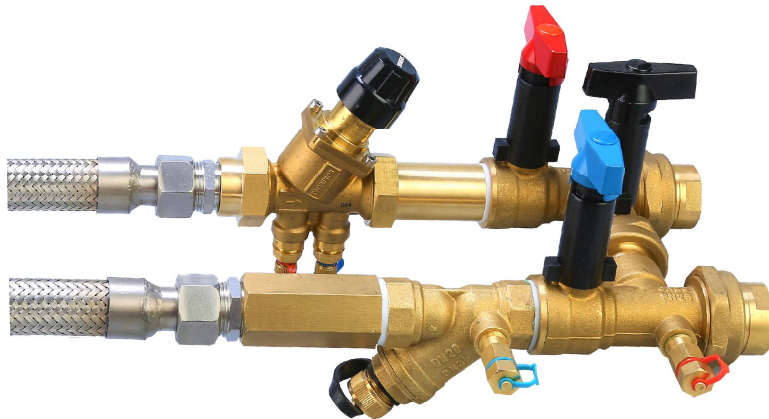




## TFT A25 Valve Kit, PN 25

for rooms, zones, ventilation and air-conditioning systems

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- DZR Brass Body
- Full Bore Isolation Ball Valves with extended handles for Supply, Return & Bypass
- Strainer with Drain Plug
- Orifice Plate for Flow Measurement
- Braided Flexible Hoses with DZR Brass Connections
- EPP Insulation Box

### Benefits

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- TFT A25 is an advanced compact valve assembly which minimize the installation to connect Valves with terminal units.
- Compact Design
- Faster installation and commissioning
- Direct flow measurement

### Insulation Box

#### Benefits

- Special design for Siemens PICV Valves
- Easy Installation and removal
- Easy access to the valves, strainer and P/T ports with removing insulation box
- Reduced heat loss
- Minimized condensation

#### Specifications

- Material : Expanded Polypropylene (EPP)
- Thermal Conductivity : 0.037 W/mk
- Density : 35 kg/m<sup>3</sup>
- Temperature Range : - 25°C - 80°C
- Fire Resistance Property : Class D/HF-1  
EN13501-1  
UL94

### Flexible Hoses



#### Benefits

- Easy connection between valve kit and terminal unit
- Absorbs vibration
- Avoid turbulent flow
- No need of dielectric union
- More flexibility

#### Specifications

- Pressure Rating : PN25
- Hose Material : EPDM
- Body Material : SS304 Braided
- Connections : Swivel FPT, DZR Brass
- Length : 300mm

### Ball Valves



#### Benefits

- Extended T-Handles for insulation
- Easy flushing and coil isolation
- Quarter turn
- Full bore

#### Specifications

- Pressure Rating : PN25
- Body Material : DZR Brass
- Ball Material : Chrome Plated DZR Brass
- Handle : Aluminium

### Strainer with Drain Valve



#### Benefits

- Compact Design
- Perforated stainless steel mesh
- Block Impurities before entering coil
- Drain Valve enables systems to drained without removing pipework

#### Specifications

- Pressure Rating : PN25
- Body Material : DZR Brass
- Screen : SS304
- Cap : DZR Brass

### Test Ports



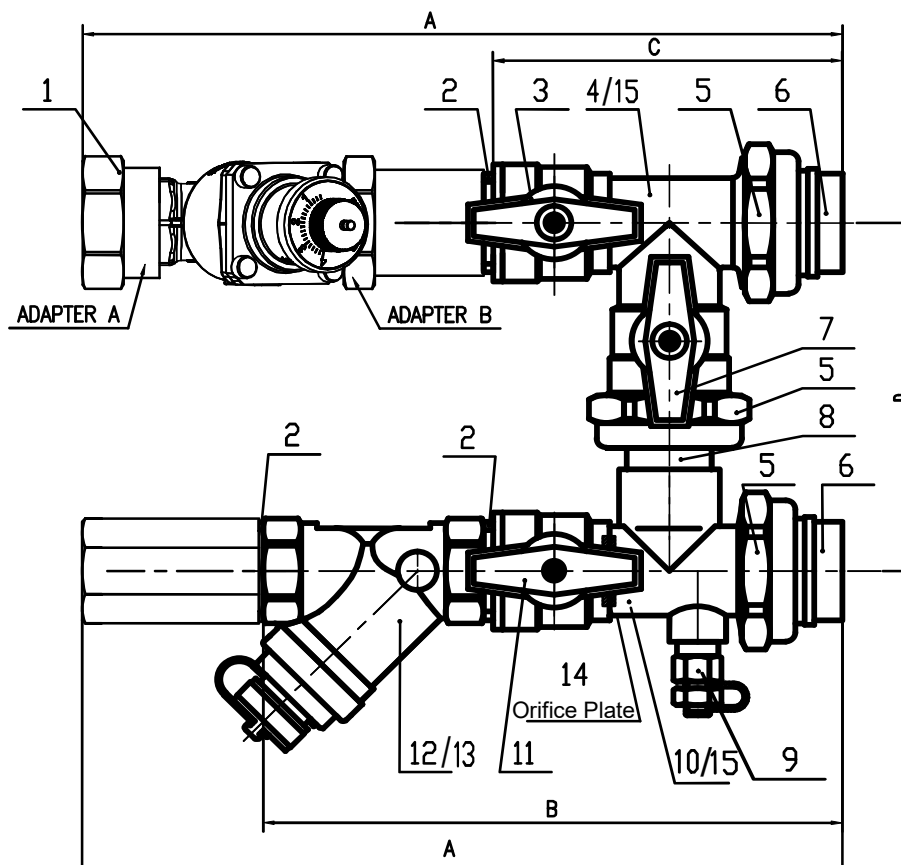
#### Benefits

- Facilitates temperature and pressure measurement
- Flow rate measurement

#### Specifications

- Pressure Rating : PN25
- Body Material : DZR Brass
- Sealing Bushes : Nitrile

## Technical Details & Dimensions



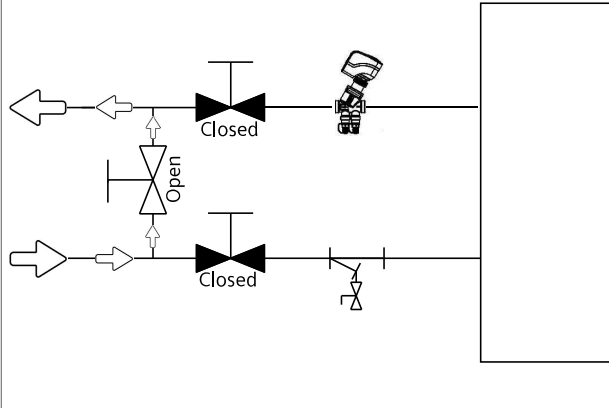
| Number | Description      | Quantity | Material  |
|--------|------------------|----------|-----------|
| 1      | Adapter          | 1        | DZR Brass |
| 2      | Gasket           | 3        | PTFE      |
| 3      | Handle (Red)     | 1        | Aluminium |
| 4      | Ball Valve       | 1        | DZR Brass |
| 5      | Union Nut        | 3        | DZR Brass |
| 6      | Union Nipple     | 2        | DZR Brass |
| 7      | Handle (Black)   | 1        | Aluminium |
| 8      | Connection Piece | 1        | DZR Brass |
| 9      | Test Ports       | 2        | DZR Brass |
| 10     | Ball Valve       | 1        | DZR Brass |
| 11     | Handle (Blue)    | 1        | Aluminium |
| 12     | Strainer         | 1        | DZR Brass |
| 13     | Strainer Mesh    | 1        | SS304     |
| 14     | Orifice Plate    | 1        | DZR Brass |
| 15     | Ball Material    | 1        | DZR Brass |

| Model   | A   | B   | C   | D   | Insulation Height |
|---------|-----|-----|-----|-----|-------------------|
| DN15-15 | 257 | 170 | 105 | 130 | 125               |
| DN20-15 | 265 | 184 | 112 | 130 | 125               |
| DN20-20 | 267 | 184 | 112 | 130 | 135               |
| DN25-20 | 281 | 210 | 128 | 130 | 135               |
| DN25-25 | 282 | 210 | 128 | 130 | 145               |

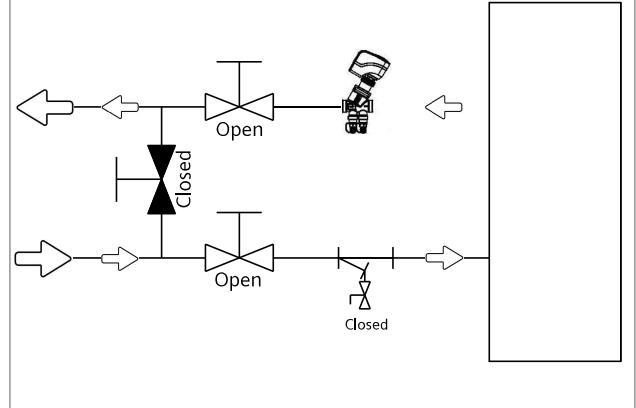
## Operations & Selection

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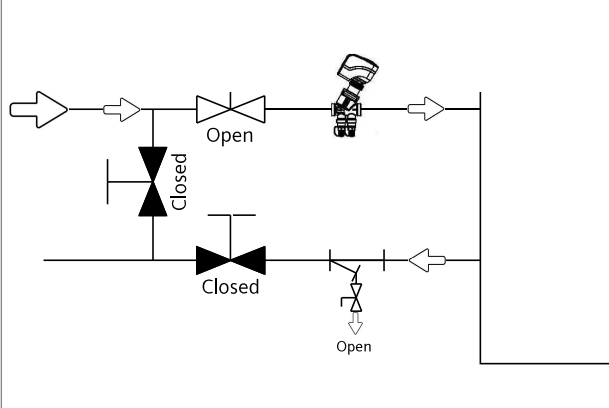
Isolation & Flushing through bypass



Standard Operation



Reverse Flushing



Forward Flushing

