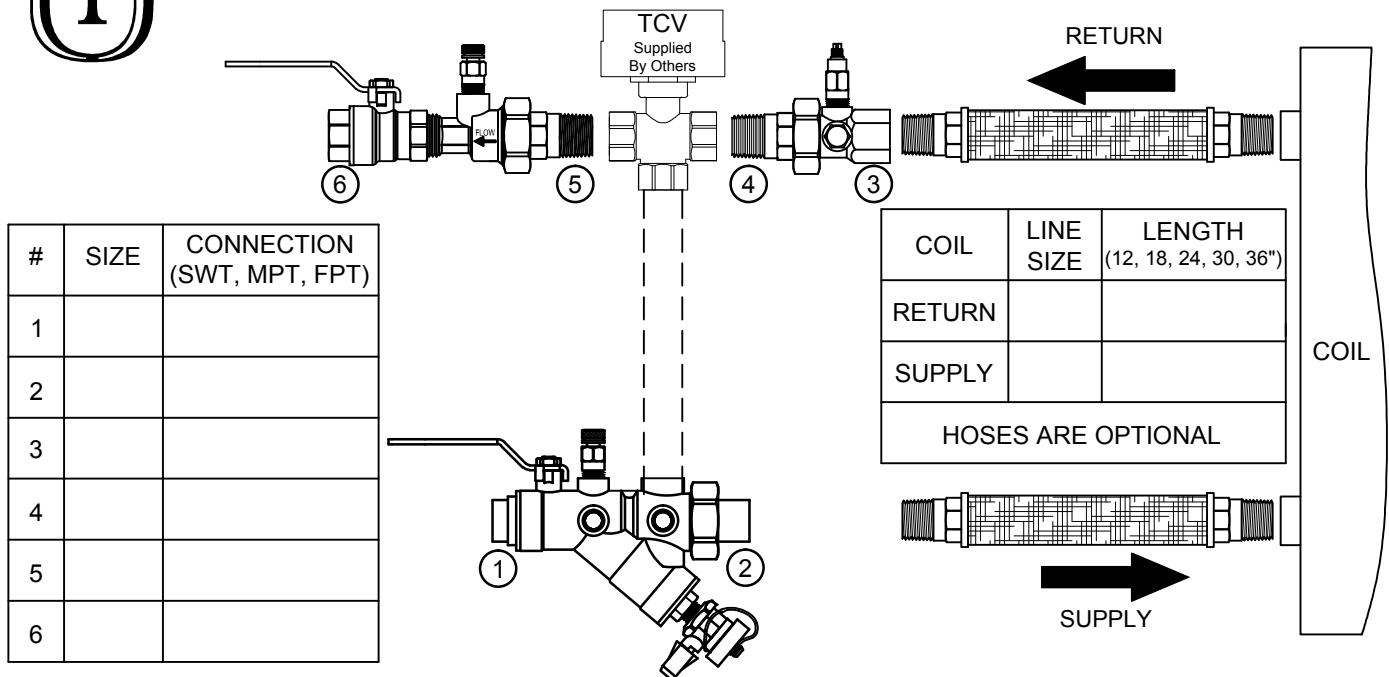
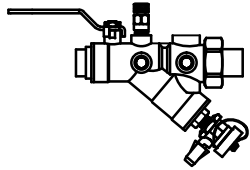
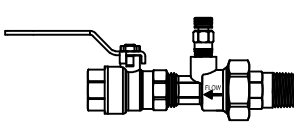
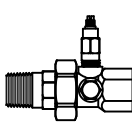





## Manual Balancing 3-Way Kit - V3I Submittal



**PRODUCT DESCRIPTION:** The USIS V3I Manual Balancing 3-way Valve Kit is a packaged and partially preassembled grouping of components required to complete installation of a terminal unit. Temperature control valves, piping, and coils are supplied "by others". Mounting and testing of the customer provided TCV is available at an extra expense. No bypass device is included with the V3I kit but may be supplied at an additional charge.

| COMPONENT DESCRIPTIONS   |  |   |   |
|--|--|---|---|
| SUPPLY   | RETURN   | RETURN  | SUPPLY/RETURN - OPTIONAL  |
|   |   |   |    |
| <p>Model IVY: The IVY combines an integral full-port ball valve, wye strainer and union. The IVY has five 1/4" taps for accessory installation, and a by-pass tap at the forward 12:00 position. The strainer cap has a 1/4" tap for a hose-end drain with a 20-mesh stainless steel screen.</p> | <p>Model CBV: The CBV is a calibrated balancing valve for highly accurate flow measurement that combines a ball valve/venturi by union end. The CBV comes standard with dual pressure/ temperature ports, and a handle memory stop. The CBV may also be used in by-pass.</p> | <p>Model AU: The AU is a brass accessory union, rated at 600 WOG, that provides for component isolation. The AU contains two predrilled 1/4" ports positioned 90° apart for accessory installation. The AU comes standard with 1/4" plugs unless otherwise specified.</p> | <p>HSS: Engineered CPE tube 1/2" through 1" sizes. EPDM 1 1/4" through 2" sizes. Solid brass hex tapered NPT male and integral swivel NPT male termination with stainless steel ferrules 1/2" - 1" sizes. Plated steel NPT male 1 1/4" - 2" sizes with plated steel ferrules.</p> |

| KIT #       | QUANTITY | GPM           | TCV SIZE | TAGGING INFORMATION |
|-------------|----------|---------------|----------|---------------------|
|             |          |               |          |                     |
|             |          |               |          |                     |
| JOB NAME:   |          | CUSTOMER:     |          |                     |
| ENGINEER:   |          | REF/PO#:      |          | DATE:               |
| CONTRACTOR: |          | SUBMITTED BY: |          | DATE:               |