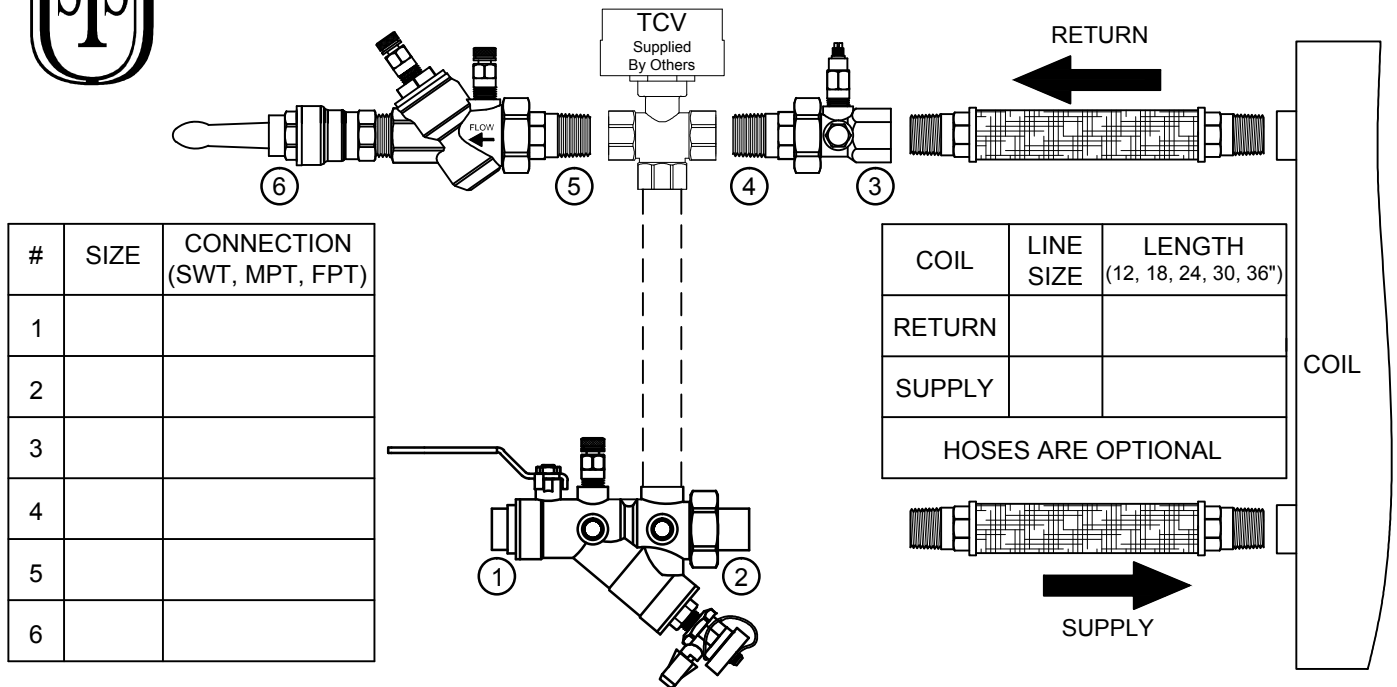
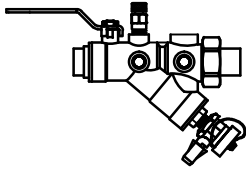
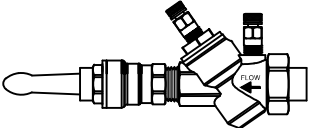
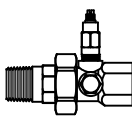





Automatic Balancing 3-Way Kit - A3I Submittal



PRODUCT DESCRIPTION: The USIS A3I Automatic Balancing 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 supplied TCV is available at an extra expense. No bypass device is included in the A3I 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 AFLB: The AFLB is an automatic flow limiting device, male ended by union with a full port ball valve attached. The AFLB is supplied with a stainless steel flow limiting cartridge, two pressure/temperature ports, and a hanging ID tag for easy identification.</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: |