

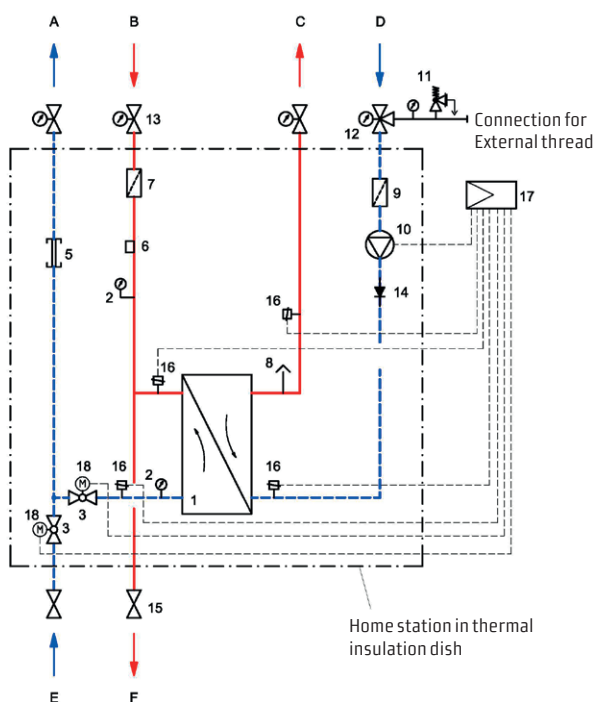
Local and district heating unit NFS-ID200

NFS-ID200-20 → NFS-ID200-30

➤ Basic unit



➤ Hydraulic diagram



- A Heating return, primary
- B Heating flow, primary
- C Heating flow, secondary
- D Heating return, secondary
- E Heating return domestic hot water memory
- F Heating flow domestic hot water memory
- 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 M 10x1 , 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 Ball valve (optional)
- 16 3-point actuator
- 17 Controller
- 18 Temperature sensor

↗ Technical data

Materials

Fittings	Sanitary/heating: according to DIN 50930 part 6
Seal	OHA-Press
Thermal insulation	EPP
Heat exchanger	Plates: 1.4404 Solder: copper
Pipeline	1.4401
Sanitary fittings	CW617N
Heating fittings	CW617N, partially CW614N

Heating

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

Sanitary

If a bronze pump is installed,
it is possible also to fill the drinking
water storage

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.

102 387 0

- › NFS-ID200-20 up to 20 kW
- › 1 heating circuit
- › With domestic hot water heater primary with 2-point therm. actuator

102 387 1

- › NFS-ID200-30 bis 30 kW
- › 1 heating circuit
- › With domestic hot water heater primary with 2-point therm. actuator

	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