



## Frese OPTIMA - performance beyond size

Combining high performance and energy saving capabilities, the Frese OPTIMA is setting new control standards for heating and cooling systems



### YOUR BENEFITS

- **Save 50% of your pump energy costs**
- **Improved temperature control**
- **Minimum weight**
- **Compact design**
- **Fewer valves**

#### **Full modulating control and maximized $\Delta T$**

With Frese OPTIMA you will get modulating control with full authority regardless of any fluctuations in the differential pressure of the system.

Maintaining optimal control, lower flow and lower pump pressure means great energy savings. At the same time you will maximize  $\Delta T$  due to a much faster response and an increased system stability.

#### **An always balanced system means great energy savings**

Frese OPTIMA makes it simple to achieve 100% control of the water flow in the building, while creating high comfort and energy savings at the same time. No balancing is required if further stages are added to the system, nor if the dimensioned capacity is changed.

#### **Pressure independent balancing & control valve**

Frese OPTIMA combines an externally adjustable automatic balancing valve, a differential pressure control valve and a full authority modulating control valve. Used in heating and cooling systems Frese OPTIMA (PIBCV) fits applications with air handling units, heat exchangers or mixing circuits.



Actuator



With P/T plugs



Simple pre-set