



Frese OEM Applications

Frese manufacture innovative products solutions for a range of applications in the HVAC, Industrial and Marine market segments. Through our expertise and knowledge, our technology has been developed over time to produce a range of solutions that are ideal for installation in other HVAC equipment to control flow, pressure and temperature.

Frese PV Compact Positive Shutoff

The PV Compact with positive shutoff uses the standard PV Compact differential pressure control valve design and combines it with a positive shut off function for applications including:

- Heat Interface Units
- Underfloor Heating Systems
- Central Control Hubs

Frese OPTIMA Compact with Remote Sensor

The Frese OPTIMA Compact pressure independent balancing and control valve can be fitted with an efficient thermostatic head with a remote sensor for applications including:

- Boilers
- Underfloor Heating Mixing Circuits
- District Heating Bypass Boxes
- Single-pipe Heating Systems





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Frese OPTIMA Compact OEM Pre-setting Unit

At the heart of the innovative OPTIMA Compact range is the OPTIMA Compact pre-setting unit that provides accurate and efficient flow, temperature and differential pressure control.

This unit can be installed in the following applications:

- Underfloor Heating Manifolds
- Valve Blocks
- Heat Interface Units
- Central Control Hubs
- Fan Coil Units
- Climate Control Components
- Cooling and Heating Beams
- Decentralised Ventilation Systems



Frese OPTIMIZER Control Group

The Frese OPTIMIZER is an intelligent control unit that forms an integral component of the pressure independent balancing and control group providing efficient and effective individual room control or BMS controlled energy management.

The OPTIMIZER Control Group contains the Frese OPTIMA Compact, OPTIMIZER Control Unit and 3 port control valves and has the ability to control both heating and cooling with only one single data point from the BMS.

Typical applications include:

- 4-pipe Heating and Cooling Ceilings
- Cooling and Heating Beams
- Decentralised Ventilation Systems

Pressure independent 4-pipe coil control unit

