

Frese PV Differential Pressure Control Valve

Heating and cooling systems are often noisy with thermostatic valves not being able to close completely.

Despite the fact that almost all modern systems use variable speed pumps, there is still a tendency in larger systems for differential pressure to increase when the system is partially loaded, giving rise to noise and to valves that struggle to regulate effectively.

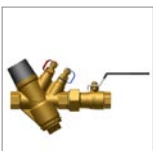
- Max. diff. pressure: 400 kPa
- Temperature range: -10 to 120°C
- Dimensions: DN15-DN50
- Flow range up to 15 m³/h
- Material: DZR Brass
- Static Pressure: PN 25
- For heating and cooling systems

Frese PV maintains a constant differential pressure in the system and is unaffected by fluctuations in pressure and flow. To allow for precise adjustment of differential pressure, all standard valves are equipped with P/T plugs, which means differential pressure can be measured across the system and across every valve.

Frese PV can be combined with Frese S, dynamic balancing valve and the combination

of valves means that there is perfect control over differential pressure within the system and complete control over flow. Regardless of any other changes in the system, differential pressure and maximum flow will not change.

Frese balances efficiently HVAC systems all around the world. From cooling systems in the Middle East to heating systems in Scandinavia, Frese's products transform state of the art technology into every day solutions.



Built in P/T plugs and isolation



Optional position



Easily setting