



**Isolator B:**  
Union Ball Valve with CPTA

**Isolator U:** Union with CPTA  
(Optional CPTA and Coin-Op  
Airvent or CPTA and Drain Valve)

**Control Valve (CV):**  
Supplied By Others

**Isolator S:** Combination Y-  
Strainer and Ball Valve with  
CPTA & Drain Valve

<b>END CONNECTIONS:</b> <input type="checkbox"/> FNPT <input type="checkbox"/> SWT
<b>LINE &amp; COIL SIZE:</b> <input type="checkbox"/> 1/2" - 3/4" <input type="checkbox"/> 3/4"L - 1" <input type="checkbox"/> 1"L - 1-1/2" <input type="checkbox"/> 1-1/2"L - 2"
<b>BALL &amp; STEM:</b> <input type="checkbox"/> Nickel-plated brass ball & brass stem <input type="checkbox"/> Stainless Steel ball & stem
<b>COMPONENT OPTIONS:</b> <input type="checkbox"/> Extension Kit
<b>HOSE OPTIONS (FNPT COIL)</b> <b>Swivel Type:</b> <input type="checkbox"/> MNPT <input type="checkbox"/> SWT <b>Length:</b> <input type="checkbox"/> 12" <input type="checkbox"/> 18" <input type="checkbox"/> 24" <input type="checkbox"/> 36"
<b>CONTROL VALVE (CV):</b> <input type="checkbox"/> Customer Supplied and Installed CV <input type="checkbox"/> Customer Supplied CV - Installed By Griswold Controls

## SPECIFICATIONS

**Isolator S:** Ball valve and integrated strainer. Valve housing is forged brass with field repairable dual Teflon and EPDM o-ring seal stem. 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 & Manual Air Vent (**CPTA**). Assembly includes drain valve with 3/4" hose connection with cap. Valve is fully assembled. PSI/Temperature Rating: 1/2" to 1-1/2" 600 WOG 400 PSI / 250°F.

**Isolator B:** Forged brass (ASTM B283) union ball valve. Valve housing includes Teflon seals and Nickel plated full port ball. Valve includes one fixed end (FNPT or SWT) connection and one union (FNPT or SWT) connection. Union end includes union nut and EPDM o-ring. Includes combination Pressure/Temperature Test Valve and Manual Air Vent (CPTA). Valves are fully assembled. PSI/Temperature Rating: 400 PSI / 250°F.

**Union:** Forged brass (ASTM B283) union. Union includes one fixed end (FNPT or SWT) connection and one union (MNPT) connection. Union end includes union nut and EPDM o-ring. Union body has one port with combination Pressure/Temperature Test Valves and manual air vent (**CPTA**). PSI/Temperature Rating: 400 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.

## MODEL NUMBER SELECTION

Size	Model Number- FNPT	Model Number- SWT	Add ATC Size to Model Number
1/2"	K.CPP2BIS0E_	K.CPP2BIS0L_	1/2"=H
3/4"	K.CPP2BIS0F_	K.CPP2BIS0M_	1/2"=H, 3/4"=I
3/4" L	K.CPP2BIS1F_	K.CPP2BIS1M_	1/2"=H, 3/4"=I
1"	K.CPP2BIS1G_	K.CPP2BIS1N_	1/2"=H, 3/4"=I, 1"=J
1" L	K.CPP2BIS2G_	K.CPP2BIS2N_	1/2"=H, 3/4"=I, 1"=J
1-1/4"	K.CPP2BIS2P_	K.CPP2BIS2K_	1/2"=H, 3/4"=I, 1"=J, 1-1/4"=S
1-1/2"	K.CPP2BIS2Q_	K.CPP2BIS2W_	1/2"=H, 3/4"=I, 1"=J, 1-1/4"=S, 1-1/2"=T
1-1/2"L	K.CPP2BIS3Q_	K.CPP2BIS3W_	1-1/4"=S, 1-1/2"=T
2"	K.CPP2BIS3R_	K.CPP2BIS3Y_	1-1/4"=S, 1-1/2"=T, 2"=U

**NOTES:**

- 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" extension option and a "2" to the end of the model number to designate 2" extension option.<sup>1</sup>
- Standard CPPs include nickel-plated brass ball and brass stem. For optional stainless steel ball and stem change "CPP" to "CPS" in model number.

**NOTES**

<sup>1</sup> Extension Option includes handle cover and accessory extensions for either 1-1/2" or 2" Insulation.