

Model Specifications

33DNP, 44NP and 5NP
Two-Piece Quick Coupling Valve
(Non-Potable)

The quick coupling valve shall be a two-piece type capable of having a discharge rate of ___ gallons per minute (gpm) with a pressure loss not to exceed ___ pounds per square inch (psi) at that flow.

The valve shall be constructed of heavy cast brass and shall have a purple, thermoplastic, locking rubber cover with molded-in warnings of "DO NOT DRINK" in English and Spanish for use on systems with non-potable water.

The valve shall be opened and closed by a brass key of the same manufacturer having a ___" (MNPT) and ___" (FNPT) outlet. The valve throat shall have a keyway with detent positions for regulating water flow.

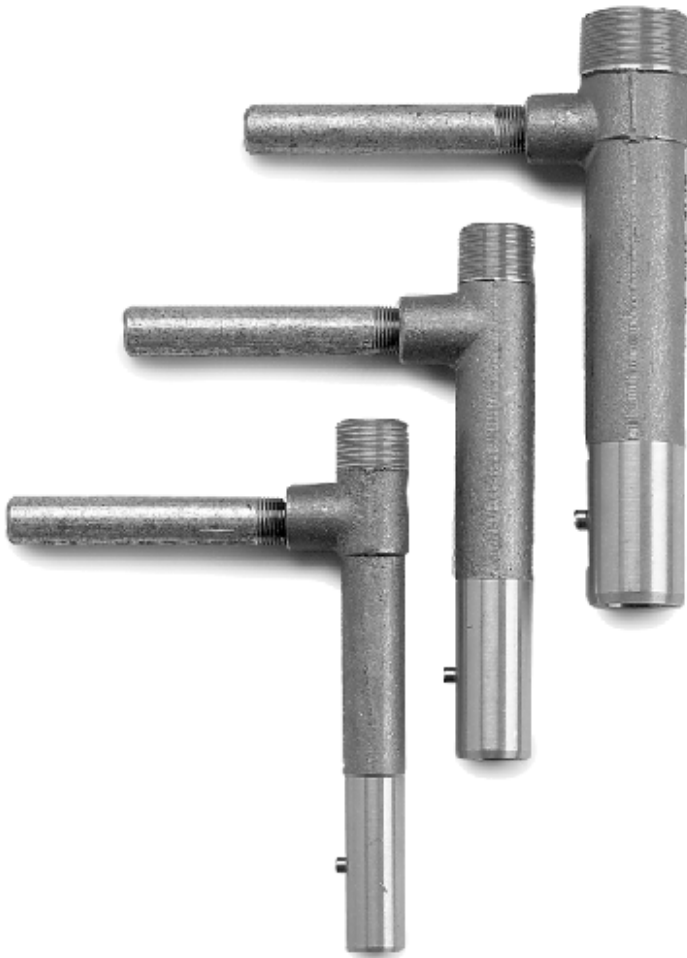
The quick coupling valve shall be manufactured by Rain Bird Sprinkler Mfg Corp.,

Specifications

- Models:**
33DNP: .75" (20/27) Locking Rubber Cover, Two-Piece Body
44NP: 1" (26/34) Locking Rubber Cover, Two-Piece Body
5NP: 1" (26/34) Locking Rubber Cover, One-Piece Body
- Flow:**
 10-70 gpm
 (2,28-15,96 m³/h; 0,63-4,42 l/s)
- Pressure:**
 5-125 psi (0,3-8,5 bars)
- Height:**
 33DNP: 4.375" (11,1 cm)
 44NP: 6" (15,2 cm)
 5NP: 5.50" (14 cm)

Cover Key—Model 2049

- Locks and unlocks the locking cover on standard quick coupling valves.
- Operates the valve marker compression lock.



Standard Non-Potable

QUICK COUPLING VALVES

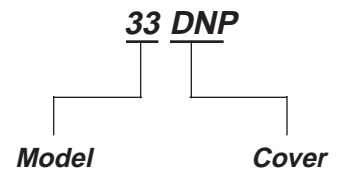
Flow (gpm)	Valve Pressure Loss *(psi)		
	33DNP .75"	44NP 1"	5NP 1"
10	2.0	—	—
15	4.3	2.2	—
20	7.6	4.4	—
30	—	11.5	1.9
40	—	—	3.8
50	—	—	6.4
60	—	—	9.6
70	—	—	14.0
80	—	—	—
90	—	—	—
100	—	—	—

Standard Non-Potable

QUICK COUPLING VALVES (METRIC)

Flow (m ³ /h)	Valve Pressure Loss *(bars)			
	Flow (l/s)	33DNP .75"	44NP 1"	5NP 1"
3	0,83	0,23	—	—
4	1,11	0,41	0,22	—
5	1,39	—	0,37	—
6	1,67	—	0,57	—
7	1,94	—	0,84	0,14
8	2,22	—	—	0,19
9	2,50	—	—	0,25
10	2,78	—	—	0,33
12	3,33	—	—	0,50
14	3,89	—	—	0,72
16	4,44	—	—	0,97
22	6,11	—	—	—
28	7,78	—	—	—

How To Specify



This specifies a 33DNP valve; 3/4" (20/27) quick coupling type; optional purple non-potable locking cover. Note: For non-U.S. applications it is necessary to specify NPT or BSP thread type. (for 55K-1 only)

Standard Valve Keys

Valve	Key	Top Pipe Threads			
		Male	Female	Male	Female
33NP	33DK	.75" 20/27	.50" 15/21	—	—
44NP	44K	1" 26/34	.75" 20/27	—	—
5NP	55K-1*	1" 26/34	—	—	—