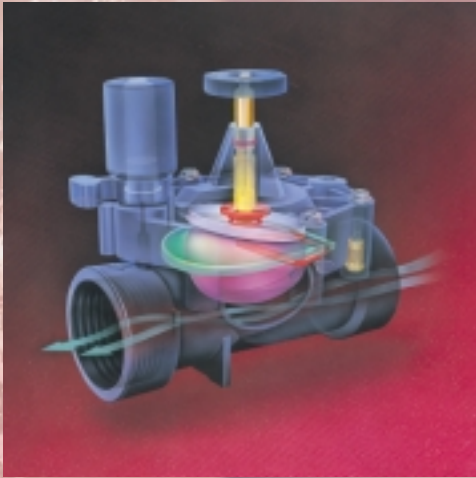


ELECTRIC GLOBE

700 SERIES (ULTRAFLOW)

V A L V E S



ELECTRIC GLOBE

700 SERIES

V A L V E S

Featuring a straight-through flow path that dramatically reduces pressure loss, the UltraFlow Series of plastic valves leads the industry in long-term performance and reliability. With a flow range of .10 to 180 GPM and a self-cleaning, 150-mesh, stainless steel filter screen, these unique valves are ideal for a multitude of potable and dirty water applications.

A glass-reinforced nylon body and bonnet, a stainless steel spring and hardware, and a rugged, nylon-reinforced Buna-N diaphragm add an extra dimension of toughness to this very durable family of valves.

UltraFlow Series valves — ultra performance.

Irritrol[®]
SYSTEMS

700 SERIES (ULTRAFLOW)

V A L V E S

3/4", 1", 1 1/2" and 2"
plastic models

Features

Performance

- Flow range from .10-180 GPM
- Pressure range from 10-150 psi
- Manual internal bleed
- Self-flushing, 150-mesh, stainless steel filter screen on 1-, 1 1/2- and 2-inch models
- Unique straight-through flow path provides low pressure loss and superior regulation (OmniReg™)
- Slow-closing design prevents water hammer
- Wide flow range
- Flow control allows precise flow adjustment and manual shutoff (not available on 3/4-inch model)
- Accepts OmniReg™ 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

Quality Construction

- Tough glass-reinforced nylon, stainless steel and brass construction
- Rugged, nylon-reinforced Buna-N diaphragm provides leak-proof seal

- Buna-N valve seat seal
- Encapsulated injection-molded solenoid
- Captive plunger
- Compact, low-profile design
- Unique three-way stainless steel bonnet screws with threaded brass inserts accept Phillips, flatblade and hex-driver tools

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

- Weatherproof gauge (SPK-100)
- Weatherproof gauge (SPK-30)
- OmniReg™ 5-100 psi regulator (OMR-100)
- OmniReg™ 5-30 psi regulator (OMR-30)
- Reclaimed water kit (RW60-KIT)
- DC latching solenoid (E2002)

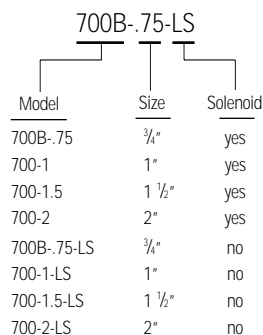
Flow Rate-GPM

Model	Size	2	5	10	15	20	30	40	50	60	80	100	120	140	160	180
700B-.75	3/4"	0.38	0.86	1.22	2.03	3.27	6.75									
700-1	1"	1.59	1.80	2.41	2.23	1.84	3.22	5.58	8.59							
700-1.5	1 1/2"				0.19	0.36	0.69	1.13	1.49	2.13	3.85	6.06	8.72	11.89		
700-2	2"						0.64	0.83	0.98	1.17	2.07	3.06	3.96	5.21	6.50	8.23

Pressure Loss-PSI

- 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



BEYOND THE EXPECTED

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