

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 3/4" (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.

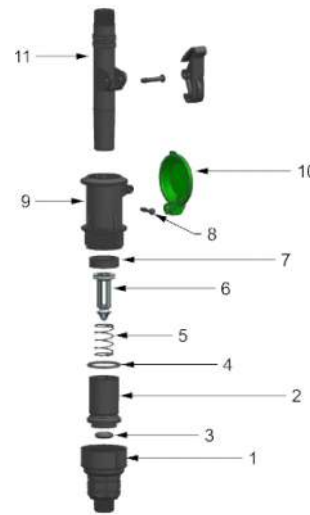
APPLICATIONS

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

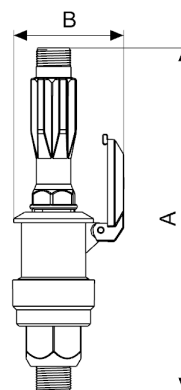


Model No		70P / 70PM	71P / 71PM
Size		¾" (20 mm)	1" (25 mm)
Connection Type		BSP / NPT Male Threaded	
Recommended Flow Rate	M ³ /HR	2-5	
	GPM	7-18	
Maximum Working Pressure	BAR	6	
	PSI	85	
Media		Water	
Maximum Working Temperature		60 °C / 140 °F	

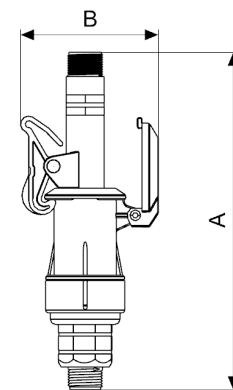
Material Specification		
Part No	Part Name	Material
1	Bottom	PPGF
2	Sleeve	PPGF
3	Sleeve O-Ring	NBR
4	Filter O-Ring	NBR
5	Spring	St.St.
6	Filter	POM
7	Gasket	EPDM
8	Cap Pin	PP
9	Body	PPGF
10	Cap	PPGF
11	Key	PPGF



Dimension		70P	70PM	71P	71PM
A	CM	25.8	25.4	27.8	25.4
	INCH	10 5/32	10	10 15/16	10
B	CM	8.1	10.7	9.1	10.7
	INCH	3 3/16	4 7/32	3 37/64	4 7/32



70P / 71P



70PM / 71PM