Fact sheet

Termix VX Compact 28
District heating substation for indirect heating with electronic controls. Designed for wall-mounting.

Application
The Termix VX Compact 28 is a complete solution for space heating with optimal safety, efficient energy transfer, service-friendly construction and a compact design. The substation is applicable, if a heat exchanger is required or on a conversion to district heating, where the existing equipment is unsuitable for direct connection. The Termix VX Compact 28 substation is ideal, where a high level of security against burst pipes and water damage in the heating system is required.

District heating (DH)
The district heating circuit is prefabricated with a flow controller with integrated control valve, thermometers and ball valves.

Heating (HE)
The heating circuit consists of a plate heat exchanger, safety valve, manometer, thermometers, ball valves, drain valve, air valve and circulation pump.

The heating temperature is controlled by an electronic controller with an outdoor temperature sensor. Depending on the application, different heat exchangers dimensioned for central or floor heating can be used.

Domestic hot water (DHW)
The Termix VX Compact 28 is supplied with connection pipes for a DHW tank on the supply line.

Options
Termix VX Compact 28 can be delivered with white-lacquered steel cover or with filling line.

Construction
All pipes are made of stainless steel. The connections are made by nuts and gaskets. Other information about other required components

FEATURES AND BENEFITS

- Substation with high efficiency brazed plate heat exchangers for properties of between 1 to 30 apartments, made from acid-proof stainless steel
- Wall-mounted construction
- Suitable for new buildings as well as renovation projects
- Small, lightweight, compact construction
- Electronic controllers for heating and domestic hot water systems
- Advanced gasket system - primary side
- Fast and reliable delivery
- Danfoss substations and heat exchangers are manufactured according to European Pressure Directive PED 99/79/97/23/WE

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Technical parameters:
Nominal pressure: PN 16
DH supply temperature: \( T_{\text{max}} = 120^\circ \text{C} \)
Brazing material (HEX): Copper
Weight: approx. 50 kg
Insulation: EPP \( \lambda \) 0.039
Dimensions (mm)
Without cover: H970 x W620 x D420
With cover: H970 x W640 x D522
Electrical supply: 230V AC

Connections:
1. District heating (DH) supply
2. District heating (DH) return
3. Heating (HE) supply
4. Heating (HE) return
5. Tank (DHW) supply
6. Tank (DCW) return

Connection sizes:
DH + HE G 1" (int. thread)

Options:
- Cover
- Filling line

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