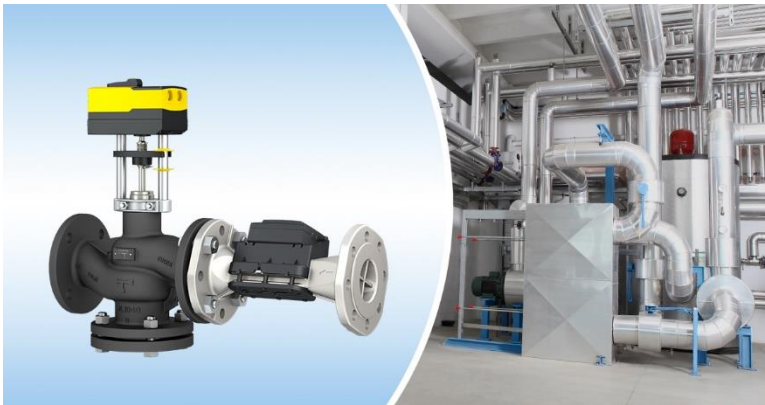


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Control large volume flows with eValveco flange

The [SAUTER eValveco system](#) is used for dynamic hydronic balancing in the full or partial load ranges and for flow regulation. Systems with the nominal diameters DN65, DN80 and DN100 have been added to the existing product portfolio. The new eValveco valves with flange connection feature a Bluetooth interface for commissioning and maintenance via smartphone.



Pressure-independent control valves ensure energy-optimised heating and cooling systems.

Balancing temperature and energy

Hydronic balancing is obligatory for fault-free and energy-optimised heating or cooling. Pressure-independent control valves (PICVs) ensure precise and efficient energy use. SAUTER's electronically controlled eValveco PICVs are ready for use with quick and easy planning, installation and commissioning. The desired volume flow or energy consumption can be specified directly with eValveco as a command variable. Demand-based control and system optimisation can be carried out centrally via the building management system.

Application spectrum for large volume flows extended

The eValveco system was developed for the following tasks:

- automatic, dynamic hydronic balancing
- volume flow control
- energy monitoring

The application spectrum for the control of large volume flows has been extended with three new eValveco valves with flange connection and nominal diameters of DN65, DN80 and DN100. Entire floors or building sections can now be precisely supplied with heating or cooling energy.

All new [eValveco flow control systems with flange](#) have an integrated Bluetooth interface. This makes it possible to establish a data connection for commissioning and maintenance using the associated smartphone app. All parameters can thus be checked and adjusted directly. The system can be controlled via a 0-10 volt signal, or via a Modbus/RTU or BACnet MS/TP interface.

Optimising energy efficiency and costs with eValveco

Through its precise ultrasonic measurement and control system, the eValveco system provides all the functions it needs to optimise the energy efficiency in buildings. At the same time, it reduces on-site installation and commissioning costs.

The new [eValveco flanged flow control systems](#) are available now. Our sales department will be happy to assist you. eValveco Configurator, the associated app, will soon be available for iOS and Android.

About SAUTER

As the leading provider of solutions for building automation technology in Green Buildings, SAUTER ensures good climate 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 of 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 therefore of the development of the costs involved.

The SAUTER Group

- Company active worldwide with headquarters in Basel, Switzerland
- Founded in 1910, it is built on more than 100 years of tradition and experience
- With more than 3,300 employees, it is present and active globally
- Complete building management solutions from a single source
- Focus: maximum energy efficiency and sustainability
- Investment protection and operational reliability over the entire building life-cycle
- Technology leader in the building automation and system integration sector
- Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
- Excellent references available at www.sauter-controls.com