



The Pressure Independent Characterized Control Valves can be piped in a parallel orientation to achieve increased flow rates.

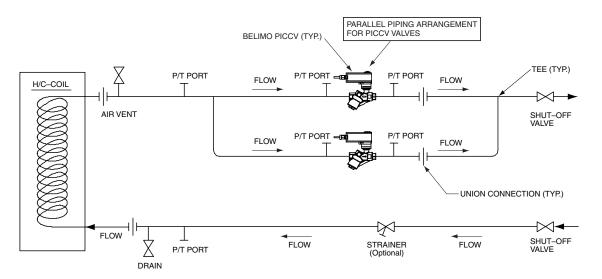
Our PICCV valves are available in flows to 100 GPM. To achieve flows larger than this, it is recommended to connect two of these valves in parallel leading to a common manifold. To correctly operate these valves, the Belimo Multi Function Technology (MFT) will be employed to utilize one common control signal.

For example, the first valve will be outfitted with an MFT actuator that will correspond to a 2-5 or 2.6 VDC signal. The second valve would be outfitted with an MFT actuator that would correspond to a 6-10 VDC signal. Therefore, through a single 2-10 VDC output, the full flow range will be achieved. The actuators will be wired in a parallel arrangement. The established configured P Codes are P-10137 for 2-5 VDC, P-10118 for 2-6 VDC, and P-10119 for 6-10 VDC.

This recommended application provides the control of flows up to 200 GPM by using two valves. The top diagram details valves piped in a parallel arrangement. The bottom diagram features a typical single piping arrangement.

If more than three valves are piped in parallel, please call Belimo to discuss control options.

TYPICAL PARALLEL PIPING IN RELATION TO THE INPUT AND OUTPUT (SCALE: NONE)



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