



V261 Series Angled Globe Valve Bodies

Spartan's V261 single union angle globe valve bodies are suitable for new projects or retrofitting existing radiators offering extended flexibility in piping installations. These globe angle union valve bodies are designed for hot or chilled water and 50% glycol with a standard EP cartridge, or for high differential pressure applications with a balanced EB cartridge and for low pressure steam applications up to 15PSI with a steam rated EV cartridge.

The commercial valve bodies utilize low zinc bronze alloy for outstanding resilience to corrosion and dezincification and come with a lifetime warranty.

These control valve assemblies can be used with the complete line of Spartan Zone Actuators (Wireless, Electric, Electronic, Pneumatic & Thermostatic) and are easily interchangeable with a thumb-nut.

See Spartan Actuators Data Sheets.



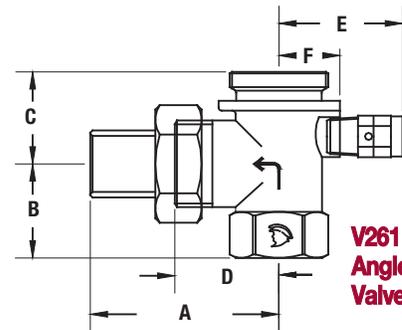
V261 with plug



V261 with air vent (sold separately)

Unique Feature

A unique feature of the V261 valve body is the 1/8" tapered threaded port. As it is at the highest point of the valve body it can be utilised with an optional integrated air relief vent AVMAV18. It can also be used as a pressure point or for other applications. For steam applications, in conjunction with an EV steam cartridge, the port is capped for added safety.



V261 - Angle Union Valve Body

General Specifications

Body Material	Low zinc bronze, alloy C84400
Pressure Rating	ANSI 250 (PN16), 400 PSI at 150°F, 27 bar at 65°C
Max. Test Pressure	1200 PSI (81 bar)
Max. ΔP	50 PSI (3.5 bar).
	Maximum close off pressure with EB cartridge 100PSI (6.8bar)
Valve Stem	"Mirror - maker" burnished stainless steel stems
Turndown Ratio	Better than 50:1
Stem Travel	5/32" (4mm)
Stem Position	UP = valve open, DOWN = valve closed

Valve Size	A	B	C	D	E	F
1/2" Valve						
V261-12	2.25 (58)	1.13 (28)	1.13 (29)	1.25 (32)	1.25 (33)	0.75 (19)
3/4" Valve						
V261-34	2.68 (67)	1.13 (30)	0.75 (19)	1.38 (36)	1.25 (33)	0.75 (19)
1" Valve						
V261-10	3.15 (80)	1.50 (38)	2.37 (60)	1.65 (42)		

HOW TO ORDER

- Choose your valve body.
- Choose an internal cartridge according to your application and CV. See *Spartan cartridges data sheet*.
- Choose an actuator. For a complete overview, see our *Zone Valve Selection Guide*.

STEP 1
Choose a valve body

STEP 2
Choose an internal cartridge

STEP 3
Choose an actuator



Actuator Type - see Data Sheets
Cv Value
Cartridge Type - see Data Sheet
Valve Size
Valve Body Type - select from connection type
Valve Assembly Type - Select E for Electric, P for Pneumatic, or T for Thermostatic

Installation and Flow Direction

When installing it is essential that the flow follows the arrow that is embedded into the valve body casting. The packing, plunger and cartridge can be easily replaced by using the AV08 Packing Wrench shown here.



Pack of 20 Air Vents
Order no AVMAV18-20

