



**Press release (approx. 2,823 characters, without legends)**

Hinwil/Switzerland, July 2015



**Belimo ZoneTight™**

## **Tight-sealing zone valves where space is restricted**

*Ideal solutions for energy-saving, unproblematic room and zone control in tight spaces are provided by the four valve series of the Belimo ZoneTight™ product range (QCV, PIQCV, 6-way zone valve and the electronic pressure-independent 6-way zone valve). Different construction and functions ensure that these zone valves provide optimum fulfillment of the respective applications.*

The *Quick Compact Valve QCV* is available as a 2-way characterised control valve in the nominal diameters DN 15 and DN 20 with manually adjustable  $k_v$  values and as a 3-way change-over ball valve in the same nominal diameters. Compact and soiling-resistant, it is suitable for versatile fields of application such as fan coils, cooling and heating ceilings, zone air heaters and coolers, under floor heating systems, radiators and chilled beams.

As a pressure-independent characterised control valve, the *Pressure Independent Quick Compact Valve PIQCV* uses permanent hydraulic balancing to supply the precise amount of water required, at all times to all of the heating and cooling elements. This means there is no possibility of supplying either excessive or insufficient amounts to the end devices, and the room comfort is ensured. The valve is set up quickly and securely on the basis of the required flow rate without having to determine the  $k_{vs}$  value. It also saves time during commissioning, as the manual hydraulic balancing is dispensed with.

The precise *6-way zone valve* is used for the control of a combined cooling/heating element, usually a cooling or heating ceiling or an air-conditioning beam in a 4-line system. Its unique technology revolutionises the structure of these systems, thus replacing conventional solutions (four 2-way valves, four actuators and two control units). The versatile  $k_{vs}$  combinations thereby enable precise and effective control. In addition, the reliable decoupling of cooling and heating circuits and the innovative integrated pressure relief function (patent-pending) ensure a high degree of operating safety.

The electronic, pressure-independent 6-way zone valve in standard sizes of DN 15 and DN 20 combines the benefits of two tried and tested Belimo valves in one, namely the good planning dependability and efficiency of the electronic, pressure-independent EPIV valve and the ease of installation of the 6-way characterised control valve. In contrast to the tried and tested 6-way zone valve, the integrated flow measurement and electronic flow control ensure the correct amount of water at any time should the differential pressure change or during partial loads. Time is also saved at the configuration stage because the  $k_{vs}$  value no longer has to be calculated and another great feature is rapid commissioning as a result of flexible assembly.

For more information: [www.belimo.eu](http://www.belimo.eu)

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*The Belimo ZoneTight™ compact valves guarantee unproblematic and energy-efficient room and zone control in tight spaces.*

*The Belimo Group is a leading global manufacturer of innovative electrical actuator and valve solutions for heating, ventilation and air conditioning technology. The Group achieved sales of CHF 494 million in 2014 and employs around 1450 people. For information on the company and its products, visit [www.belimo.com/investorrelations](http://www.belimo.com/investorrelations).*

*The shares of BELIMO Holding AG have been traded on the SIX Swiss Exchange since 1995 (BEAN).*