



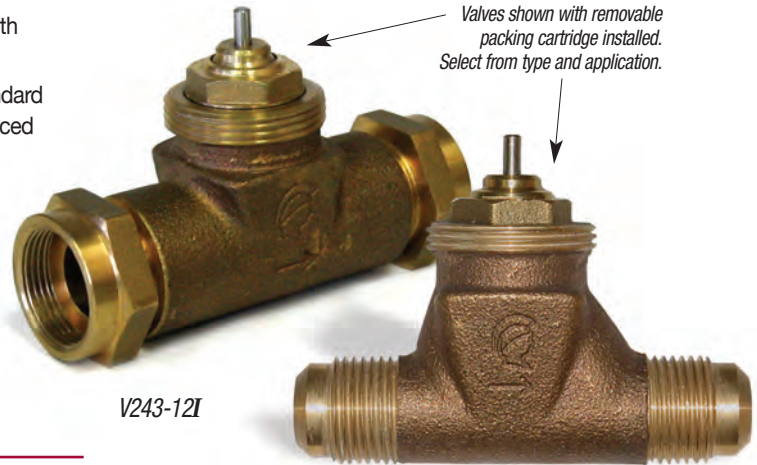
## V246-12F and V243-12I Flared Connection Valves Bodies

Spartan Peripheral Devices 2 way V246-12F series male flared, and V243-12I female flared, globe control valve bodies (union ports on both ends) are available in 1/2" size.

They 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. 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). 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.



V243-12I

V246-12F

### General Specifications

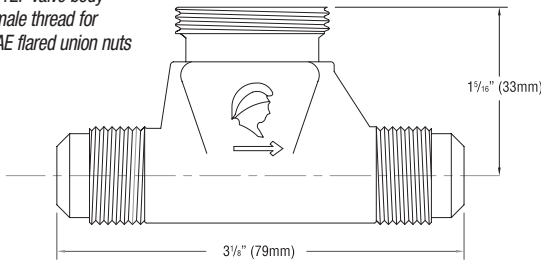
Body Material	Low zinc bronze, alloy C84400
Pressure Rating	ANSI 250 (400 PSI at 32°F to 150°F, 250 PSI at 250°F) PN25
Max. Test Pressure	1200 PSI (81 bar)
Max. ΔPressure	50 PSI (3.5 bar) can be exceeded but with possible water noise
Valve Stem	"Mirror – maker" burnished stainless steel stems
Rangeability	100:1
Stem Travel	5/32" (4mm)
Stem Position	UP = valve open (default position), DOWN = valve closed
Weight: V246 - 7.8oz (220g), V243-12I - 12.7oz (360g)	

### 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.

### V246-12F - Compatible with Honeywell bodies VP527 series

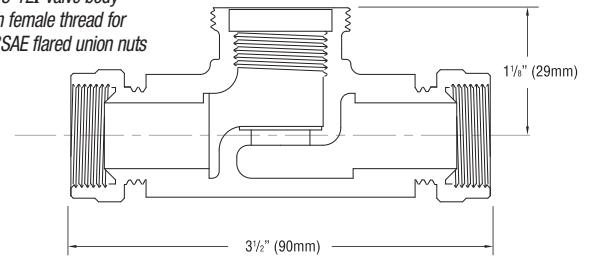
V246-12F valve body with male thread for 45° SAE flared union nuts



Select CV and cartridge type.

### V243-12I - Compatible with Erie valve bodies

V243-12I valve body with female thread for 45° SAE flared union nuts



### HOW TO ORDER A COMPLETE CONTROL VALVE ASSEMBLY

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



Actuator Type - see Data Sheets

Cv Value

Cartridge Type - see Data Sheet

F = Male Flared thread, I = Female Flared Thread

Valve Size - 12 = 1/2"

Valve Body Type - V246-12F = Honeywell compatible, V243-12I = Erie compatible

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