

V345 Series 3 Way Diverting Union Valve Body with Union Connections on all ports

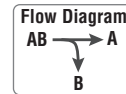
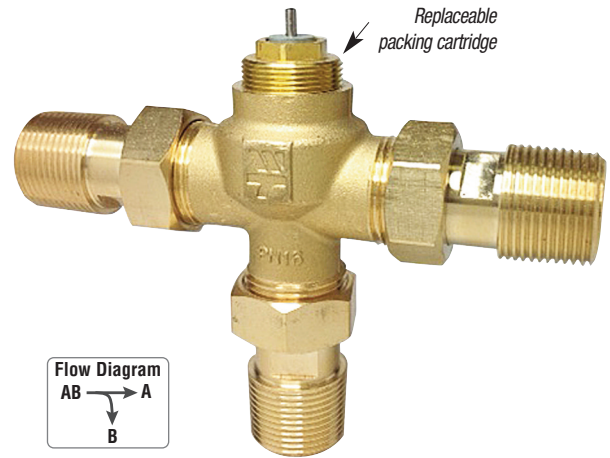
Spartan Peripheral Devices 3 way V345 diverting valve body cavities, will accept Spartan 3/4" or 1", male NPT or solder type unions, on all ports. They are designed for hot or chilled water and 50% glycol with a standard ED cartridge. For specifications see Spartan cartridges data sheet.

They are compatible and interchangeable with the complete line of Spartan control valve actuators (wireless, electric, electronic, pneumatic and thermostatic). For specifications see Spartan actuators data sheet.

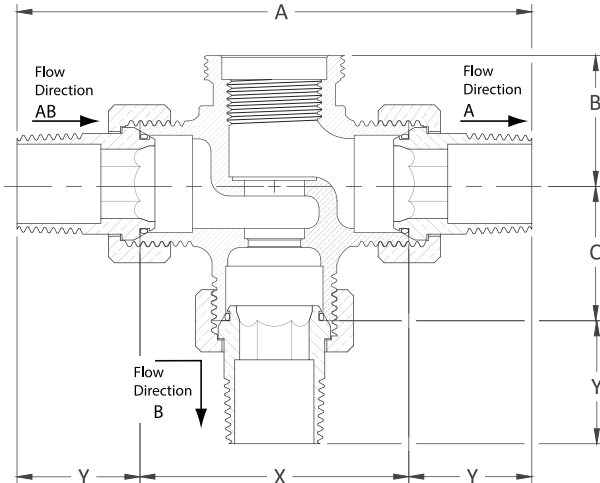
The commercial application globe valve bodies utilize low zinc anti dezincification bronze and are guaranteed for the life of the building.

General Specifications

Body Material	Brass
Pressure Rating	240 PSI (16 bar)
Max. Temperature	110°C (230°F)
Max. ΔPressure	50 PSI (3.5 bar)
Valve Stem	Stainless Steel
Flow Characteristics	Linear
Stem Travel	1/8" (2.5mm)
Stem Position	UP = valve open from port AB to A
CV	5.5 - Top port leakage 0% 4.0 - Bypass bottom port B leakage <0.02% of CV



Dimensions: V345 Valve Body Cavity with unions



Select to include with standard union:
V345-34N for 3/4" threaded union. V345-10N for 1" threaded union.

DIMENSIONS FOR 3/4" ASSEMBLY

Standard V345-34N assembly with 3/4" threaded union					
A	x	y	B	C	UNION TYPE
5-13/16 148	3-1/4 83	1-7/16 36	1-1/2 38	1-1/2 38	AV6534

Weight: 1.95lbs (0,88kgs)

DIMENSIONS FOR 1" ASSEMBLY

Standard V345-10N assembly with 1" threaded union					
A	x	y	B	C	UNION TYPE
7 178	3-1/4 83	2 51	1-1/2 38	1-1/2 38	AV5910

Weight: 2.35lbs (1,06kgs)

Installation and Flow Direction

IMPORTANT:

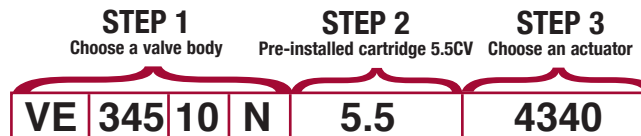
When installing it is essential that the flow enters into the AB common inlet port. When the stem is up the flow will exit through the A port, when the stem is down the flow will exit through the B port.

The packing, plunger and cartridge can be easily replaced.

HOW TO ORDER

1. Choose your valve body.
2. Internal cartridge with a CV value of 5.5 pre-installed
3. Choose an actuator.

For a complete overview, see our Zone Valve Selection Guide.



Actuator Type - see Data Sheets

Pre installed Cartridge of a CV value of 5.5

N = threaded union, S = solder union, □ = no union (order optional union separately)

Union Size - 34 = 3/4", 10 = 1"

Valve Body Type - 3 way union all 3 ports

Valve Assembly Type - Select E for Electric, P for Pneumatic, or T for Thermostatic