

Versatile and affordable.

The most versatile valves available in the market today, with excellent flexibility, high quality construction, and simple reliable

designs. Quick coupling valves and keys use Acme® threads for slow and steady flow control instead of immediate on/off.

Our Quantum Valves are as strong, fast and debris-resistant as brass alternatives, and much more affordable.

QUANTUM VALVES

FEATURES

- High Performance
- Low pressure loss
- Unique snap ring serviceability
- 200 PSI pressure rating
- Common solenoid with valve-in-head (E-models)
- Male pipe threads for strength and high-pressure rating



SPECIFICATIONS

Electric Pressure Regulated Valves

D100E-1" Angle NPT
 D100EB-1" Angle BSP
 D150E-1½" NPT
 D150EB-1½" BSP
 D200E-2" NPT
 D200EB-2" BSP

Factory Pressure Settings:
 Available in 35, 50, 65 and 80 psi

Standard Factory Settings:
 80 psi (5,5 bar)

Solenoid:
 24 VAC 50/60 Hz
 Inrush Amps: 0.30
 Holding Amps: 0.20

Electric Dirty Water Valves

D150E3-1½" NPT
 D200E3-2" NPT

Solenoid:
 24 VAC 50/60 Hz
 Inrush Amps: 0.30
 Holding Amps: 0.20

Hydraulic Pressure-Regulated Valves

D150H-1½" NPT
 D200H-2" NPT

PERFORMANCE DATA

Quantum Series Valve Pressure Loss									
PSI Loss	Flow Rate (GPM)								
	30	40	50	70	90	100	120	150	180
1 ½"	1.5	1.5	1.5	1.5	3.5	4.0	5.0	5.5	8.0
2"	1.5	1.5	1.5	3.5	4.5	5.5	6.0	9.0	—
PSI Loss	Flow Rate (GPM)								
	5	10	20	30	40				
1"	2.0	2.5	3.5	5.0	8.5				

SERIES BRASS SWIVEL ELLS

DHS075X075 - ¾" FPT x ¾" GHT

DHS100X075 - 1" FPT x ¾" GHT

DHS100X100 - 1" FPT x 1" GHT



QUICK COUPLING VALVES & KEYS

Quick coupling valves and keys use Acme® threads for slow and steady flow control instead of immediate on/off. All models feature rubber cover. Optional locking cover available (DQCVKN). Optional lavender rubber cover (DQCVLN) identifies reclaimed water site - molded in "RECLAIMED WATER - DO NOT DRINK" : in English and Spanish.

QUICK COUPLING VALVES

Model

DQCVN - Quick Coupling Valve

DQCVKN - Quick Coupling Valve with locking cover

DQCVLN - Quick Coupling Valve with lavender cap

DQCVKLN - Quick Coupling Valve with non-potable locking cover



DQCVKEY075
(with key inserted)

DQCVKLN

DQCVKN

Quick Coupler Model	Rubber Cover	Locking Cover	Warning Cover	Max Capacity	Bottom Pipe Thread	Overall Height
DQCVN	•			20 gpm (75.7 l/m)	1" (25.4 mm)	3¾" (9.5 cm)
DQCVKN	•	•		20 gpm (75.7 l/m)	1" (25.4 mm)	3¾" (9.5 cm)
DQCVLN	•		•	20 gpm (75.7 l/m)	1" (25.4 mm)	3¾" (9.5 cm)
DQCVKLN	•	•	•	20 gpm (75.7 l/m)	1" (25.4 mm)	3¾" (9.5 cm)

QUICK COUPLING KEYS

Model	For Valve Models	Thread Size		Height
		Male	Female	
DQCVKEY075	DQCVN, DQCVKN, DQCVLN, DQCVKLN	¾" (19.05 mm)	½" (12.7 mm)	5¼" (13.35 cm)
DQCVKEY100	DQCVN, DQCVKN, DQCVLN, DQCVKLN	1" (25.04 mm)	¾" (19.05 mm)	5¼" (13.35 cm)