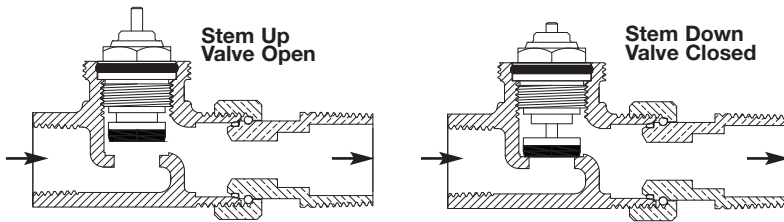


2 way and 3 way Zone Valves Piping Diagrams

2 WAY - V240, V241, V243, V245, V246, V261 VALVE BODIES



V240, V241, V243, V245, V246, V261, V246I

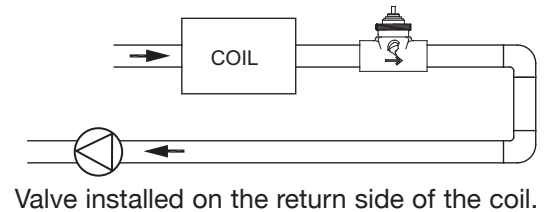
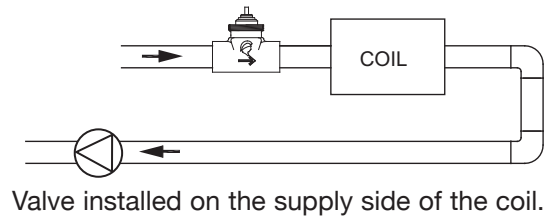
ZONE VALVE BODIES ARE NORMALLY OPEN

STEM UP: VALVE IS OPEN

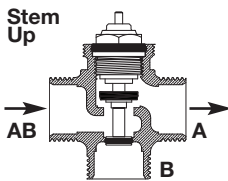
STEM DOWN: VALVE IS CLOSE

When used in conjunction with direct acting actuators they become normally open valve assemblies.

When used in conjunction with reverse acting actuators they become normally closed valve assemblies.



The valve body must be installed in the direction indicated on the valve body cavity



3 WAY - V320, V325, V345 DIVERTING VALVE BODIES

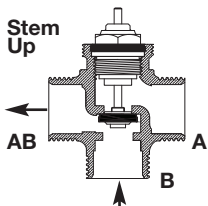
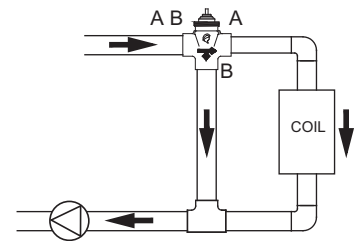
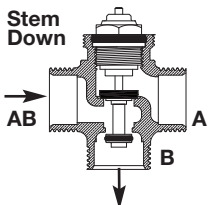
The diverting valve body is installed on the supply side of the coil. The water diverts in the valve and mixes in the "T" the flow enters the common port AB

The side port A must be connected to the supply of the coil

The bottom port B must be connected to the bypass around the coil.

STEM UP: FLOW AB-A

STEM DOWN: FLOW AB-B



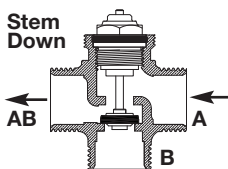
3 WAY - V321 MIXING VALVE BODY

The mixing valve body is installed on the return side of the coil. The water diverts in the "T" and mixes in the valve.

Piping example No1: The flow enters port A from the coil and port B from the bypass and exits from the common port AB

STEM UP: FLOW B-AB

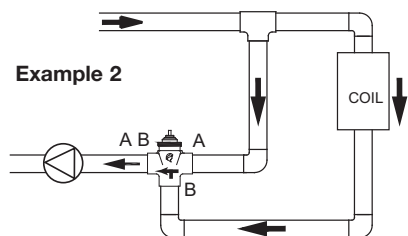
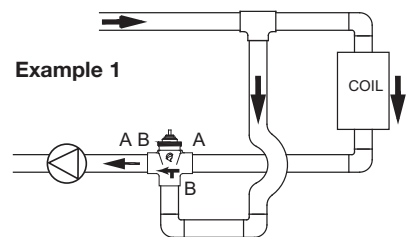
STEM DOWN: FLOW A-AB



Piping example No 2: The flow enters port B from the coil and port A from the bypass and exits from the common port AB

STEM UP: FLOW B-AB

STEM DOWN: FLOW A-AB



SOLDER INSTRUCTIONS V245 AND V325:

If direct solder bodies are used, remove the stem packing cartridge during installation.

Heat will damage the packing. If solder unions are used, solder the unit without the sealing O-ring.