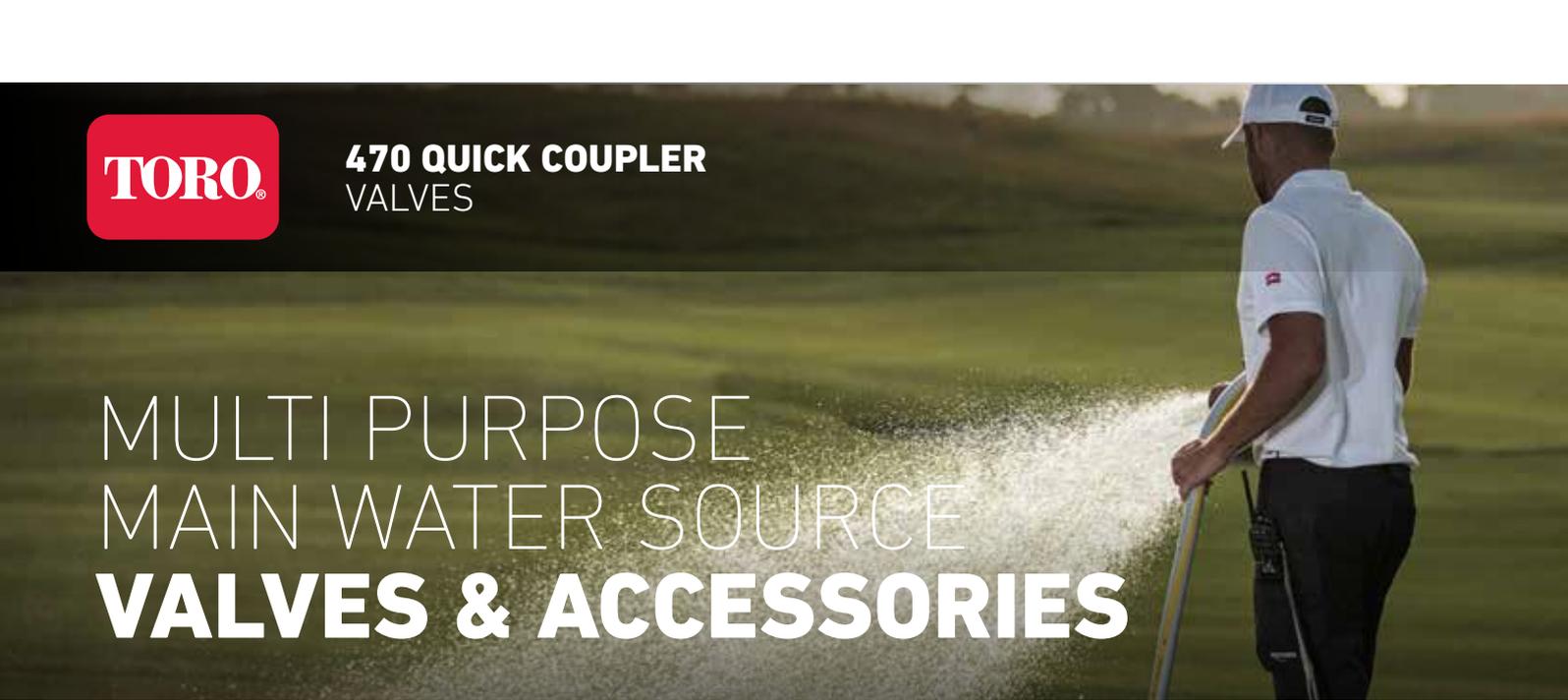




## 470 QUICK COUPLER VALVES

# MULTI PURPOSE MAIN WATER SOURCE VALVES & ACCESSORIES



### FEATURES

#### 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 connect you directly to the main water source to fill all your hand watering needs.

- Full range of flows from 0 to 100 gallons per minute
- 1,9, 2,5 and 3,8cm (0.75", 1" and 1.5") 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 meet various applications
- Metal and vinyl locking and non-locking covers
- Effluent (lavender-colored) locking cover

#### Warranty

- Two years



476-01



474-44



473-00



477-00



464-03

FRICITION LOSS DATA - METRIC / U.S. IMPERIAL

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/cm2 values, multiply tabular values by 1,02.

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 QUICK COUPLER SPECIFYING INFORMATION

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 19,1(0.75), SS CVR	19,1mm(.75")	1 Piece	19,1mm(.75")	463-01	Stainless Steel	A	B	B
474-00	QCV 25,4(1), SS CVR	25,4mm(1")	1 Piece	25,4mm(1")	464-01/464-02	Stainless Steel	B	B	A
474-01	QCV 25,4(1), VYL CVR	25,4mm(1")	1 Piece	25,4mm(1")	464-01/464-02	Yellow Vinyl, Spring Loaded	B	B	A
474-03	QCV 25,4(1), VYL CVR, W/LK	25,4mm(1")	1 Piece	25,4mm(1")	464-01/464-02	Yellow Vinyl, Locking, Spring Loaded	B	B	A
474-04	QCV 25,4(1), LAV VYL CVR	25,4mm(1")	1 Piece	25,4mm(1")	464-01/464-02	Lavender Vinyl, Locking, Spring Loaded	B	B	A
474-21	QCV 25,4(1), VYL CVR, 2PC	25,4mm(1")	2 Piece	25,4mm(1")	464-01/464-02	Yellow Vinyl, Spring Loaded	B	B	A
474-24	QCV 25,4(1), LAV VYL CVR, 2PC	25,4mm(1")	2 Piece	25,4mm(1")	464-01/464-02	Lavender Vinyl, Locking, Spring Loaded	B	B	A
474-40	QCV 25,4(1), SS CVR, ACME	25,4mm(1")	1 Piece	25,4mm(1")	464-03	Stainless Steel	B	A	A
474-41	QCV 25,4(1), VYL CVR, ACME	25,4mm(1")	1 Piece	25,4mm(1")	464-03	Yellow Vinyl, Spring Loaded	B	A	A
474-44	QCV 25,4(1), LAV VYL CVR, W/LK, ACME	25,4mm(1")	1 Piece	25,4mm(1")	464-03	Lavender Vinyl, Locking, Spring Loaded	B	A	A
475-00	QCV 31,8(1.25), SS CVR	25,4mm(1")	1 Piece	31,8mm(1.25")	465-01	Stainless Steel	B	B	B
475-01	QCV 31,8(1.25), VYL CVR	25,4mm(1")	1 Piece	31,8mm(1.25")	465-01	Yellow Vinyl	B	B	B
476-00	QCV 38,1(1.5), SS CVR	38,1mm(1.5")	1 Piece	38,1mm(1.5")	466-01	Stainless Steel	B	B	B
476-01	QCV 38,1(1.5), VYL CVR	38,1mm(1.5")	1 Piece	38,1mm(1.5")	466-01	Yellow Vinyl, Spring Loaded	B	B	B
476-04	QCV 38,1(1.5), LAV VYL CVR	38,1mm(1.5")	1 Piece	38,1mm(1.5")	466-01	Lavender Vinyl, Locking, Spring Loaded	B	B	B

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

QUICK COUPLER VALVE ACCESSORIES

Order Number	Description	Order Number	Description
463-01	12,7mm(0.5") Female, 19,1mm(0.75") Male, Single-lug Coupler Key	477-00	19,1mm(0.75") NPT x 19,1mm(0.75") MHT Hose Swivel
464-01	19,1mm(0.75") Female, 25,4mm(1") Male, Single-lug Coupler Key	477-01	25,4mm(1") NPT x 19,1mm(0.75") MHT Hose Swivel
464-02	25,4mm(1") Female, Single-lug Coupler Key	477-02	25,4mm(1") NPT x 25,4mm(1") MHT Hose Swivel
464-03	25,4mm(1") ACME Thread Coupler Key		
465-01	31,8mm(1.25") Inlet, 19,1mm(0.75") Female, 25,4mm(1") Male, Single-lug Coupler Key	LK	Key for Locking Cover
466-01	31,8mm(1.25") Female, 38,1mm(1.5") Male, Single-lug Coupler Key		

