



### Function

The NOVAZONE DM fixed-point mixing module ensures the correct flow rate of the heat transfer fluid and adequate head pressure in all heating systems that require additional performance beyond the boiler circulator. It also allows for the adjustment of the supply temperature to the heating zones independently from the generator's supply temperature. The integrated hydraulic separator guarantees hydraulic separation between the generator and the heating zones, making them hydraulically independent.

### Technical data

Nominal diameter	DN15
Maximum pressure	PN10
Maximum operating temperature	95°-110° peak
Minimum operating temperature	+5°C
Fluid	Water – water/glycol mix max 30%
System-side valves	DN20
Non-return valve op.pressure	$\Delta P: 2\text{kPa}$ (200 mm approx)
Overall dimensions	450 x 500 x 160 mm
Protection rating	IPX0D
Pipes	Copper $\varnothing$ 18 mm
Generator connection	3/4" M
Center distance	320 mm
Heating connections	3/4" F
Center distance	70 mm
Circulator	Grundfos UPM3 Hybrid 15-70 ErP Ready
Maximum flow rate	2,100 l/h
Maximum power	35 kW
Residual head at 1,000 l/h	6.4 m.w.c.
Single unit power consumption	Max 52 W
Thermometers	0-160°C

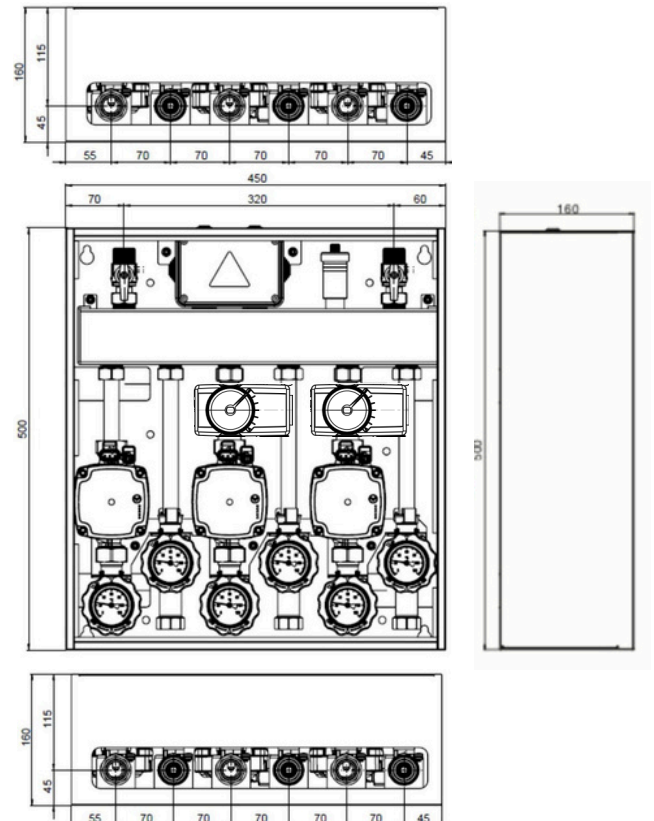
### Mixed zone

Mixing valve	Mod. VTA 372 - 1" M
Mixing valve actuator	20° - 55° - Kws 2,3
Maximum flow rate	1300 l/h
Maximum power	14kW
Residual head	3,8 m.w.c.
Power consumption	max 52W

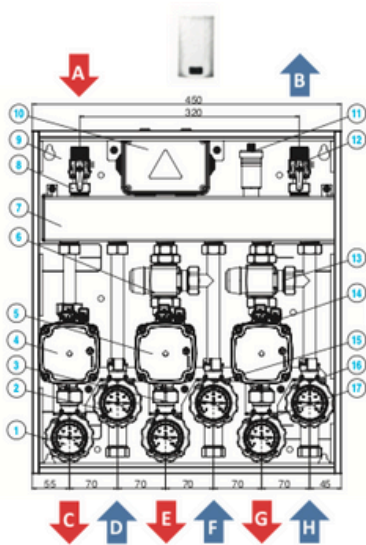
### Materials

Pipes	Copper
Insulation	FE painted
Collector	FE painted
Circulators	Cast iron
Components	Brass/CW617N

### Dimensions



## Composition



- 1) Supply valve zone 1
- 2) Return valve zone 1
- 3) Supply valve zone 2
- 4) Circulator zone 1
- 5) Circulator zone 2
- 6) Thermostatic mixing valve zone 2
- 7) Hydraulic separator
- 8) Generator supply valve
- 9) Metal casing
- 10) Electrical junction box
- 11) Automatic air vent
- 12) Generator return valve
- 13) Thermostatic mixing valve zone 3
- 14) Circulator zone 3
- 15) Return valve zone 2
- 16) Supply valve zone 3
- 17) Return valve zone 3

- A) Heat generator supply
- B) Heat generator return
- C) Heating supply direct zone 1
- D) Heating return direct zone 1
- E) Heating supply direct zone 2
- F) Heating return direct zone 2
- G) Heating supply direct zone 3
- H) Heating return direct zone 3

## Certifications

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



## Accessories



### CIRCULATOR UPM3

CIRCULATOR UPM3 HYBRID 15/70 - 130  
(Cod. CF105336)



### THERMOSTATIC MIXING VALVE

THERMOSTATIC MIXING VALVE VTA 372 20-55 °C  
(Code 50105119)



### RED AND BLUE HANDLE

- 3/4M x 3/4F RED HANDLE (Cod. 10305138)
- 3/4M x 3/4F BLUE HANDLE (Cod. 10305142)



### BLU VALVE

DN20 QUICK CONNECT VALVE x 3/4" F HANDLE WITH BLUE THERMOMETER  
(Code 10405012)



### RED VALVE

DN20 1" F x 3/4" F VALVE HANDLE WITH RED THERMOMETER  
(Code 10405011)