



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 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 plated ball. Strainer is 20 mesh stainless steel and can be removed from housing without disturbing pipe connections for inspection or replacement. Valve includes two fixed (FNPT) connections. 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: 275 PSI / 250°F.

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-2IRISU only:

Unimizer® Actuated Ball Valve: Forged brass (ASTM B283) housing. Valve includes two 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-2IRIS AND CPP-2IRISU PACKAGES

Model Number Selection for CPP-2IRIS:

Size	Model Number- FNPT
2" L	D.CPP2IRIR4L
2-1/2"	D.CPP2IRIR4M
3"	D.CPP2IRIR4N

Model Number Selection for CPP-2IRISU:

Size	Model Number- FNPT
2" L	1D.CPP2IRIR4L
2-1/2"	1D.CPP2IRIR4M
3"	1D.CPP2IRIR4N

Unimizer® Size	Unimizer® Model#	Cv's Available
2"	UR2F__	41.7, 57.0, 71.1, 108.0, 210.0, 266.0
2-1/2"	UR2G__	45.0, 55.0, 72.0, 162.0, 202.0
3"	UR2H__	49.0, 63.0, 82.0, 124.0, 145.0

NOTES:

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