



Series 80

80-1", 80-3/4" Turf Irrigation Valves

New electric valve for gardens, parks
and golf courses

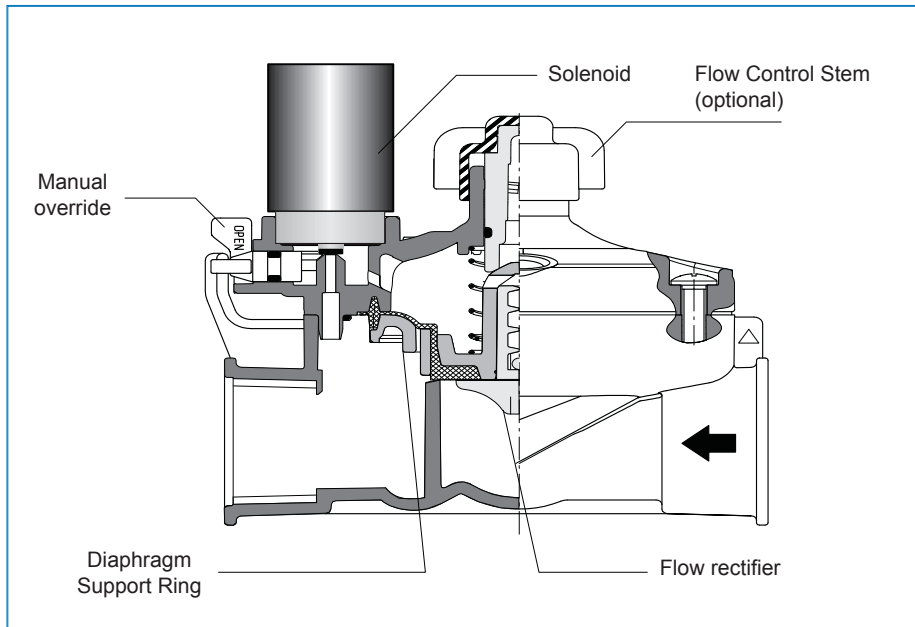
Features and Benefits

- Simple, reliable and economical
- Globe- pattern valve, activated by a fully- supported diaphragm
- Durable, corrosion free materials
- Unique clog- free labyrinth inlet of the activation water
- Operation at wide range of flow rates, from near zero to the maximal flow
- Internal bleed manual override opening
- Removable flow control stem handle (optional)

No filters

No cleaning needle

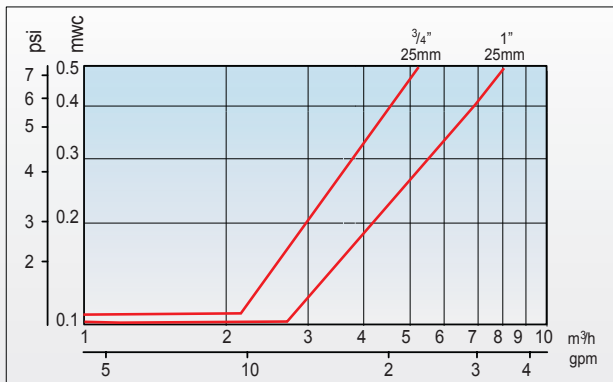




Technical Data

Pressure losses

| flow | | Pressure loss | | | |
|------|-------------------|---------------------|------|-------|------|
| | | 80- $\frac{3}{4}$ " | | 80-1" | |
| gpm | m ³ /h | psi | bar | psi | bar |
| 2.2 | 0.5 | 1.42 | 0.10 | 1.42 | 0.10 |
| 4.4 | 1 | 1.60 | 0.11 | 1.42 | 0.10 |
| 8.8 | 2 | 1.65 | 0.11 | 1.42 | 0.10 |
| 13.2 | 3 | 2.90 | 0.20 | 1.65 | 0.11 |
| 17.6 | 4 | 4.35 | 0.30 | 2.61 | 0.18 |
| 22.0 | 5 | 6.82 | 0.47 | 3.63 | 0.25 |
| 26.4 | 6 | | | 4.83 | 0.33 |
| 30.8 | 7 | | | 6.09 | 0.42 |



Dimensions

| | | 20mm, $\frac{3}{4}$ " | 25mm, 1" |
|--|------|-----------------------|----------|
| Height | mm | 109 | 112 |
| | inch | 4.3 | 4.4 |
| Width | mm | 75 | 75 |
| | inch | 3 | 3 |
| Length - Straight Center to outlet-Angle | mm | 98 | 103 |
| | inch | 3.9 | 4.1 |
| Weight | kg | 0.28 | 0.29 |
| | lbs | 0.62 | 0.64 |

Operation Data

| | | 20mm, $\frac{3}{4}$ " | 25mm, 1" |
|--------------------|--------------------|-----------------------|----------|
| Max. Flow | m ³ /hr | 6 | 10 |
| | gpm | 26 | 44 |
| Pressure range | bar | 0.5-10 | |
| | psi | 7-145 | |
| Max. Water Temp. | °C | 60 | |
| | °F | 140 | |
| Max. Ambient Temp. | °C | 52 | |
| | °F | 125 | |

Electrical Specifications

- Standard: 24 VAC 50/60 Hz. $\pm 10\%$
Optional: other voltage rating or latching DC operators
- Current: 0.26 Amp Inrush; 0.12 Amp holding