

PRESS RELEASE

## **25 Years at the heart of flow control**

Twenty-five years have passed since Danish valve manufacturer Frese patented and launched their first dynamic control valve solution in the fall of 1988.

Since then, Frese has continued to transform innovative, state of the art technology into everyday solutions that accurately and efficiently balance heating and cooling systems around the world.

25 years of experience in the production of dynamic balancing solutions has positioned Frese as the leading manufacturer of energy saving valves and through their commitment to innovation, they continue to be at the forefront of technological advancements in their areas of expertise.

Today, Frese can supply dynamic balancing valves from DN10 to DN800 and the latest range of OPTIMA pressure independent control valves consists of twelve different sizes from DN10 to DN150. The Frese OPTIMA PICV is an intelligent control valve that maintains balance in the system, controls the room temperature and ensures that pressure fluctuations do not affect the valve performance, ensuring a comfortable indoor climate.

The OPTIMA PICV replaces a traditional balancing valve and 2 port control valve, and eliminates the need for additional differential pressure control valves in a system.

A recent field test in the UK proved a significant reduction in pump energy costs through the installation of the Frese OPTIMA PICV. A saving of 35% was achieved from a higher Delta T in the system as a result of increased system stability. In addition to this saving, a further 50% can be achieved through a simplified design of the system and optimal pump control.

“There is a difference between 25 years of knowledge and knowledge which is 25 years old”, says Product Manager Jens Johansen.

He continues “the innovative, patented design of our OPTIMA pressure independent control valves ensure accurate control and system stability. We also do not compromise on rangeability and characterisation, with the flow setting of the valve not influencing the stroke or control characterization. Both of these are critical factors in the design of a good PICV solution.”

The Frese OPTIMA PICV range is available from DN10 to DN150 and covers flow rates up to 200,000 l/h.

For further information on the Frese range of solutions, please visit: [www.frese.eu](http://www.frese.eu)