

1 Select the valve body to best suit to your piping applications and choose from many connection types

Spartan Peripheral Devices 2 way V200 series and 3 way V300 series globe zone control valve bodies are available in a wide range of styles and connection types. These valve bodies are common to the complete line of Spartan zone valve actuators (wireless, electric, electronic, pneumatic and thermostatic) and are easily

interchangeable with a thumb nut.

The commercial application globe valve bodies utilize low zinc anti dezincification bronze.

All valve bodies are globe type rated ANSI 250 (PN 25).



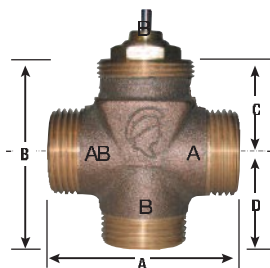
General Specifications for all Valve Bodies

Body Material	Low zinc bronze, alloy C84400
Pressure Rating	ANSI 250 (400 PSI to 150°F (66°C), 250 PSI to 250° F (120°C))
Max. Test Pressure	1200 PSI (81 bar)
Max. Differential P	50 PSI (3.5 bar) can be exceeded but with possible water noise

Valve Stem	"Mirror – maker" burnished stainless steel stems
Rangeability	See Internal Cartridge Specification table, on page 4
Stem Travel	7/64" (2.8mm) 5/32" (4mm)
Stem Position	UP = valve open, DOWN = valve closed

V300 Series 3 way Control Valve Bodies

V320 – 3 Way Diverting Valve Body. Unions on all 3 ports



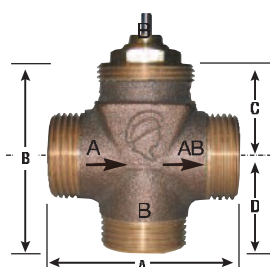
A	B	C	D
2.24 (56.90)	2.24 (56.90)	1.09 (27.69)	1.15 (29.21)

Weight: 1/2" and 3/4" - 8.5oz (240g)

Select to include:

V320-12N for 1/2" threaded unions
 V320-12S for 1/2" solder unions (for 5/8" (16mm) OD copper pipe)
 V320-34N for 3/4" threaded unions
 V320-34S for 3/4" solder unions (for 7/8" (22mm) OD copper pipe)
 Select CV from cartridge type ED
 Stem UP flow AB to A (default position),
 Stem DOWN flow AB to B

V321 – 3 Way Mixing Valve Body. Unions on all 3 ports



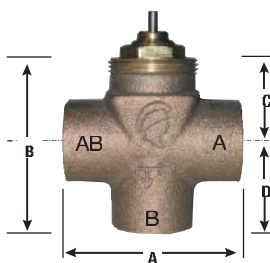
A	B	C	D
2.24 (56.90)	2.24 (56.90)	1.09 (27.69)	1.15 (29.21)

Weight: 1/2" and 3/4" - 8.5oz (240g)

Select to include:

V321-12N for 1/2" threaded unions
 V321-12S for 1/2" solder unions (for 5/8" (16mm) OD copper pipe)
 V321-34N for 3/4" threaded unions
 V321-34S for 3/4" solder unions (for 7/8" (22mm) OD copper pipe)
 Cartridge type EM3.50 (3.5CV)
 Stem UP flow B to AB (default position),
 Stem DOWN flow A to AB

V323 – 3 Way Diverting Valve Body. Female Thread on all 3 Ports



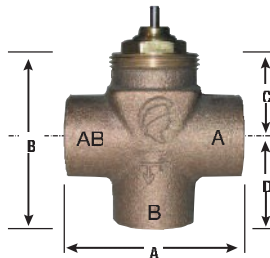
1/2" Valve	A	B	C	D
V323-12	2.50 (63.50)	2.30 (58.42)	1.13 (28.70)	1.20 (30.48)

Weight: 11.3oz (320g)

Select:

V323-12N for 1/2" female thread
 Select CV from cartridge type ED
 Stem UP flow AB to A (default position),
 Stem DOWN flow AB to B

V325 – 3 Way Diverting Valve Body. Direct Solder



1/2" Valve	A	B	C	D
V325-12	2.24 (56.90)	2.21 (56.13)	1.09 (27.69)	1.12 (28.45)
3/4" Valve	A	B	C	D
V325-34	2.24 (56.90)	3.32 (84.30)	1.09 (25.00)	2.23 (56.64)

Weight: 1/2" - 8.1oz (230g), 3/4" - 8.5oz (240g)

Select:

V325-12S for 1/2" solder (for 5/8" (16mm) OD copper pipe)
 V325-34S for 3/4" solder (for 7/8" (22mm) OD copper pipe)
 Select CV from cartridge type ED
 Stem UP flow AB to A (default position),
 Stem DOWN flow AB to B