

## Technical Specifications

### 7600 SERIES QUICK COUPLING VALVE

#### FEATURES

- ACME<sup>R</sup> threads STANDARD for slow and steady flow control instead of immediate on/off.
- Rubber cover.
- Optional locking cover available.
- Optional lavender rubber cover identifies reclaimed water site – molded in “RECLAIMED WATER – DO NOT DRINK”: in English and Spanish.

#### Quick Coupling Valve Specifications

MODEL	DESCRIPTION
• 7642-QCVYEL	Yellow Non-Locking Cover, 1" NPT (25.4 mm)
• 7642B	Yellow Non-Locking Cover, 1" BST (25.4 mm)
• 7643-QCVLYEL	Yellow Locking Cover, 1" NPT (25.4 mm)
• 7643B	Yellow Locking Cover, 1" BST (25.4 mm)
• 7644-QCVNP	Lavender Non-Locking Cover, 1" NPT (25.4 mm)
• 7644B	Lavender Non-Locking Cover, 1" BST (25.4 mm)
• 7645-QCVLNP	Lavender Locking Cover, 1" NPT (25.4 mm)
• 7645B	Lavender Locking Cover, 1" BST (25.4 mm)

#### Quick Coupler Keys Swivel Elbows (NPT) Specifications

MODEL	DESCRIPTION
• 8810-ELL	3/4" Female NPT x 3/4" Male Hose
• 8811-ELL	1" Female NPT x 3/4" Male Hose
• 8812-ELL	1" Female NPT x 1" Male Hose

#### Quick Coupling Key Specifications

MODEL	DESCRIPTION
• 7640-QCVKEY	Quick Coupling Key, 3/4" male x 1/2" female
• 7641-QCVKEY	Quick Coupling Key, 1" male x 3/4" female
• 8649-QCVKEY	QCV Locking Cover Key

#### Quick Coupling Key Dimensions

MODEL	THREAD SIZE		HEIGHT
	MALE	FEMALE	
7640-QCVKEY	3/4" 25.4 mm	1/2" 19.05 mm	5 1/4" 13.3 cm
7641-QCVKEY	1" 19.05 mm	3/4" 12.7 mm	5 1/4" 13.3 cm

#### QUICK COUPLING VALVE DIMENSIONS

Bottom Pipe Thread: 1" (25.4 mm)

Overall Height: 3 3/4" (9.5 cm)



## ***Technical Specifications***

### **7600 SERIES QUICK COUPLING VALVE**

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QUICK COUPLING VALVE shall be made of rod brass and shall have a permanently attached spring retracted rubber cover. For models 7644 and 7645 the cover shall be molded in the standard purple color of reclaimed water and include a molded-in warning. The warning shall be in Spanish and English and illustrated by the international symbol.

Valves shall use Acme® threads allowing gradual opening and closing. The valve shall be capable of handling 1/2" to 1" bearing impact sprinklers and deliver up to 20 GPM. The valve shall have a replaceable retainer nut and the seal shall be of rubber. Inlet threads shall be one inch (FIP).

Valve shall use rod brass Acme® threaded keys for opening and closing. The connecting threads on the key shall be \_\_\_\_ inch (FIP MIP). A locking top and wrench (Model 8649) shall be available.

Quick Coupling Valve shall be manufactured by Weathermatic, Garland, Texas

**WARRANTY:** Quick Coupling Valve shall have a manufacturer's limited warranty of five (5) years.