CPVC TRUE UNION BALL VALVES

A true union ball valve has a union nut on each end, so the valve body lifts out of the line for service or replacement without cutting pipe. We usually supply Spears® True Union 2000 industrial CPVC ball valves; Hayward is also available. 6" sizes can be supplied. CPVC keeps its strength at higher temperatures than PVC, so it is the choice for warm or hot liquids and many aggressive chemicals.



CPVC true union ball valve

1/2"–4"	235 psi	EPDM / FKM
Standard sizes	@ 73°F, 1/2"–4"	O-ring seals

WHY CUSTOMERS CHOOSE IT

- **Service in place**
  Unscrew the two union nuts and the body comes out; the pipe stays put.
- **Lockout and actuation**
  Built-in handle lockout; ISO top for factory electric or air actuators.
- **Leak-tight seats**
  Self-adjusting PTFE floating seats and a dual O-ring stem.
- **Your end connection**
  Socket, threaded (FNPT) or flanged. Spears SR reinforced threads available.

VALVE TYPES

BALL VALVE
On/off shutoff. 1/2"–4" rated 235 psi; 6" and all flanged 150 psi at 73°F.

3-WAY VALVE
Diverter, L-port and T-port. 1/2"–2" 235 psi; 2-1/2"–4" and flanged 150 psi.

BALL CHECK VALVE
Stops back-flow, no handle. Add a screen to make a foot valve. 235 psi 1/2"–4".

DIMENSIONS (INCHES) · BALL VALVE

Size	Bore (A)	Lay length*	Length socket	Length thread	Height (E)
1/2"	1-7/8	2-3/8	4-3/16	3-3/16	2-13/16
3/4"	2-1/4	2-3/4	4-3/4	4-1/4	3-3/8
1"	2-1/2	2-7/8	5-1/8	4-11/16	3-7/16
1-1/4"	3-1/16	3-1/4	5-3/4	5-3/16	3-7/8
1-1/2"	3-1/2	3-1/2	6-1/4	5-7/16	4-3/16
2"	4-1/4	4-3/4	7-3/4	6-3/4	5-1/8
2-1/2"	5-3/8	6-7/8	10-7/16	9-11/16	6-1/4
3"	6-3/16	7	10-11/16	9-7/8	7-5/8
4"	7-5/8	7-5/16	11-7/8	10-1/4	9-3/16

**Lay length = pipe gap between socket/thread ends. Spears data, ±1/16". Ball check valve flow (Cv): 1" 25, 1-1/2" 86, 2" 130, 3" 275, 4" 500.*

Data: Spears® True Union 2000 valve specification. Spears is a trademark of Spears Manufacturing Co. Pressure ratings are for water at 73°F, non-shock, and drop as temperature rises. Not for compressed air or gas.

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