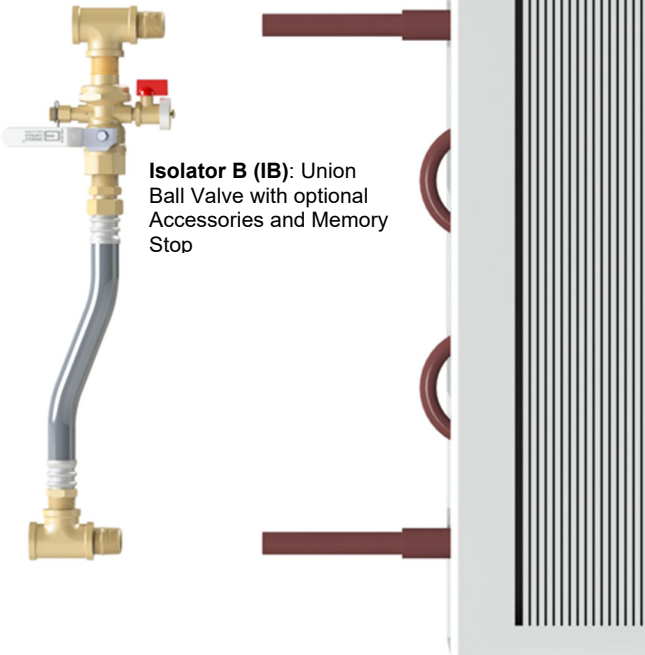


| | | | |
|---|---|--|---|
|  <p>Isolator B (IB): Union Ball Valve with optional Accessories and Memory Stop</p> | LINE SIZE: <input type="checkbox"/> 1/2" <input type="checkbox"/> 3/4" <input type="checkbox"/> 1" <input type="checkbox"/> 1-1/4" <input type="checkbox"/> 1-1/2" <input type="checkbox"/> 2" | LINE TYPE: <input type="checkbox"/> FNPT | COIL TYPE: <input type="checkbox"/> FNPT <input type="checkbox"/> MNPT |
| | BALL & STEM: <input type="checkbox"/> Nickel-plated brass ball & brass stem <input type="checkbox"/> Stainless Steel ball & stem | | |
| | COMPONENT OPTIONS: <input type="checkbox"/> 1-1/2" Ext Kit ¹ <input type="checkbox"/> 2" Ext Kit ¹ <input type="checkbox"/> IB: Memory Stop <input type="checkbox"/> IB: CPTA <input type="checkbox"/> IB CPTA&DV <input type="checkbox"/> IB: CPTA & Coin Operated Airvent <input type="checkbox"/> IB: CPTA&Plugged Port | | |
| | HOSE (OPTIONAL ON BYPASS): Length: <input type="checkbox"/> 12" <input type="checkbox"/> 18" <input type="checkbox"/> 24" <input type="checkbox"/> 36" | | |

SPECIFICATIONS

Isolator B: Forged brass union ball valve. Valve housing includes field repairable dual Teflon and EPDM o-ring seal stem. Valve includes one fixed end (FNPT) connection and one union (MNPT) connection. Union end includes union nut and EPDM o-ring. Valve body has two ports. PSI/Temp Rating: 600WOG-400PSI/250°F.

Drain Valve: Brass housing, Nickel plated ball. 1/2"-1":1/2"UNFx3/4"NPSH. Rated 300PSI/250°F

Combination Pressure/Test Valve & Manual Air Vent (CPTA): Brass Housing, EPDM Seal. Rated 1000PSI/350°F 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.

Coin Operated Airvent: Brass Housing, Airvent, 1/2" UNF-2A, Rated 1000PSI/350°F.

Brass Tee: Cast bronze body with FNPT threaded connections.

Optional Hose: EPDM polymer wrapped with 304 stainless steel braid and double crimped stainless steel ferrules. 1/2" -1" includes cone gasket-les seal. 1-1/4"- 2": Flat Seat with EPDM Gasket Dry Seal. Rated 260°F: 260 PSI; 77°F: 1/2" 500 PSI, 3/4": 450 PSI, 1": 400 PSI, 1-1/4"-2": 300 PSI.

NOTES

¹ Extension Option includes handle cover and accessory extensions for either 1-1/2" or 2" insulation.

MODEL NUMBER SELECTION

| | <u>B</u> | <u>Y</u> | <u>P</u> | | | | | | | |
|--|----------|----------|----------|--|--|--|--|--|--|--|
| Select a Line Size (E=1/2"F, F=3/4"F, G=1"F, P=1-1/4"F, Q=1-1/2"F, R=2"F) | | | | | | | | | | |
| Select Coil Connection (F=FNPT, M=MNPT (Nipple)) | | | | | | | | | | |
| Select IB Accessory Package (0=Plugged Port, B=CPTA C=CPTA&Drain Valve, E=Coin Operated Airvent&CPTA, K=CPTA&Plugged Port) | | | | | | | | | | |
| Select IB Ball & Stem Package (P=Plated Ball, S=SS Ball&Stem) | | | | | | | | | | |
| IB Extension Option ² (0=No, 1=1-1/2", 2=2") | | | | | | | | | | |
| Select IB Memory Stop Option (0=None, M=Memory Stop) | | | | | | | | | | |
| Select OPTIONAL Hose Length (0=None, 12=12", 18=18", 24=24", 36=36") | | | | | | | | | | |

Cv³ OF COMPONENTS

| SIZE | IB Cv | 12" HOSE Cv | 18" HOSE Cv | 24" HOSE Cv | 36" HOSE Cv |
|--------|-------|-------------|-------------|-------------|-------------|
| 1/2" | 11 | 2.9 | 2.8 | 2.8 | 2.7 |
| 3/4" | 32 | 8.8 | 8.7 | 8.6 | 8.3 |
| 1" | 51 | 18.1 | 17.8 | 17.6 | 17.0 |
| 1-1/4" | 99 | N/A | 32.3 | 30.9 | 28.5 |
| 1-1/2" | 165 | N/A | 45.9 | 45.0 | 43.4 |
| 2" | 260 | N/A | N/A | 67.0 | 65.2 |

NOTES

² Extension Option includes handle cover and accessory extensions for either 1-1/2" or 2" insulation.

³ Cv's are used to calculate the pressure drop. $PSID = (Flow/Cv)^2$.