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|  | Frimley, UK 26th October, 2015 | |
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**Siemens Building Technologies offers a complete range of Pressure Independent Control Valves from 15mm to 150mm**

The pressure independent control valves (PICVs) and actuators in the Siemens Acvatix range help to reduce energy consumption buildings. The PICVs, also known as combi-valves, are particularly straightforward to plan, install and commission.

The sizing of valves for hvac systems in buildings can be challenging, and requires accurate data about flow that may not necessarily be readily available, particularly in new buildings. However, the latest valve technology from Siemens means that the selection, sizing and commissioning of valves is now much easier.

Valve selection is more straightforward than for other valves as the only information necessary to size the valve is the required flow rate through it. This saves time for the specifier.

The Acvatix combi-valve automatically shields against pressure fluctuations in the network, providing constant volumetric flow. This allows for exact control of room temperature ensuring greater occupant comfort as well as lower energy consumption.

Combi-valves are so flexible that a building can be commissioned in sections, or late changes to the design can be more easily incorporated. And if parts of a building are not in use, then it is easy to shut down that section of the hvac system – saving energy and running costs. This is particularly useful for hotels or hospitals. It also means that this type of valve is good for refurbishment projects.

An additional benefit of Acvatix combi-valves is that because their control is independent of differential pressure, they ensure more accurate temperature control. They ensure that return temperatures remain at the correct level under all operating conditions, ensuring high efficiency in the generation of heating and cooling energy, which in turn reduces heating and cooling costs for the building.

The Siemens PICV can be used on a broad range of systems, including heating, cooling and chilled water applications. They are flexible and highly precise, giving guaranteed system performance and optimised energy use. In today’s new-build and refurbishment projects, this sort of technology is making the work of consulting engineers, installers and commissioning engineers much easier.

For more information on the Acvatix range, see the website www.siemens.co.uk/bems.

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**Siemens in the UK**

Siemens was established in the United Kingdom 170 years ago and now employs 13,760

people in the UK. Last year’s revenues were £3.36 billion\*. As the world’s largest engineering

company, Siemens provides innovative solutions to help tackle the world’s major challenges

across the key sectors of energy, industry, infrastructure & cities and healthcare.

Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey.

The company’s global headquarters is in Munich, Germany. For more information, visit

[www.siemens.co.uk](http://www.siemens.co.uk)

*\* Data includes intercompany revenue. Data may not be comparable with revenue reported in annual or interim reports.*

For more information on Siemens Building Technologies, visit: [www.siemens.co.uk/buildingtechnologies](http://www.siemens.co.uk/buildingtechnologies)

**About Siemens**

**Siemens AG (Berlin and Munich)** is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world’s largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of combined cycle turbines for power generation, a major provider of power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance  imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal year 2014, which ended on September 30, 2014, Siemens generated revenue from continuing operations of €71.9 billion and net income of €5.5 billion. At the end of September 2014, the company had around 357,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).