



Specifications

PIC-V®: Forged brass (ASTM B283) pressure independent control valve. Assembly includes integrated isolation ball valve, actuated ball valve and pressure independent flow regulating cartridge. Cartridge can be removed for inspection, or can be replaced without disturbing piping connections. Valve housing includes field repairable dual Teflon and EPDM o-ring seal stems, with nickel plated balls. Body has one port with combination Pressure/Temperature Test Valve and manual air vent (CPTA) and one port with a Pressure/Temperature Test Valve. Valve is fully assembled. PSI/Temperature Rating: 400 PSI / 250°F.

Note: Actuator is sold separately, either through Griswold Controls or others.

Isolator S: Ball valve and integrated strainer. Valve housing is forged brass with field repairable dual Teflon and EPDM o-ring seal stem, with Nickel plated ball. Strainer is 20 mesh stainless steel and can be removed from housing without disturbing pipe connections for inspection or replacement. Valve includes one fixed (FNPT or SWT) connection and one union (FNPT or SWT) connection. Union end includes union nut and EPDM o-ring. Body has one port with combination Pressure/Temperature Test Valves and manual air vent (CPTA). Assembly includes drain valve with 3/4" hose connection with cap. Valve is fully assembled. PSI/Temperature Rating: 400 PSI / 250°F.

Drain Valve: Rated 275 PSI / 250°F. Brass housing, Nickel plated ball. 3/4" NPSH hose connection.

Combination Pressure/Test Valve & Manual Air Vent (CPTA): Pressure/Temperature Test Valve works in conjunction with valve body feature to function as Manual Air Vent. Requires both components to operate as manual air vent.

CPP-2PIC-V PACKAGES

Model Number Selection:

Size	CPP Model Number FNPT	PIC-V Model Number FNPT	CPP Model Number SWT	PIC-V Model Number SWT
1/2"	10PCPP2A3S0BEE1	PICV0PEE__	10PCPP2A3S0BLL1	PICV0PLL__
3/4"	10PCPP2A3S0BFF1	PICV0PFF__	10PCPP2A3S0BMM1	PICV0PMM__
3/4" Large (IS)	10PCPP2A3S1BFF1	PICV0PFF__	10PCPP2A3S1BMM1	PICV0PMM__
1"	10PCPP2A3S1BGG1	PICV0PGG__	10PCPP2A3S1BNN1	PICV0PNN__
1" Large (PIC)		PICV1PGG__		PICV1PNN__
1-1/4"	10PCPP2A3S2BPP1	PICV1PPP__	10PCPP2A3S2BKK1	PICV1PKK__
1-1/2"	10PCPP2A3S2BQQ1	PICV1PQQ__	10PCPP2A3S2BWW1	PICV1PWW__
1-1/2" Large (PIC)		PICV2PQQ__		PICV2PWW__
2"	10PCPP2A3S3BRR1	PICV2PRR__	10PCPP2A3S3BYY1	PICV2PYY__

NOTES:

1. All inlet and outlet connections (including coil) are FNPT or SWT throughout package (no mixing of end connection types).
2. Optional Extension Kit- includes cap and tube for insulation around handle, and appropriate number of extensions for PT/CPTA included in package. Add a "1" to the end of the model number to designate 1-1/2" insulation option and a "2" to the end of the model number to designate 2" insulation option.

PIC-V Flow Rates (+/- 5%)

SIZE	MODEL NO.	PSID RANGE	HEAD LOSS IN FEET ¹	CLOSE-OFF PSID	GPM
1/2", 3/4", 1"	PICV0	3-35	6.9	100	1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0
3/4", 1"		6-35	13.8		8.0, 9.0, 10.0, 11.0, 15.0
1"L, 1-1/4", 1-1/2"	PICV1	4-50	9.2		10, 15, 20
		5-50	11.5		25,30
1-1/4", 1-1/2"	PICV2	6.5-50	14.9		35
1-1/2"L, 2", 2-1/2", 3"		4-58	9.2		25, 30, 35
		6-58	13.8		40, 45, 50
		7-58	16.1		55, 60, 65, 70, 75, 80, 85
		11-58	25.3		95

NOTES

¹ Head loss in feet is required for pump head calculations. (1 PSI = 2.307 feet of water).

