

NexusValve Tribus

6-way control valve for 4-pipe systems



One small valve with big advantages



- Only one control valve and one actuator for the terminal changeover
- Fast and easy installation and commissioning, including BMS connectivity
- Simple and flexible valve's selection due to several inserts with different Kv values
- Built-in pressure compensation function

**More comfort,
less consumption**

NexusValve Tribus is a special 6-way ball valve to be installed in 4 pipes systems to exchange the supplied water temperature at the devices to handle cooling and heating in buildings.

One NexusValve Tribus valve replaces 4 valves with actuators, saving your money and time.

Due to construction advantages, you no longer have to worry about possible leakage in your system, mixtures of temperatures or pressure overflow between cooling and heating circuits.

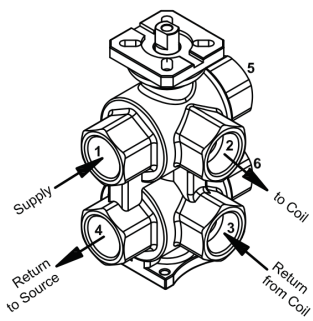
The unique compact feature of the Tribus 6-way valve reduces installation cost, lessens power consumption, and is ideal for chilled beams and radiant ceiling applications.

- Product range: DN 1/2" Rp, PN 16 bar
- Min /Max working temperature: -40°C...+130°C
- Material of the body: DZR brass
- Leakage rate: A
- Linear actuator: 24VAC, 0-10V, 10 Hm, IP54
- Dimensions, mm:
H230 (without handle) / W85 / L150

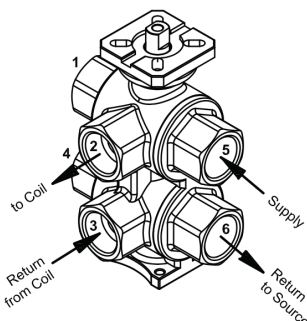
With NexusValve Tribus commissioning and balancing of your systems become easier and more reliable due to clear and precise settings and flow control.



Circuit 1



Circuit 2



Independent Kv insert discs can be selected to individually balance flow rates for heating and cooling.

The single data point 0-10Vdc modulates control with zero percent leakage, in the closed position and provides optimum climate control even with different design flows for maximum energy efficiency and occupant comfort.

Cv and Kv for circuits 1 & 2

Cv	0.29	0.46	0.73	1.16	1.50	1.85	2.81*
Kv	0.25	0.40	0.63	1.00	1.30	1.60	2.42*

* values without insert discs