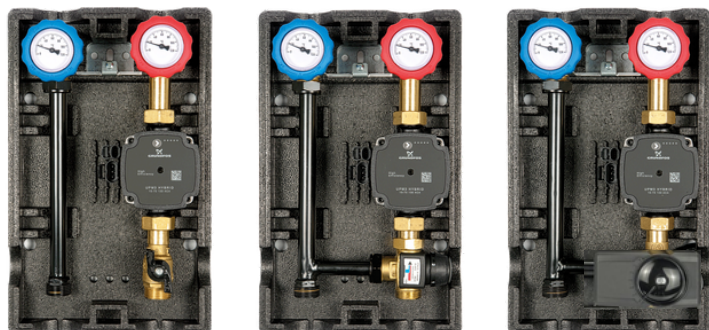


NOVAHEAT DN32

ART. 15000/15100/15200



Function

The electric-controlled pump unit with motorized 3-way mixing valve guarantees the correct flow-rate and a correct pumping head in all heating systems where a direct supply temperature control is necessary. The working temperature control, obtained thanks to the motor, allows a precise and modular management and control of the supply side of the system in cases when the temperature is different from the heating generator supply one. Different kinds of motors are available on request.

Technical data

Nominal diameter	DN32 direct/mixed fixed point/mix with motor
Max. pressure	PN10
Max. flow rate	DN32 direct/mixed fixed point/motorized - 2700 l/h
Security valve	/
Max. working temperature	95°-110° peak
Min. working temperature	+5°
Check valve opening	ΔP : 2KpA (200mm approx.)
Fluid	Water-water + glycol max 30%
Thermometers	0-120°C
Supply voltage	230 V/50 Hz
Electrical consumption	DN32 direct/mixed fixed point - max 52 W DN32 motorized mixed - max 56 W
IP protection class	IPX0D
External dimensions	250x400x210 mm
Pipes	Copper \varnothing 35 mm
Generator/collector connections	1" 1/4 M
Heating circuit connections	1" 1/4 F

Materials

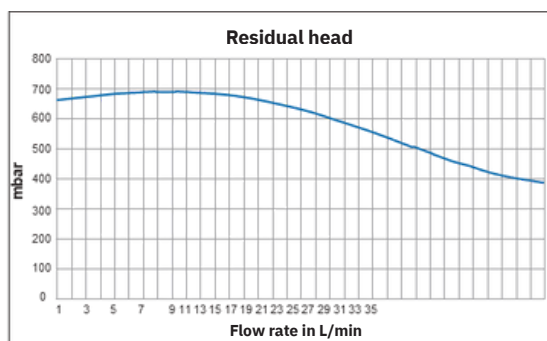
Pipes	Copper
Insulation	EPP
Circulators	Cast iron
Components	Brass/CW617N

Max power

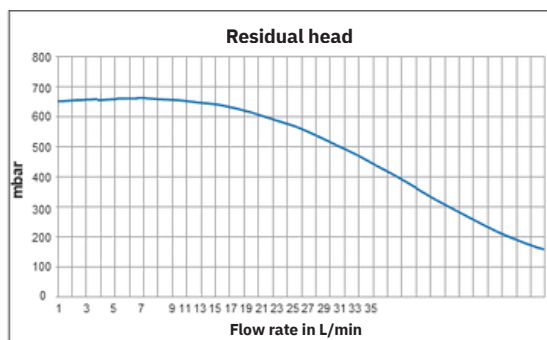
Max power	Direct	Mixed
ΔT 8°C	22 kW	22 kW
ΔT 10°C	32 kW	32 kW
ΔT 15°C	40 kW	40 kW
ΔT 20°C	54 kW	54 kW

Diagram

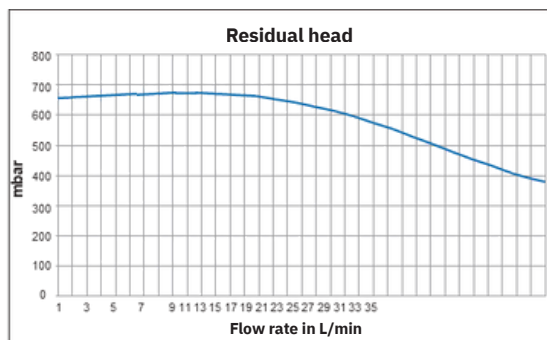
DN32 direct



DN32 fixed point

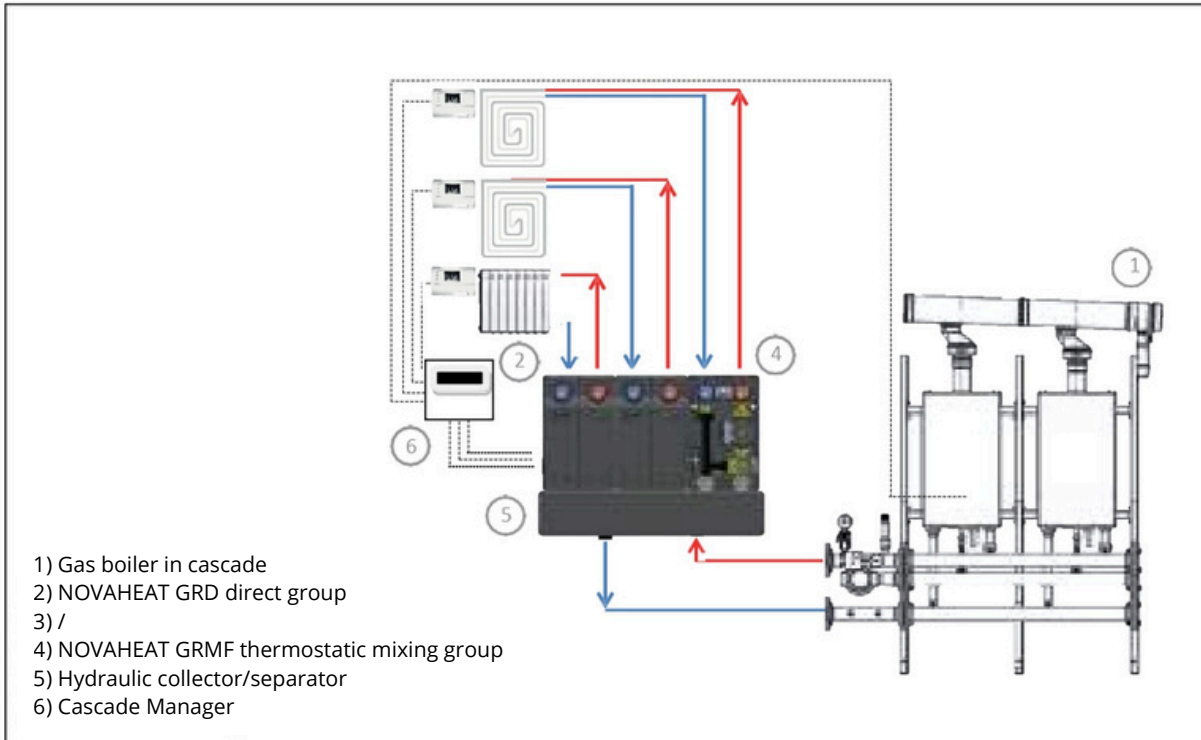


DN32 mixed motorized

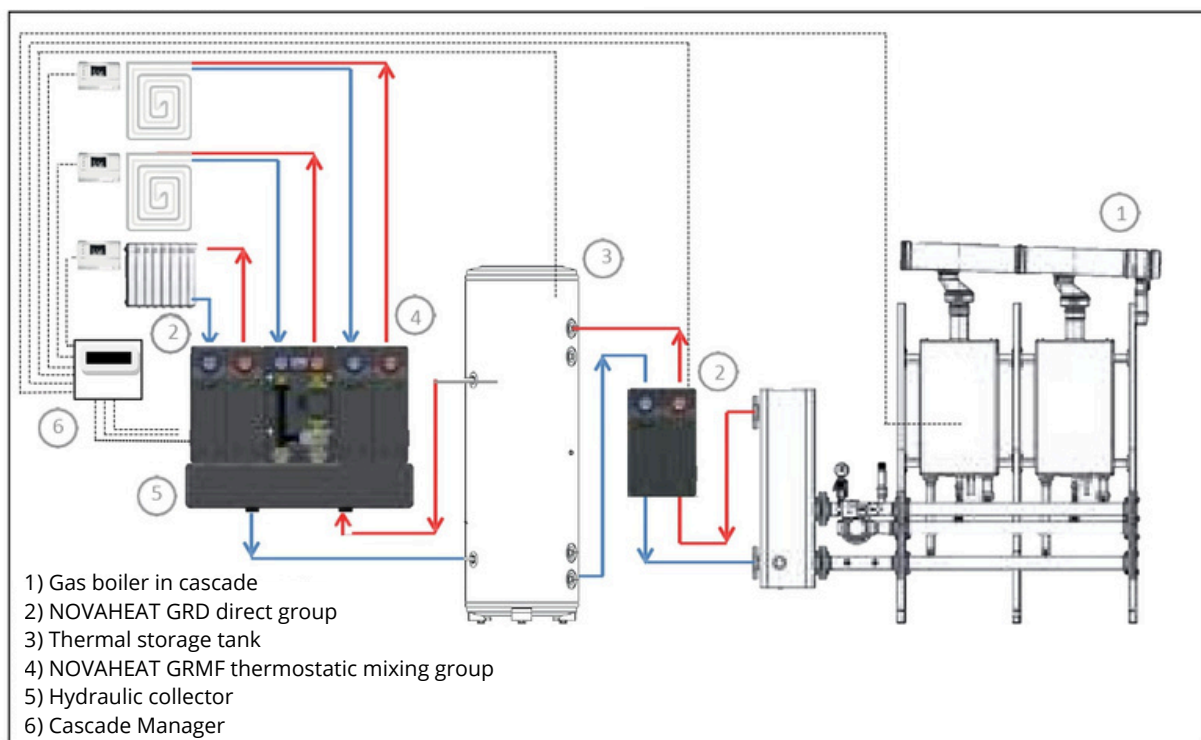


Installation diagram

Heating system with cascade of generators, separator/collector, two fixed-point mixed circulation groups, and one direct zone.

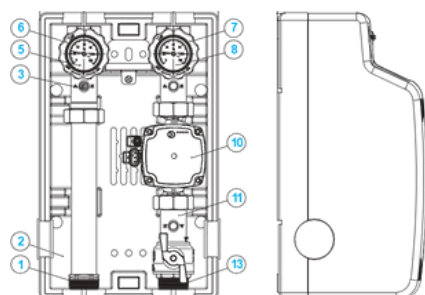


Heating system with cascade of generators, buffer tank, two fixed-point mixed circulation groups, and one direct zone.



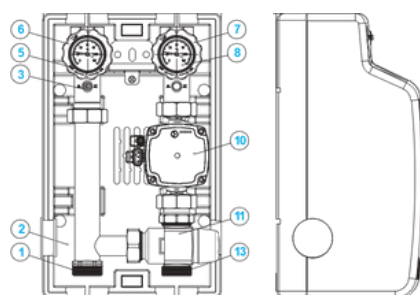
Composition

DN32 direct



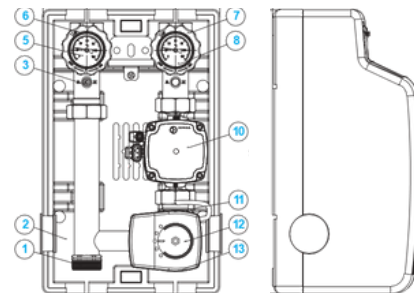
- 1) Generator return fitting
- 2) Insulating cover
- 3) Check valve
- 5) Heating return thermometer
- 6) Heating return valve
- 7) Heating supply valve
- 8) Heating supply thermometer
- 10) Heating circulation pump
- 11) Generator valve
- 13) Generator supply fitting

DN32 fixed point



- 1) Generator return fitting
- 2) Insulating cover
- 3) Check valve
- 5) Heating return thermometer
- 6) Heating return valve
- 7) Heating supply valve
- 8) Heating supply thermometer
- 10) Heating circulation pump
- 11) Thermostatic mixing valve
- 13) Generator supply fitting

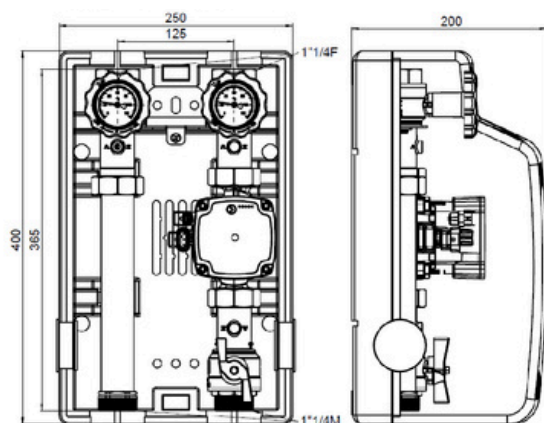
DN32 mixed motorized



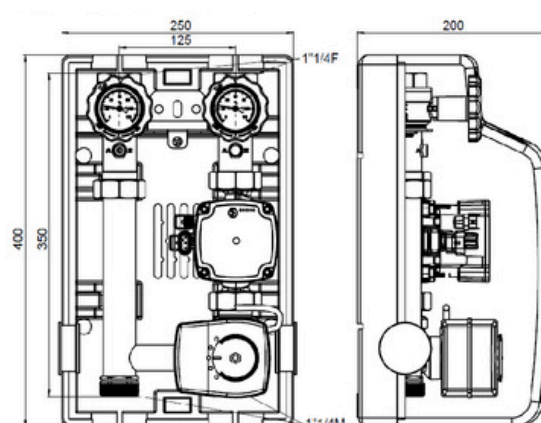
- 1) Generator return fitting
- 2) Insulating cover
- 3) Check valve
- 5) Heating return thermometer
- 6) Heating return valve
- 7) Heating supply valve
- 8) Heating supply thermometer
- 10) Heating circulation pump
- 11) Mixing valve
- 12) Mixing valve motor
- 13) Generator supply fitting

Dimensions

DIRECT GROUP – DN32



MIXED GROUP – DN32



Accessories



MOTOR

MOTOR NVM08 - 230V - 3 pt.
(Code: R3005208)
MOTOR NVM07 - 24V - 0-10V
(Code: R3005207)



UPM3 HYBRID CIRCULATION PUMP

Circulator UPM3 HYBRID 15/70 - 25/70
(Cod. CF105079)



THERMOSTATIC MIXING VALVE

Thermostatic Mixing Valve VTA 572 20-55 °C / 10-30 °C
- Cod. 50105119: DN20
- Cod. 50105103: DN25
- Cod. 50105120: DN32



MIXING VALVE ACTUATOR

Mixing valve actuator, Mod. ARA500 3 points, 230 V - 0-10 24v
(Cod. 83005502)

Certifications

Product compliant with:
- EN 16297-2 / EN 16297-3:2012 ErPReady
- PED Directive - 2014/68/EU

