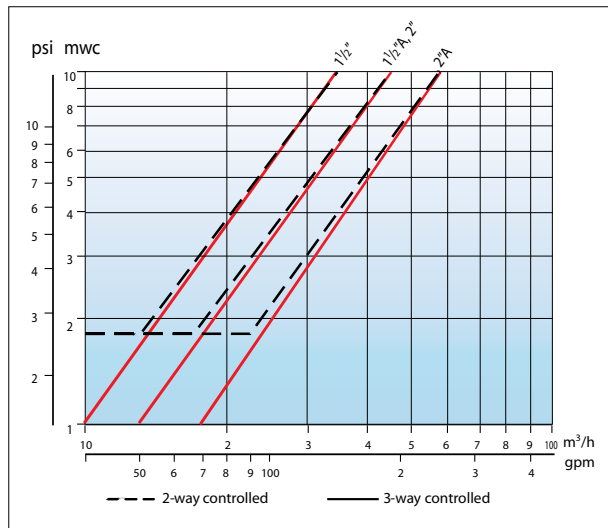


Technical Data

Pressure losses

| Flow | | Pressure loss (3-way valves) | | | | | | | |
|------|-------------------|------------------------------|------|----------|------|----------|------|----------|------|
| | | 40mm, 1 1/2" | | | | 50mm, 2" | | | |
| | | Angle | | Straight | | Angle | | Straight | |
| gpm | m ³ /h | psi | bar | psi | bar | psi | bar | psi | bar |
| 22 | 5 | 0.19 | 0.01 | 0.33 | 0.02 | 0.11 | 0.01 | 0.19 | 0.01 |
| 44 | 10 | 0.75 | 0.05 | 1.33 | 0.09 | 0.43 | 0.03 | 0.75 | 0.05 |
| 88 | 20 | 3 | 0.21 | 5.33 | 0.37 | 1.72 | 0.12 | 3 | 0.21 |
| 132 | 30 | 6.74 | 0.46 | 12 | 0.83 | 3.9 | 0.27 | 6.74 | 0.46 |
| 176 | 40 | | | | | 6.9 | 0.48 | 12 | 0.83 |



Dimensions

| | | 40mm, 1 1/2" | | 50mm, 2" | |
|---|------|--------------|----------|----------|----------|
| | | Angle | Straight | Angle | Straight |
| Height | mm | 171 | 159 | 171 | 166 |
| | inch | 6.73 | 6.23 | 6.73 | 6.54 |
| Width | mm | 163 | 163 | 163 | 163 |
| | inch | 6.42 | 6.42 | 6.42 | 6.42 |
| Length - Straight Center to outlet-Angle | mm | 88 | 165 | 88 | 165 |
| | inch | 3.46 | 6.5 | 3.46 | 6.5 |
| Weight | kg | 0.8 | 0.9 | 0.8 | 0.9 |
| | lbs | 1.8 | 2 | 1.8 | 2 |

Operation data

| | | 40mm, 1 1/2" | | 50mm, 2" | |
|--------------------|--------------------|--------------------|-----|----------|-----|
| | | m ³ /hr | gpm | bar | psi |
| Max. Flow | m ³ /hr | 25 | 40 | | |
| | gpm | 110 | 176 | | |
| 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. ±10%
Optional: other voltage rating or latching DC operators
- Current: 0.26 Amp Inrush; 0.12 Amp holding