



## Specifications

**Automizer®:** Forged brass (ASTM B283) automatic flow control valve. Assembly includes integrated isolation ball valve, actuated ball valve and stainless steel flow limiting 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-2A PACKAGES**

**Model Number Selection (2A.):**

Size	Housing Style	CPP Model Number	Automizer Model Number
1/2"	Space Saver – Union – FNPT	PCPP2A3S0BEE1	AR0 P EE
1/2"	Space Saver – Fixed – FNPT		AR0 P EX
1/2"	Space Saver – Union – SWT	PCPP2A3S0BLL1	AR0 P LL
1/2"	Space Saver – Fixed – SWT		AR0 P LX
3/4"	Space Saver – Union – FNPT	PCPP2A3S0BFF1	AR0 P FF
3/4"	Space Saver – Fixed – FNPT		AR0 P FX
3/4"	Space Saver – Union – SWT	PCPP2A3S0BMM1	AR0 P MM
3/4"	Space Saver – Fixed – SWT		AR0 P MX
1/2" Large	Standard – FNPT	PCPP2A3S1BEE1	AR1 P EE
1/2" Large	Standard – SWT	PCPP2A3S1BLL1	AR1 P LL
3/4" Large	Standard – FNPT	PCPP2A3S1BFF1	AR1 P FF
3/4" Large	Standard – SWT	PCPP2A3S1BMM1	AR1 P MM
1"	Standard – FNPT	PCPP2A3S1BGG1	AR1 P GG
1"	Standard – SWT	PCPP2A3S1BNN1	AR1 P NN
1" Large	Standard – FNPT	PCPP2A3S2BGG1	AR2 P GG
1" Large	Standard – SWT	PCPP2A3S2BNN1	AR2 P NN
1-1/4"	Standard – FNPT	PCPP2A3S2BPP1	AR2 P PP
1-1/4"	Standard – SWT	PCPP2A3S2BKK1	AR2 P KK
1-1/2"	Standard – FNPT	PCPP2A3S2BQQ1	AR2 P QQ
1-1/2"	Standard – SWT	PCPP2A3S2BWW1	AR2 P WW
1-1/2" Large	Large – FNPT	PCPP2A3S2BQQ1	AR3 P QQ
1-1/2" Large	Large – SWT	PCPP2A3S2BWW1	AR3 P WW
2"	Large – FNPT	PCPP2A3S3BRR1	AR3 P RR
2"	Large – SWT	PCPP2A3S3BYY1	AR3 P YY

**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.

**Automizer Flow Rates (+/- 5%)**

SIZE	NOM. PSID	GPM
1/2" & 3/4"	2-32	0.25, 0.33, 0.50, 1.00, 1.50, 2.00, 2.50, 3.00
1/2"L 3/4"L 1"	1-14	.33, .50, .67, 1.00, 1.33, 1.67, 2.00, 2.33, 2.67, 3.33, 4.00, 4.67, 5.00
	2-32	.55, .75, 1.00, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 5.00, 6.00, 7.00, 8.00
	4-57	.75, 1.00, 1.33, 2.00, 2.67, 3.33, 4.00, 4.67, 5.33, 6.67, 8.00, 9.33, 10.00
	8-128	1.10, 1.50, 2.00, 3.00, 4.00, 5.00, 6.00, 7.00, 8.00, 10.00, 12.00, 14.00, 16.00
1"L, 1-1/4", 1-1/2"	1-14	3.0, 3.33, 4.0, 4.67, 5.33, 6.0, 6.67, 7.33, 8.0, 8.67, 9.33, 10.0, 10.67, 11.33, 12.0, 12.67, 13.33, 14.0, 14.67
	2-32	4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0
	4-57	6.0, 6.67, 8.0, 9.33, 10.67, 12.0, 13.33, 14.67, 16.0, 17.33, 18.67, 20.0, 21.33, 22.67, 24.0, 25.33, 26.67, 28.0, 29.33
	8-128	9.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0, 40.0, 42.0, 44.0
1-1/2"L, 2"	1-14	12.00, 14.00, 16.00, 18.00, 20.00, 22.00, 24.00, 26.00, 28.00, 30.00, 32.00, 34.00, 36.00, 38.00
	2-32	18.00, 21.00, 24.00, 27.00, 30.00, 33.00, 36.00, 39.00, 42.00, 45.00, 48.00, 51.00, 54.00, 57.00
	4-57	24.00, 28.00, 32.00, 36.00, 40.00, 44.00, 48.00, 52.00, 56.00, 60.00, 64.00, 68.00, 72.00, 76.00
	8-128	36.00, 42.00, 48.00, 54.00, 60.00, 66.00, 72.00, 78.00, 84.00, 90.00, 96.00, 102.00, 108.00, 114.00

