

## Fact sheet

# Termix Compact 28 MS VVX-FI

The ultimate solution for indirect space heating and domestic hot water.



## Space heating and domestic hot water (DHW)

The Termix Compact 28 MS VVX-FI is a complete unit for indirect space heating and domestic hot water for district heating in buildings such as sports centres, schools, blocks of flats etc.

It can be used for connection to indirect district heating in places where the district heating plant requires a hydraulic break. It is also suitable for conversion to district heating when the secondary heating system is unsuitable to being connected to direct district heating or when a particularly effective security against leakage in the heating system is required.

## Efficient heat exchanger

The substation is fitted with an efficient plate heat exchanger, which ensures the most favourable heat extraction and achieves optimum comfort and operating economy.

## Electronic regulation

The Termix Compact 28 MS VVX-FI is built with a plate heat exchanger for instantaneous domestic hot water production and heat exchanger for space heating. The electronic controller is factory preset. Electrical components are prewired, and the unit is equipped with a plug for 230 V a.c.

## Minimal heat loss

Complete insulation of the unit ensures minimal heat loss.

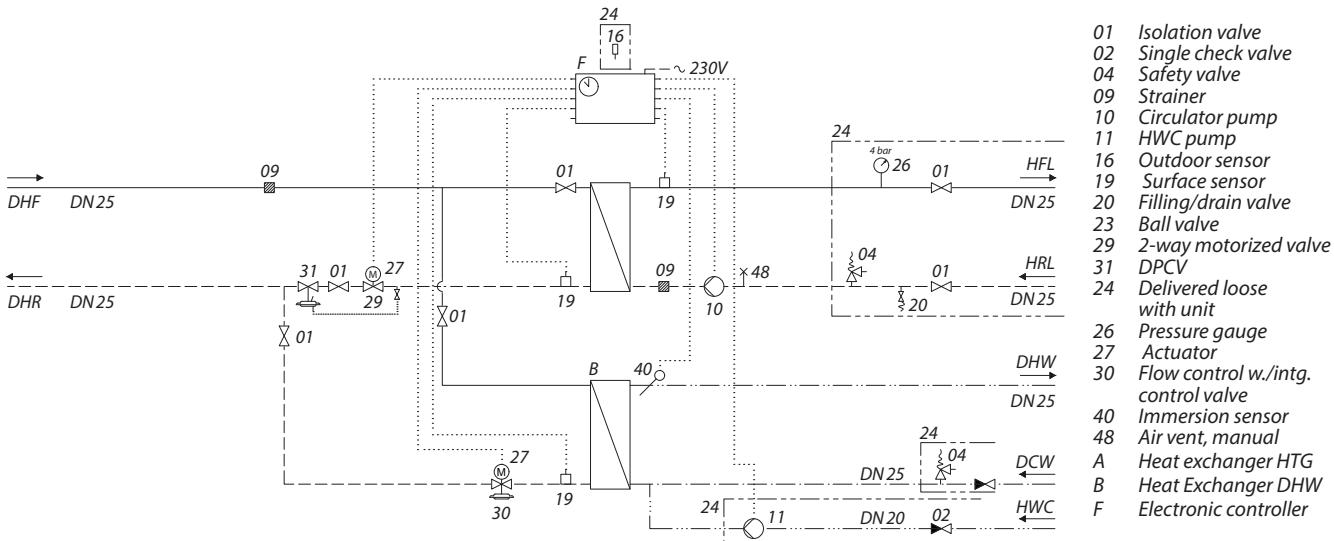
## Reliable and easy to install

Termix Compact 28 MS VVX-FI is operationally reliable. A quality product manufactured in Denmark which is easy to install and quickly commissioned.

## FEATURES AND BENEFITS

- Fully insulated
- Substations for apartment buildings
- Indirect heating
- Electronic control for heating and DHW
- Operates independently of differential pressure and flow temperature
- Pipes and plate heat exchanger made of stainless steel

## CIRCUIT DIAGRAM - EXAMPLE

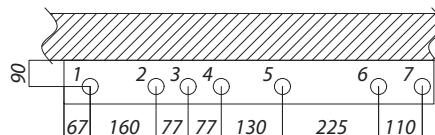


## Technical parameters:

Exchanger:	Stainless steel AISI 316
Test pressure exchanger:	25 bar
Working pressure:	16 bar
Valve type:	Danfoss
Operating temperature:	Max. 110°C
Soldering material:	Copper
Weight:	55 kg

## Dimensions:

H 1063 × B 905 × D 400 mm



## Connections:

- Primary flow line 1" RG int.
- Primary return line 1" RG int.
- DHW circulation 3/4" RG int
- Heating flow line 1" RG int.
- Heating return line 1" RG int.
- Domestic hot water 1" RG int.
- Domestic cold water 1" RG int.

## DHW: CAPACITY EXAMPLES

Substation type: Termix Compact 28 MS VVX-FI	DHW Ca- pacity [kW]	Supply flow prima- ry [°C]	Return flow prima- ry [°C]	Pressure loss prima- ry [*kPa]	DHW tem- perature [°C]
VVX 1-x	85	65	23,02	50	10/50
	90	70	24,83	50	10/55
	100	70	28,61	50	5/60
VVX 2-x	100	65	21,93	50	10/50
	110	70	23,92	50	10/55
	120	70	27,16	50	5/60
VVX 3-x	125	65	22,35	50	10/50
	130	70	22,35	50	10/55
	130	70	26,27	50	5/60
VVX 4-x	140	65	20,91	50	10/50
	150	70	22,57	50	10/55
	145	70	24,2	50	5/60

\*Heat meter not included.

## HEATING: CAPACITY EXAMPLES

Substation type: Termix Compact 28 MS VVX-FI	Heating Capacity [kW]	Heating circuit pri- mary [°C]	Heating cir- cuit sec- ondary [°C]	Pressure loss prima- ry [*kPa]	Flow rate primary [l/h]	Flow rate second- ary [l/h]
VVX x-1	28	80	50/70	50	852	1224
	38	100	60/80	50	845	1668
	38	110	70/90	50	848	1676
	48	90	40/70	50	866	1396
	41	80	50/70	50	1250	1792
	42	100	60/80	50	932	1844
VVX x-2	42	110	70/90	50	935	1852
	64	90	40/70	50	1154	1862

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