

Acvatix Valve Kit, PN 25

SAVK

for rooms, zones, ventilation and air-conditioning systems

- 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
- To be Assembled with Siemens VPP series PICV Valves

Benefits

- Siemens SAVK 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/m³
- 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



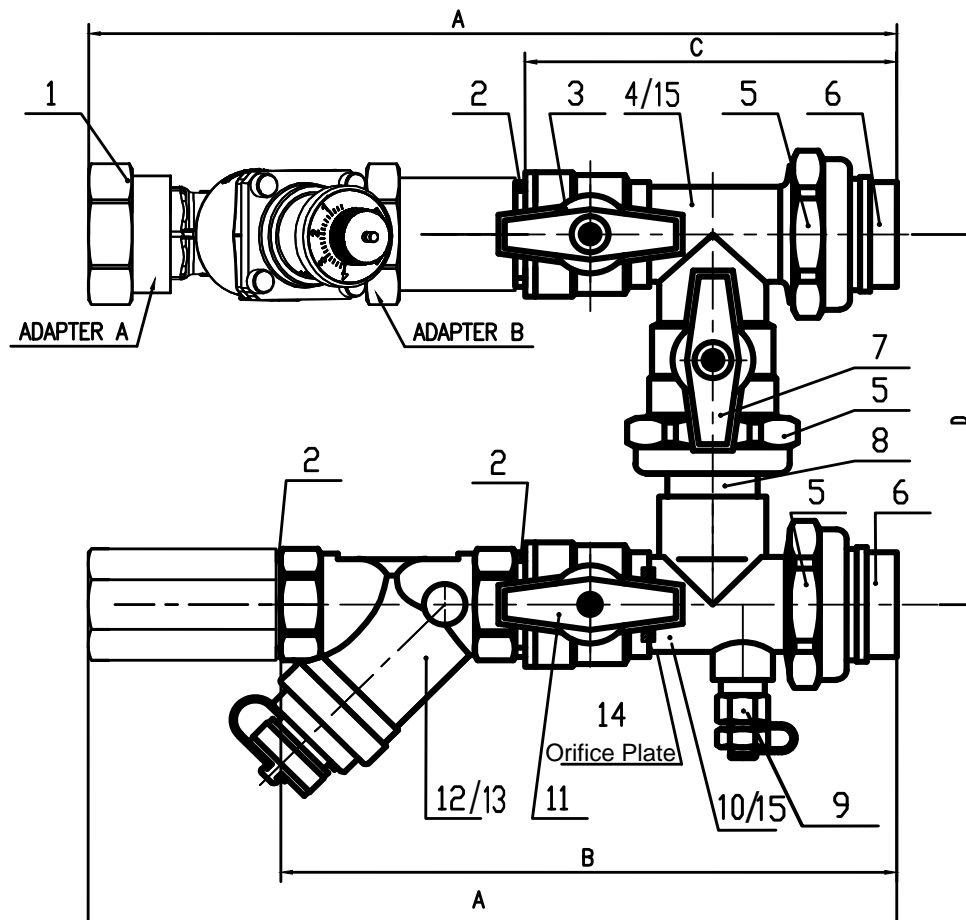
Benefits

- Facilitates temperature and pressure measurement
- Flow rate measurement

Specifications

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

Technical Details & Dimensions

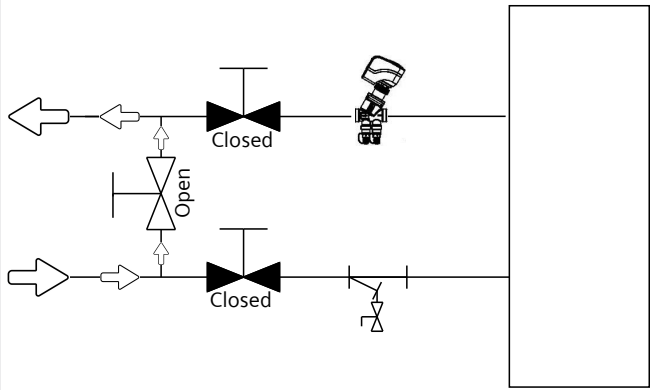


Number	Description	Quantity	Material
1	Adapter	1	DZR Brass
2	Gasket	3	PTFE
3	Handle (Red)	1	Aluminium
4	Ball Valve	1	DZR Brass
5	Union Nut	3	DZR Brass
6	Union Nipple	2	DZR Brass
7	Handle (Black)	1	Aluminium
8	Connection Piece	1	DZR Brass
9	Test Ports	2	DZR Brass
10	Ball Valve	1	DZR Brass
11	Handle (Blue)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

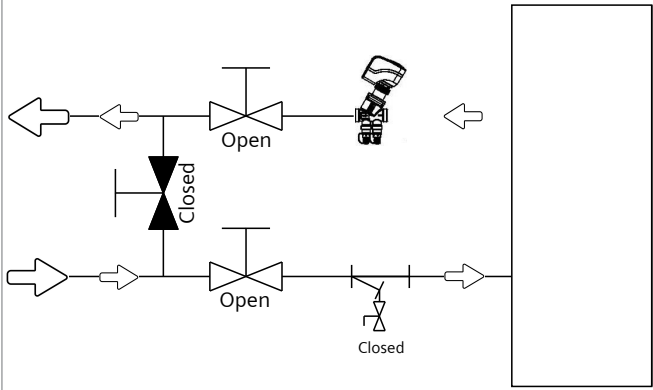
Model	A	B	C	D	Insulation Height
DN15-15	257	170	105	130	125
DN20-15	265	184	112	130	125
DN20-20	267	184	112	130	135
DN25-20	281	210	128	130	135
DN25-25	282	210	128	130	145

Operations & Selection

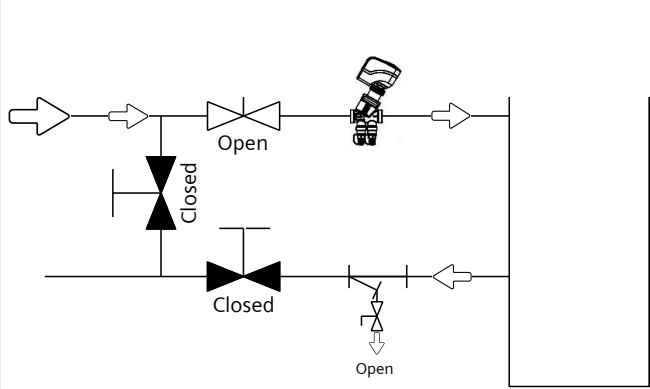
Isolation & Flushing through bypass



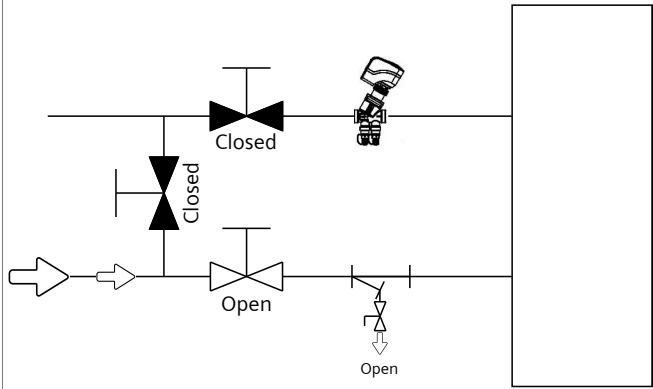
Standard Operation



Reverse Flushing



Forward Flushing



SAVK	Kit Size	PICV Model	Version
	↓	↓	↓
	1. 15 2. 20 3. 25	A. VPP15L0.2Q B. VPP15L0.6Q C. VPP20F1.4Q D. VPP25F1.8Q	R. Right Hand L. Left Hand

Example: for Kit Size 20, with PICV Model VPP20F1.4Q and the Right Hand Version the Order Code is: SAVK - 2 - C - R