

Application

A straight-through flow path for minimum pressure loss and a host of standard and optional operating features make these heavy-duty electric globe valves ideal for a variety of challenging residential and light commercial applications.

Features

- Manual internal bleed
- Self-cleaning, 150-mesh, stainless steel filter screen on 25, 40 and 50 mm models
- In-line FBSP inlet and outlet
- Straight-through flow path provides low pressure loss
- Slow-closing design reduces likelihood of water hammer
- Flow control allows flow adjustment and manual shutoff (not available on 20 mm model)
- Compact, low-profile design
- Glass-reinforced nylon body and bonnet construction with stainless steel spring and hardware
- Rugged, nylon-reinforced Buna-N diaphragm
- Captive plunger solenoid
- Three-way stainless steel bonnet screws accept Phillips, flat-blade and hex-driver tools

Operating Specifications

- Flow Range:
 - 20 mm: 1 to 110 Lpm
 - 25 mm: 1 to 180 Lpm
 - 40 mm: 60 to 530 Lpm
 - 50 mm: 120 to 680 Lpm
- Consult your irrigation designer before using any solenoid valve where flow velocities exceed 2 m/sec
- Pressure Range: 70 - 1034 kPa (maximum pressure drops to 800 kPa if using DCL coil)

Dimensions (L × W × H)

Size	Length (mm)	Width (mm)	Height (mm)
20	86	48	114
25	117	76	117
40	157	111	140
50	203	142	178

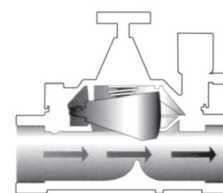
Independently tested at the CIT, California, USA

Electrical Specifications

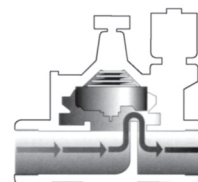
- Solenoid: 24 VAC.
- Inrush volt-amp: 24 VAC–9.6 VA
- Inrush current: 0.4 amp
- Holding volt-amp: 24 VAC–4.8 VA
- Holding current: 0.2 amp

Accessories

- 9–12 VDC Latching Solenoid (DCL)
- OMNIReg® Pressure Regulating Kit



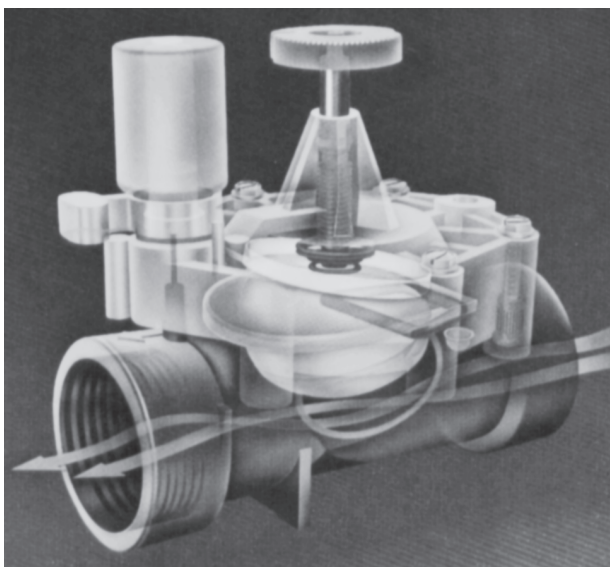
The UltraFlow Series straight-through flow path



Conventional flow path

Ordering Information

Code	Description
700-.75-50H	90 L/m Ultra-Flow Solenoid Valve 20 mm FBSP
700-1-BSP	180 L/m Ultra-Flow Solenoid Valve with Flow Control 25 mm FBSP
700-1.5-BSP	400 L/m Ultra-Flow Solenoid Valve with Flow Control 40 mm FBSP
700-2-BSP	680 L/m Ultra-Flow Solenoid Valve with Flow Control 50 mm FBSP



Constructed of glass reinforced nylon with stainless steel hardware

Flow vs Pressure Loss

