



## Frese ALPHA Lower costs, peace of mind

Frese ALPHA dynamic balancing valves are specifically designed to automatically balance heating and cooling systems. Frese ALPHA valve with integrated cartridge maintains a constant flow rate, even under fluctuating pressure conditions

·Max diff. pressure: 600 kPa

·Operating temp. : -20 to +120°C

·Dimensions: DN15-DN50

·Flow rate: from 25 l/h to 11.355 l/h

·Material: DZR brass

·Static pressure: PN25

·For cooling and heating applications

Traditional balancing using static valve valves in heating and cooling systems faces serious challenges, as variations in pressure lead to system imbalance.

However, dynamic flow control valves maintain balance within a system, by ensuring the flow rate does not exceed the limit specified. This saves energy and maintains a comfortable system temperature.

With valves and flange housings from DN15 to DN800, Frese ALPHA guarantees hydraulic balance in any size of system, from single heating units to entire district cooling installations.

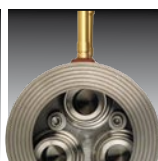
Frese products efficiently balance HVAC systems worldwide. From heating systems in Scandinavia to cooling systems in the Middle East, Frese transforms state of the art technology into everyday solutions.



Frese ALPHA valve



Frese ALPHA cartridge



Frese ALPHA wafer