



Count on it.

# Quick Coupling Valves

## V A L V E S

470 Series Quick Coupling Valves provide frequently watered areas with localized access to the mainline water supply.

### Features

- Provides a range of flows to meet all performance requirements
- One or two-piece (474 only) valves with heavy-duty brass construction
- Single-lug and ACME thread key connections
- Metal and vinyl locking and non-locking covers
- Locking effluent cover
- Hose swivel provides 360° movement without hose tangling



470 Series Friction Loss Chart – Metric Data (Bar)*											
Flow (LPM)	35	50	75	100	125	150	175	225	275	325	375
Model 473	0,1	0,2	0,4	0,6							
Model 474			0,1	0,2	0,3	0,5					
Model 475				0,1	0,2	0,2	0,4	0,6			
Model 476						0,1	0,1	0,2	0,3	0,4	0,6

\*Values are listed in Bar

For kPa values, multiply tabular values by 100

For Kg/cm<sup>2</sup> values, multiply tabular values by 1,02

470 Series Friction Loss Chart – English Data (PSI)												
Flow (GPM)	10	15	20	25	30	35	40	50	60	70	85	100
Model 473	1.5	3.1	5.3	8.5								
Model 474			1.1	2.2	3.6	5.7	8.0					
Model 475				1.0	1.8	2.7	3.6	6.4	9.8			
Model 476						1.0	1.7	2.6	3.6	5.6	8.8	

Note: For optimum sprinkler performance when designing a system, be sure to calculate total friction loss to ensure sufficient downstream pressure.

## Specifying Information Quick Coupler Keys and Accessories

<i>Model Number</i>	<i>Inlet Size</i>	<i>Description</i>
463-01	20mm (3/4")	13mm (1/2") Female, 20mm (3/4") Male, 3/4" Single Lug Key, w/ 1/2" Top Pipe Thread Outlet
464-01	25mm (1")	20mm (3/4") Female, 25mm (1") Male, 1" Top Pipe Thread Outlet w/Internal 3/4" NPT Threads
464-02	25mm (1")	25mm (1") Female, Single Lug Coupler Key
464-03	25mm (1")	25mm (1") Acme Thread Coupler Key, Top Pipe Thread Outlet
466-01	40mm (1 1/2")	32mm (1 1/4") Female, 40mm (1 1/2") Male, Single Lug Coupler Key
477-00		20mm (3/4") NPT x 20mm (3/4") MHT Hose Swivel
477-01		25mm (1") NPT x 20mm (3/4") MHT Hose Swivel
477-02		25mm (1") NPT x 25mm (1") MHT Hose Swivel
491-02		Key for Locking Cover

## Specifying Information Quick Coupler Valves

<i>Model Number</i>	<i>Description</i>
473-00	20mm (3/4") Single lug, Quick Coupler w/Standard Metal Cover
474-00	25mm (1") Standard Cover
474-01	25mm (1") Two-piece, Single Lug, Quick Coupler w/Vinyl Cover
474-03	25mm (1") One-piece, Single Lug, Quick Coupler w/Vinyl Locking Cover
475-00	25mm (1") IPT x 32mm (1 1/4") Standard Cover
475-01	25mm (1") IPT x 32mm (1 1/4") Vinyl Cover
476-00	40mm (1 1/2") Standard Cover
476-01	40mm (1 1/2") Vinyl Cover
474-21	2-Piece, 25mm (1") Single Lug, Vinyl Cover
491-02	Key for Locking Cover
474-04	1-Piece, 25mm (1") Quick Coupler w/Effluent Locking Cover
474-24	2-Piece, 25mm (1") Single Lug, Quick Coupler Lavender, w/Effluent Locking Cover
474-44	1-Piece, 25mm (1") Single Lug, Quick Coupler w/Acme Thread Quick Coupler and Lavender, w/Effluent Locking Cover
476-04	1-Piece, 40mm (1 1/2") Quick Coupler w/Effluent Locking Cover



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