



Plastic Quick Coupling Valve (QCV)

The Plastic Quick Coupling Valve (QCV) is a rugged, low-maintenance solution ideal for turf and landscape irrigation. Built with UV-resistant, non-corrosive materials, this valve ensures long-lasting durability and reliable performance even under challenging conditions. The innovative "Push and Lock" mechanism, combined with a spring-loaded, self-locking lid, provides a secure and easy-to-use system for quick water access. Available in various connection sizes, this plastic QCV is designed to offer superior sealing at low pressure for efficient irrigation control.

HIGHLIGHTS

- **Perfect Sealing:** Specially designed grommet ensures leak-proof sealing even at low pressure, optimizing water flow.
- **Rugged Two-Piece Design:** Durable two-piece plastic construction for enhanced strength and long-lasting use.
- **Push and Lock Mechanism:** Features a hex-gripping "Key" for secure handling and easy operation during irrigation tasks.
- **Self-Locking Lid:** Spring-loaded, self-locking lid prevents debris and dirt from entering, ensuring reliable operation.
- **UV Resistant and Non-Corrosive:** Built with UV-resistant, non-corrosive materials for maximum durability in outdoor environments.
- **Flexible Connection Options:** Available in 1" (25 mm) and ¾" (20 mm) sizes, making it versatile for various irrigation setups.
- **Low Pressure Systems:** Ideal for applications requiring low-pressure sealing, providing consistent performance in turf and landscape irrigation.

APPLICATIONS

- **Turf and Landscape Irrigation:** Designed specifically for efficient water distribution across lawns, gardens, and landscaped areas.

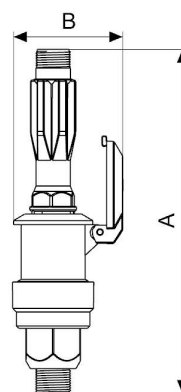


| | | | |
|------------------------------------|--------------------|-------------------------|-------------------|
| Model No | | 70P / 70PM | 71P / 71PM |
| Size | | $\frac{3}{4}$ " (20 mm) | 1" (25 mm) |
| Connection Type | | BSP / NPT Male Threaded | |
| Recommended Flow Rate | M ³ /HR | 2-5 | |
| | GPM | 7-18 | |
| Maximum Working Pressure | BAR | 6 | |
| | PSI | 85 | |
| Media | | Water | |
| Maximum Working Temperature | | 60 °C / 140 °F | |

| Material Specification | | |
|------------------------|---------------|----------|
| Part No | Part Name | Material |
| 1 | Bottom | PPGF |
| 2 | Sleeve | PPGF |
| 3 | Sleeve O-Ring | NBR |
| 4 | Filter O-Ring | NBR |
| 5 | Spring | St.St. |
| 6 | Filter | POM |
| 7 | Gasket | EPDM |
| 8 | Cap Pin | PP |
| 9 | Body | PPGF |
| 10 | Cap | PPGF |
| 11 | Key | PPGF |



| Dimension | | 70P | 70PM | 71P | 71PM |
|-----------|------|-------------------|------------------|--------------------|------------------|
| A | CM | 25.8 | 25.4 | 27.8 | 25.4 |
| | INCH | 10 $\frac{5}{32}$ | 10 | 10 $\frac{15}{16}$ | 10 |
| B | CM | 8.1 | 10.7 | 9.1 | 10.7 |
| | INCH | 3 $\frac{3}{16}$ | 4 $\frac{7}{32}$ | 3 $\frac{37}{64}$ | 4 $\frac{7}{32}$ |



70P / 71P



70PM / 71PM