bleed (flush mode)
- Slow-closing design reduces water hammer
- Optional flow control allows precise flow adjustment and manual shutoff

#### Quality Construction

- Heavy-duty, corrosion- and UVresistant PVC construction with stainless steel spring and hardware
- Rugged, double-beaded SANTO-PRENE® diaphragm provides leak-proof seal
- Buna-N valve seat seal
- High-strength ribbed bonnet and bottom inlet
- Unique, threaded inlet plug O-ring seal prevents leaks
- Encapsulated injection-molded solenoid
- Captive plunger
- Easily serviced without removal from the system

- Unique three-way stainless steel bonnet screws accept Phillips, flatblade and hex-driver tools
- Accepts OmniReg<sup>™</sup> modular pressure regulator

#### Pressure Regulation (OmniReg™ modular option)

- Electric or manual operation
- Pressure setting dial
- Self-modulating pressure regulator maintains constant downstream pressure within ± 3 psi of pressure setting
- Outlet pressure regulating range from 5-100 psi or 5-30 psi with Schrader valve test port (SPK-100 and SPK-30 gauges optional)
- Retrofits in less than one minute
- Inlet pressure must be 10 psi greater than desired outlet pressure

#### **Electrical Specifications**

• Solenoid: 24 VAC

• Inrush volt-amp: 24 VAC-11.50 VA

• Inrush current: .4 amp

• Holding volt-amp: 24 VAC-5.75 VA

• Holding current: .2 amp

#### Optional Accessories

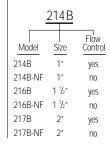
- OmniReg 5-100 psi regulator (OMR-100)
- OmniReg 5-30 psi regulator (OMR-30)
- Weatherproof gauge (SPK-100)
- Weatherproof gauge (SPK-30)
- Reclaimed water solenoid kit (RW60-Kit); purple solenoid with purple warning tag
- DC latching solenoid (E2002)

Flow Rate-GPM

Model	Size	Globe Angle	5	10	15	20	30	40	50	60	80	100	120
214B	1"	G A	3.36 3.09	2.60 2.20	1.82 1.48	2.35 1.98	5.40 4.00	9.73 8.12					
216B	1 <sup>1</sup> /2"	G A				3. <u>0</u> 4_ 2.76	2.6 <u>6</u> 2.24	2.33 1.99	2.97 2.30	4.14 3.10	5. <u>62</u> 4.42		
217B	2"	G A				2.00 2.00	1.93 1.93	1.73 1.73	1.55 1.55	1.68 1.59	2. <u>99</u> 2.15	4.85 3.27	6.31 4.88

- 1) When designing a system, the industry standard for flow rate velocity through pipes and fittings is 5 FPS.
- 2) Pressure loss data are derived from valves independently tested by CIT, Fresno, CA
- 3) In general, we recommend sizing regulating valves toward upper flow ranges for best regulating performance.

### MODELS HOW TO SPECIFY





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