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**Compact, secure and easy to install – the SAUTER 6-way ball valve**

*The new 6-way ball valve from SAUTER makes heating and cooling possible with a single regulating valve. It replaces up to four conventional valves and only needs one actuator. This saves a lot of expense and offers maximum flexibility.*

In large office buildings where there are many heating and cooling elements, it’s best to use as few zone valves as possible. This reduces the space needed in the suspended ceilings, and also the materials and labour required for fitting the valves, actuators, controllers and wiring.

**Four into one**

The new 6-way ball valve from SAUTER provides a compact, precise alternative for controlling heated and chilled ceilings and fan coils in 4-pipe systems. It doubles as a regulating valve or change-over valve. Conventional solutions may need as many as four 2-way valves, four actuators and two controllers. The SAUTER solution has just one 6-way ball valve and an actuator. Thanks to its compact design, it can be installed in any suspended ceiling.

**Optimum regulation**

The 6-way ball valve, with a nominal diameter of DN 15 or DN 20, consists of two mechanically connected ball valves. The bores of the two balls are set at right angles, ensuring that the heating and cooling systems remain separate and do not leak into each other.

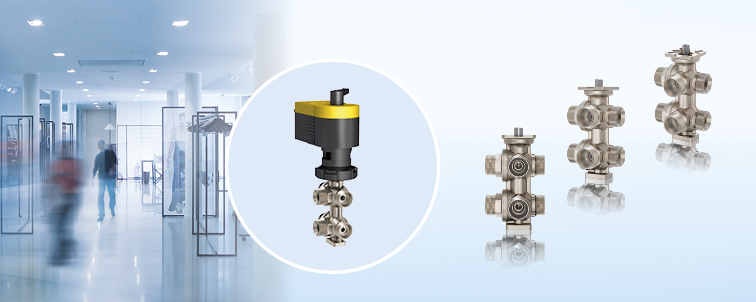
Varying apertures enable the maximum flow rate (Kvs) to be adjusted precisely. It is possible to set different Kvs values on a valve for cooling and heating and flexibly adapt them to operating conditions. The result is more accurate and secure control.

For more precise regulation, the 6-way ball valve from SAUTER can be combined with the SAUTER Valveco Compact pressure-independent multi-function valve. This is the ideal solution for hydraulic balancing and provides more certainty of planning, ease of installation and energy efficiency

**Low outlay, easy installation**

The 6-way valve from SAUTER needs only one actuator, so compared to a solution with four 2-way valves, this saves the cost of three data points. With fewer components, there is far less likelihood of problems occurring later due to installation errors.

The male thread means there is no chance of the valves being accidentally reversed when they are fitted. Installing and removing the 6-way ball valve couldn’t be simpler. It is compatible with all SAUTER rotary actuators and can be quickly fitted without any tools – just screw it on.



*As a leading provider of solutions for building automation technology in Green Buildings, SAUTER provides pleasant conditions and a sense of well-being in sustainable environments. SAUTER is a specialist in developing, producing and marketing products and systems for energy-efficient total solutions, and offers a comprehensive range of services to ensure the energy-optimised operation of buildings. Our products, solutions and services enable high energy efficiency throughout the entire life-cycle of a building, from planning and construction through to operation, in office and administrative buildings, research and educational facilities, hospitals, industrial buildings and laboratories, airports, leisure facilities, hotels and data centres. With over 100 years’ experience and a track record of technological expertise, SAUTER is a proven system integrator that stands for continuous innovation and Swiss quality. SAUTER provides users and operators with an overview of energy flows and consumption, and of the development of the costs involved.*

The SAUTER Group

* An international corporation with its headquarters in Basel, Switzerland
* Founded in 1910, it can rely on more than 100 years of tradition and experience
* With more than 2,300 employees, it is present and active globally
* Complete building management solutions from a single source Focusing on maximum energy efficiency and sustainability
* Safeguarding investments and operational reliability throughout the life-cycle of a building
* Technology leader in the building automation and system integration sector
* Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
* Impressive references at www.sauter-controls.com