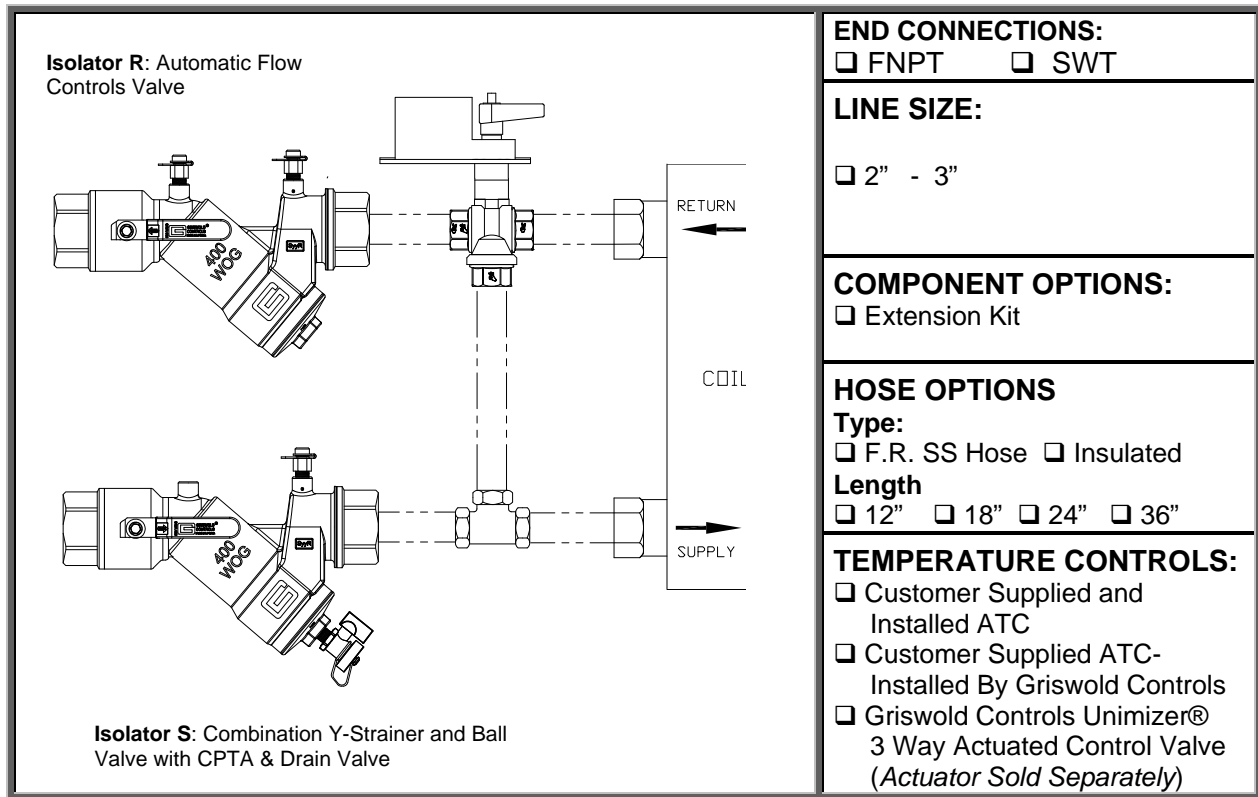


ALL CONNECTIONS ARE LINE SIZE



Specifications

Isolator R: Cast brass automatic flow control valve assembly includes integrated isolation ball valve and stainless steel flow control 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 stem, with Nickel plated ball. Valve includes two fixed end (FNPT) connections. Valve body has two ports with (1) Pressure/Temperature Test Valves, and (1) combination Pressure/Temperature Test Valves & Manual Air Vent (CPTA). Valve is fully assembled. PSI/Temperature Rating: 275 PSI / 250°F.

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 one 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: 275 PSI / 250°F.

Brass Tee: Cast brass body with Fx FxF threaded connections.

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

Pressure/Temperature Test Valve: Rated 1000 PSI / 350°F. Brass Housing, Nordel Seal.

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.

For CPP-3IRISU only (2"L and 2-1/2" only):

Unimizer® Actuated Ball Valve: Forged brass (ASTM B283) housing. Valve includes three fixed FNPT fixed ends. Housing assembly includes reinforced Teflon, and EPDM o-ring seals, nickel plated ball, and blow out proof brass stem. Assembly also includes Universal Mounting Plate, shaft, and mounting hardware. PSI/Temperature Rating: 360 PSI / -22°F to 250°F. **Note:** Actuator is sold separately, either through Griswold Controls or others.

CPP-3IRIS PACKAGES

Model Number Selection:

Size	Model Number- FNPT
2" L	D.CPP3IRIR4L
2-1/2"	D.CPP3IRIR4M
3"	D.CPP3IRIR4N

Model Number Selection for CPP-3IRISU:

Size	Model Number- FNPT
2" L	1D.CPP3IRIR4L
2-1/2"	1D.CPP3IRIR4M

Unimizer® Size	Unimizer® Model#	Cv's Available
2"	UR3F__	23.9, 38.2, 56.7, 82.6, 108.5
2-1/2"	UR3G__	38.1, 74.1, 99.5

NOTES:

1. Connections to ATC are line size.
2. All inlet and outlet connections (including coil) are FNPT.
3. 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.

Isolator R Flow Rates (+/- 5%)

SIZE	NOM. PSID	GPM
2"L 2-1/2" 3"	1-14	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, 40.00, 42.00, 44.00, 46.00, 48.00, 50.00, 52.00, 54.00, 56.00, 58.00, 60.00, 90.00, 110.00, 130.00
	2-32	17.50, 20.00, 22.50, 25.00, 27.50, 30.00, 32.50, 35.00, 37.50, 40.00, 42.50, 45.00, 47.50, 50.00, 52.50, 55.00, 57.50, 60.00, 62.50, 65.00, 67.50, 70.00, 72.50, 75.00, 110.00, 135.00, 160.00
	4-57	23.33, 26.67, 30.00, 33.33, 36.67, 43.33, 46.67, 50.00, 53.33, 56.67, 60.00, 63.33, 66.67, 70.00, 73.33, 76.67, 80.00, 83.33, 86.67, 90.00, 93.33, 96.67, 100.00
	8-128	35.00, 40.00, 45.00, 50.00, 55.00, 60.00, 65.00, 70.00, 75.00, 80.00, 85.00, 90.00, 95.00, 100.00, 105.00, 110.00, 115.00, 120.00, 125.00, 130.00, 135.00, 140.00, 145.00, 150.00