

 <p>Automizer®: Actuated Ball Valve, Flow Limiting Cartridge, Ball Valve and CPTA (1/2"L-1-1/2" valve housing shown in drawing, other housing sizes use alternate style housing. See F-5391 for details.)</p> <p>Isolator S: Combination Y-Strainer and Ball Valve with CPTA & Drain Valve</p>	<p>END CONNECTIONS: <input type="checkbox"/> FNPT <input type="checkbox"/> SWT</p> <p>LINE SIZE: <input type="checkbox"/> 1/2" <input type="checkbox"/> 3/4" <input type="checkbox"/> 1/2"L <input type="checkbox"/> 3/4"L <input type="checkbox"/> 1" <input type="checkbox"/> 1" L <input type="checkbox"/> 1-1/4" <input type="checkbox"/> 1-1/2" <input type="checkbox"/> 1-1/2"L <input type="checkbox"/> 2"</p> <p>COMPONENT OPTIONS: <input type="checkbox"/> Insulation Kit</p> <p>HOSE OPTIONS Type: <input type="checkbox"/> F.R. SS Hose <input type="checkbox"/> Insulated</p> <p>Length <input type="checkbox"/> 12" <input type="checkbox"/> 18" <input type="checkbox"/> 24" <input type="checkbox"/> 36"</p>
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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:

Size	Housing Style	CPP Model Number	Automizer Model Number
1/2"	Space Saver – Union – FNPT	10PCPP2A3S0BEE1	AR0_P_EE
1/2"	Space Saver – Fixed – FNPT		AR0_P_EX
1/2"	Space Saver – Union – SWT	10PCPP2A3S0BLL1	AR0_P_LL
1/2"	Space Saver – Fixed – SWT		AR0_P_LX
3/4"	Space Saver – Union – FNPT	10PCPP2A3S0BFF1	AR0_P_FF
3/4"	Space Saver – Fixed – FNPT		AR0_P_FX
3/4"	Space Saver – Union – SWT	10PCPP2A3S0BMM1	AR0_P_MM
3/4"	Space Saver – Fixed – SWT		AR0_P_MX
1/2" Large	Standard – FNPT	10PCPP2A3S1BEE1	AR1_P_EE
1/2" Large	Standard – SWT	10PCPP2A3S1BLL1	AR1_P_LL
3/4" Large	Standard – FNPT	10PCPP2A3S1BFF1	AR1_P_FF
3/4" Large	Standard – SWT	10PCPP2A3S1BMM1	AR1_P_MM
1"	Standard – FNPT	10PCPP2A3S1BGG1	AR1_P_GG
1"	Standard – SWT	10PCPP2A3S1BNN1	AR1_P_NN
1" Large	Standard – FNPT	10PCPP2A3S2BGG1	AR2_P_GG
1" Large	Standard – SWT	10PCPP2A3S2BNN1	AR2_P_NN
1-1/4"	Standard – FNPT	10PCPP2A3S2BPP1	AR2_P_PP
1-1/4"	Standard – SWT	10PCPP2A3S2BKK1	AR2_P_KK
1-1/2"	Standard – FNPT	10PCPP2A3S2BQQ1	AR2_P_QQ
1-1/2"	Standard – SWT	10PCPP2A3S2BWW1	AR2_P_WW
1-1/2" Large	Large – FNPT	10PCPP2A3S2BQQ1	AR3_P_QQ
1-1/2" Large	Large – SWT	10PCPP2A3S2BWW1	AR3_P_WW
2"	Large – FNPT	10PCPP2A3S3BRR1	AR3_P_RR
2"	Large – SWT	10PCPP2A3S3BYY1	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" 3/4" 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