

Termix TPV

Flow-compensated temp. controller with integrated differential pressure controller (NO)

Intelligent control with thermostatic override

The Termix TPV controller controls the domestic hot water (DHW) by taking both flow volume and temperature into account. During tapping the valve opens and the thermostat starts to control the DHW temperature. The control is independent of varying tapping flows, supply temperature and differential pressure. When tapping ends, the valve closes immediately. This protects the heat exchanger (HEX) from scaling.

Integrated energy efficient standby function (idle mode)

In periods with no tapping of water, the standby function automatically adjusts itself to a level below the selected DHW temperature. Thereby the HEX is always ready to produce DHW. The idle mode is built into the controller and requires no readjustments, which means that the idle temperature will always be set correctly, and the energy usage is kept to a minimum. Furthermore a low return temperature is ensured, also during standstill.

Suitable for low supply temperature operation

The Termix TPV controller ensures perfect regulation of DHW at both low and higher supply temperatures. It also guarantees maximum comfort at minimum energy consumption. Thus the Termix TPV is the perfect choice in low supply temperature systems.

Environmental-friendly comfort - no waste of water

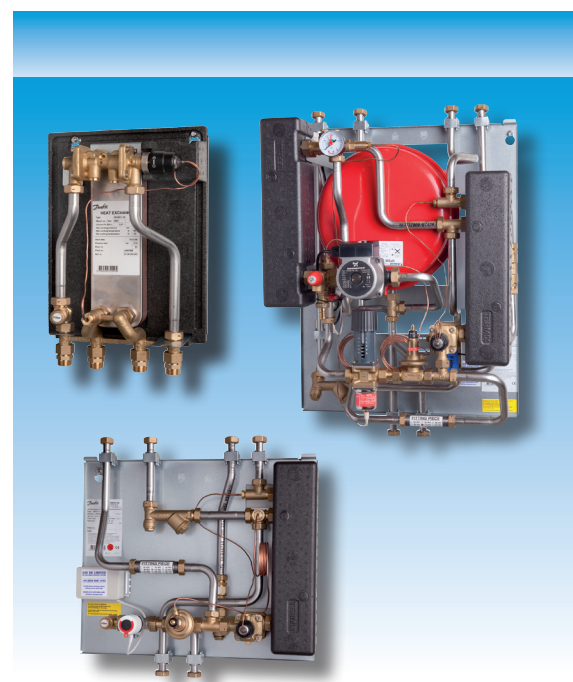
The Termix TPV ensures that the HEX is always ready to produce DHW. The consumer feels the comfort by the instant availability of hot water out of the tap. This means high comfort as well as minimum waste of water.

Integrated differential pressure controller

The integrated differential pressure controller inside the Termix TPV optimizes the control conditions for the thermostatic part of the valve.

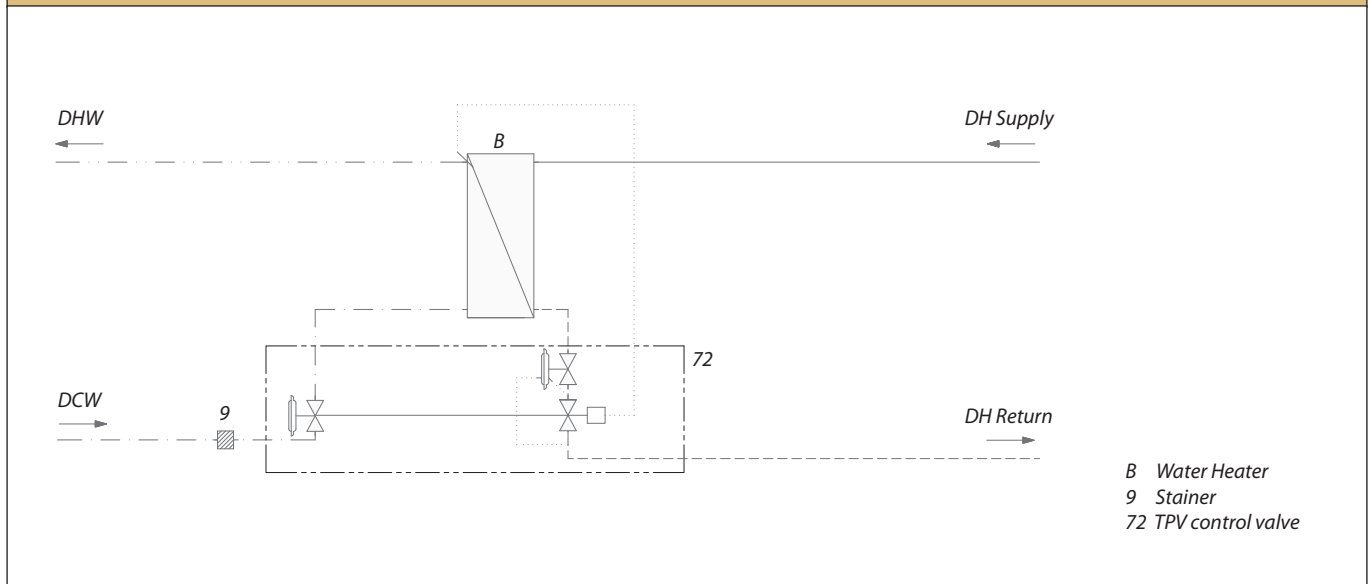
Advantages

- Extraordinary regulation performance
- Built-in idle function
- Suitable for low supply temperature operation
- No waste of water



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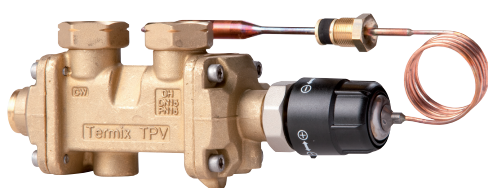
Connection example



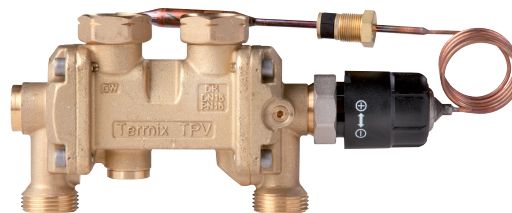
Technical parameters:

Valve: Termix TPV 90 (Novi),
 Termix TPV 180 (units)
 Nom. Pressure: PN16
 Max flow: Primary: 1200l/h
 Secondary: 1400l/h
 Temperature range:
 Primary: 50 - 100 °C (120 °C)
 DHW: 45 - 65 °C
 Min. Cold water pressure: 1 bar
 Max differential pressure: 6 bar

Circulation:
 We recommend the connection on the
 Termix TPV hot water recirculation con-
 nection. A fitting for hot water recircula-
 tion connection is delivered loose with
 all heating interface units with the Termix
 TPV valve.



Termix TPV90 is fitted in the water heater Termix Novi.



Termix TPV 180 is fitted in the heating interface units:
 - Termix VVX-I
 - Termix VMTD-I

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