

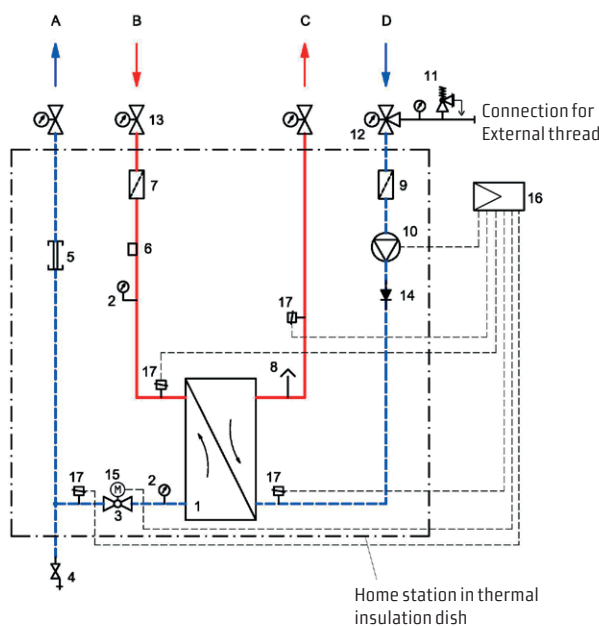
Local and district heating unit NFS-ID100

NFS-ID100-20 → NFS-ID100-30

➤ Basic unit



➤ Hydraulic diagram



- A Heating return, primary
- B Heating flow, primary
- C Heating flow, secondary
- D Heating return, secondary

- 1 Plate heat exchanger (insulated), GBS 240H-20, GBS 240H-30
- 2 Pressure gauge
- 3 Dynamic volume flow controller
- 4 Emptying
- 5 Heat quantity meter adapter (110 mm x DN20/130 mm x DN25)
- 6 Sensor pocket heat quantity meter M10x1, wet submerging
- 7 Dirt catcher: heating flow from line
- 8 Ventilation
- 9 Dirt catcher: heating return (heating)
- 10 Pump
- 11 Safety group (optional)
- 12 3-way ball valve with thermometer (optional)
- 13 2-way ball valve with thermometer (optional)
- 14 Backflow preventer
- 15 3-point actuator
- 16 Controller
- 17 Temperature sensor

↗ Technical data

Materials

Fittings	
Sanitary/heating:	according to DIN 50930 part 6
Dichtung:	DVGW, VP401 (HTB), KTW and BAM
	tested and approved
Heat exchanger:	Plates: 1.4404
	Solder: copper
Pipeline:	1.4401
Sanitary fittings:	CW617N
Heating fittings:	CW617N, partially CW614N

Heating

Max. operating pressure:	PN 16
Max. operating temperature:	110°C
Max. primary differential pressure:	4 bar

Electrical

Electrical connection:	230 V / 50 Hz
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Dimensions

Width x height x depth:	450 x 700 x 282,7 mm
Weight:	approx. 17 kg (with 20 plates)
	approx. 18 kg (with 30 plates)

Article no.

102 377 3	<ul style="list-style-type: none"> › NFS-ID100-20 up to 20 kW › 1 heating circuit › Without Domestic hot water heater
102 3869	<ul style="list-style-type: none"> › NFS-ID100-30 up to 30 kW › 1 heating circuit › Without Domestic hot water heater

	Heating flow, primary	Heating return, primary	Heating flow, secondary	Heating return, secondary	Volume flow, primary	Volume flow, secondary
20 kW	80 °C	50 °C	70 °C	45 °C	529 l/h	961 l/h
30 kW	80 °C	50 °C	70 °C	45 °C	795 l/h	1036 l/h