



# 470 Quick Coupler Valves

$\frac{3}{4}$ " , 1" , 1 $\frac{1}{4}$ " , 1 $\frac{1}{2}$ "

Standard, Vinyl, Effluent

One- and Two-piece Models

## Features

- $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ " one- and two-piece single-lug models including ACME thread key connections to meet a variety of installation requirements
- Hose swivel provides 360° movement without hose tangling for ease of use
- A variety of sizes to meet various applications
- Metal and vinyl locking and non-locking covers
- Lavender-colored locking cover for recycled-water applications
- Two-year warranty

## 470 Series Friction Loss Data—U.S.

	GPM Flow											
	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. Flow rates are recommended not to exceed 5 psi loss. Values listed in psi.

## 470 Series Friction Loss Data—Metric

	LPM Flow										
	35	50	75	100	125	150	175	225	275	325	375
Model 473	1,0	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

*Note:* For optimum sprinkler performance when designing a system, be sure to calculate total friction loss to ensure sufficient downstream pressure. Flow rates are recommended not to exceed 0,3 bar loss. Values listed in bar. For kPa values, multiply tabular values by 100. For Kg/cm<sup>2</sup> values, multiply tabular values by 1,02.

## Ordering Information—Quick Coupler Valve Accessories

Order Number	Description
463-01	$\frac{1}{2}$ " Female, $\frac{3}{4}$ " Male, Single-lug Coupler Key
464-01	$\frac{3}{4}$ " Female, 1" Male, Single-lug Coupler Key
464-02	1" Female, Single-lug Coupler Key
464-03	1" ACME Thread Coupler Key
465-01	1 $\frac{1}{4}$ " Inlet, $\frac{3}{4}$ " Female, 1" Male, Single-lug Coupler Key
465-02	1" Female, 1 $\frac{1}{2}$ " Male, Single-lug Coupler Key
466-01	1 $\frac{1}{4}$ " Female, 1 $\frac{1}{2}$ " Male, Single-lug Coupler Key
477-00	$\frac{3}{4}$ " NPT x $\frac{3}{4}$ " MHT Hose Swivel
477-01	1" NPT x $\frac{3}{4}$ " MHT Hose Swivel
477-02	1" NPT x 1" MHT Hose Swivel
491-02	Key for Locking Cover

## Specifying Information—Quick Couplers

Order No.	Description	Corresponding Key(s)	Corresponding Swivel(s)*		
			477-00	477-01	477-02
473-00	1-piece, $\frac{3}{4}$ " Quick Coupler w/ Standard Cover	463-01	A	B	B
474-00	1-piece, 1" Quick Coupler w/ Standard Cover	464-01 & 464-02	B	A	A
474-01	1-piece, 1" Quick Coupler w/ Vinyl Cover	464-01 & 464-02	B	A	A
474-03	1-piece, 1" Quick Coupler w/ Vinyl Locking Cover	464-01 & 464-02	B	A	A
474-04	1-piece, 1" Quick Coupler w/ Vinyl Effluent Cover	464-01 & 464-02	B	A	A
474-21	2-piece, 1" Quick Coupler w/ Vinyl Cover	464-01 & 464-02	B	A	A
474-24	2-piece, 1" Quick Coupler w/ Vinyl Effluent Cover	464-01 & 464-02	B	A	A
474-44	1-piece, 1" ACME Thread Quick Coupler w/ Vinyl Effluent Cover	464-03	B	A	A
475-00	1-piece, 1" IPT x 1 $\frac{1}{4}$ " Quick Coupler w/ Standard Cover	465-01 & 465-02	B	B	B
475-01	1-piece, 1" IPT x 1 $\frac{1}{4}$ " Quick Coupler w/ Vinyl Cover	465-01 & 465-02	B	B	B
474-00	1-piece, 1 $\frac{1}{2}$ " Quick Coupler w/ Standard Cover	466-01	B	B	B
476-01	1-piece, 1 $\frac{1}{2}$ " Quick Coupler w/ Vinyl Cover	466-01	B	B	B
476-04	1-piece, 1 $\frac{1}{2}$ " Quick Coupler w/ Vinyl Effluent Cover	466-01	B	B	B

\* A – Attaches directly to the quick coupler key. B – Requires additional fittings to be used with the quick coupler key.