www.herz.eu

HERZ TMV

Thermostatic mixing valves for heating

- Adjustable flow temperature
- Wide temperature range
- Stable outlet water temperature
- Precise regulation
- Suitable for heating and cooling systems
- Compact design and easy installation
- Premium quality thermo-element ensures stable performance

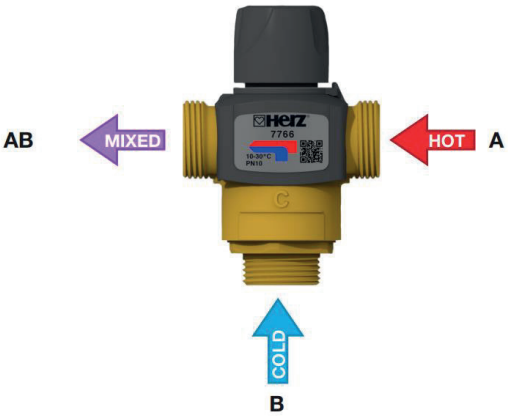
HERZ Thermostatic Mixing Valve

Reliable temperature control and safety with HERZ TMV

HERZ Thermostatic mixing valves are essential components in heating and cooling systems, ensuring a stable mixed water temperature regardless of fluctuations in hot and cold water inlet conditions. Designed for precision and reliability, these valves help maintain system efficiency and user comfort. They are typically used in systems with underfloor heating or radiators, where safe and consistent temperature control is critical.

Benefits

- **Stable outlet temperature:** even with pressure changes.
- **Reliable performance:** across a wide temperature range.
- **High quality thermo-element:** ensures precise thermal regulation and reliable operation.



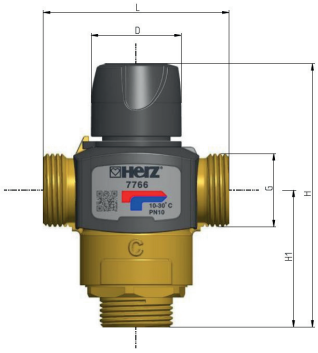
Applications and functionality

HERZ TMV for heating is connected to the hot main supply (A). The mixing valve is mixing the hot liquid (A) with cold liquid (B) and it adjusts the temperature that flows into the system according to the set value (AB).

Operating Data

Maximum hot water temperature:	100 °C (1 **7766** 42 / 43 / 44 / 45)
	65 °C (1 **7766** 40 / 41)
Maximum static pressure:	10 bar
Maximum differential pressure:	5 bar
Maximum flow rate:	82 l/min
Temperature stability:	± 2 K
kvs-value:	4.4 m³/h

Article number	Temperature range [°C]	G [„]	H [mm]	H1 [mm]	L [mm]	D [mm]
1 **7766** 40	10 - 30	1	119	62	84	41
1 **7766** 41	10 - 30	1¼	119	62	84	41
1 **7766** 42	20 - 45	1	119	62	84	41
1 **7766** 43	20 - 45	1¼	119	62	84	41
1 **7766** 44	45 - 70	1	119	62	84	41
1 **7766** 45	45 - 70	1¼	119	62	84	41



Issue: 09/25 - W180499 - HERZ TMV_EN

Herz Armaturen Ges.m.b.H.
Richard-Strauss-Straße 22, 1230 Vienna, Austria
T: +43 1 616 26 31-0, F: +43 1 616 26 31-227
E-Mail: office@herz.eu

www.herz.eu