

**TORO®**

## 470 QUICK COUPLER VALVES



Whether it's for hand watering the hot spots, fertilizer wash in, washing down equipment or filling the sprayer and lakes the 400 Series provides a full family of quick coupling valves and accessories that connects you directly to the main water source to fill all your hand watering needs.

## FEATURES & BENEFITS

### Full Range of Flows

From 0 to 100 gallons per minute capability the 400 Series offers sizes ranging from 3/4" to 1 1/2" models to cover all your watering need.

### Wide Variety of Covers

Stainless steel for durability, vinyl for impact resistance, lavender for effluent water applications and locking covers that restricts access, the 400 series provides a wide variety of covers to meet every application need.

### Hose Swivels

Hose swivels attached to the quick coupler key provides 360 degree rotation in either direction to eliminate hose kinking and tangling.

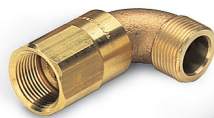




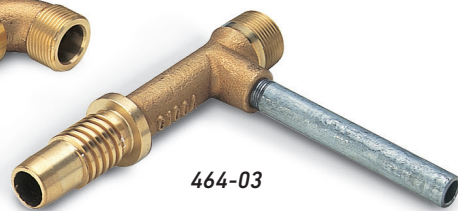
476-01

474-44

473-00



477-00



464-03

## SPECIFICATIONS

### Operational

- 3/4", 1" and 1 1/2" one- and two-piece single-lug models including ACME thread key connections to meet a variety of installation requirements
- Metal and vinyl locking and non-locking covers
- Effluent (lavender-colored) locking cover

### Warranty

- Five years

## Ordering Information—Quick Coupler Valve Accessories

Order Number	Description
463-01	1/2" Female, 3/4" Male, Single-lug Coupler Key
464-01	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 1/4" Inlet, 3/4" Female, 1" Male, Single-lug Coupler Key
466-01	1 1/4" Female, 1 1/2" Male, Single-lug Coupler Key
477-00	3/4" NPT x 3/4" MHT Hose Swivel
477-01	1" NPT x 3/4" MHT Hose Swivel
477-02	1" NPT x 1" MHT Hose Swivel

## 470 SERIES FRICTION LOSS DATA

	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.

## Specifying Information—Quick Couplers

Toro Model Number	Description	Inlet Size NPT Threads	Body Type	Outlet Key Size	Corresponding Key(s)	Valve Cover Type	Corresponding Swivel(s)*		
							477-00	477-01	477-02
473-00	QCV .75, SS CVR	3/4"	1 Piece	3/4"	463-01	Stainless Steel	A	B	B
474-00	QCV 1, SS CVR	1"	1 Piece	1"	464-01 & 464-02	Stainless Steel	B	A	A
474-01	QCV 1, VYL CVR	1"	1 Piece	1"	464-01 & 464-02	Yellow Vinyl, Spring Loaded	B	A	A
474-03	QCV 1, VYL CVR, W/LK	1"	1 Piece	1"	464-01 & 464-02	Yellow Vinyl, Locking, Spring Loaded	B	A	A
474-04	QCV 1, LAV VYL CVR	1"	1 Piece	1"	464-01 & 464-02	Lavender Vinyl, Locking, Spring Loaded	B	A	A
474-21	QCV 1, VYL CVR, 2PC	1"	2 Piece	1"	464-01 & 464-02	Yellow Vinyl, Spring Loaded	B	A	A
474-24	QCV 1, LAV VYL CVR, 2PC	1"	2 Piece	1"	464-01 & 464-02	Lavender Vinyl, Locking, Spring Loaded	B	A	A
474-40	QCV 1, SS CVR, ACME	1"	1 Piece	1"	464-03	Stainless Steel	B	A	A
474-41	QCV 1, VYL CVR, ACME	1"	1 Piece	1"	464-03	Yellow Vinyl, Spring Loaded	B	A	A
474-44	QCV 1, LAV VYL CVR, W/LK, ACME	1"	1 Piece	1"	464-03	Lavender Vinyl, Locking, Spring Loaded	B	A	A
475-00	QCV 1.25, SS CVR	1"	1 Piece	1 1/4"	465-01	Stainless Steel	B	B	B
475-01	QCV 1.25, VYL CVR	1"	1 Piece	1 1/4"	465-01	Yellow Vinyl	B	B	B
476-00	QCV 1.5, SS CVR	1 1/2"	1 Piece	1 1/2"	466-01	Stainless Steel	B	B	B
476-01	QCV 1.5, VYL CVR	1 1/2"	1 Piece	1 1/2"	466-01	Yellow Vinyl, Spring Loaded	B	B	B
476-04	QCV 1.5, LAV VYL CVR	1 1/2"	1 Piece	1 1/2"	466-01	Lavender Vinyl, Locking, Spring Loaded	B	B	B