



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 |

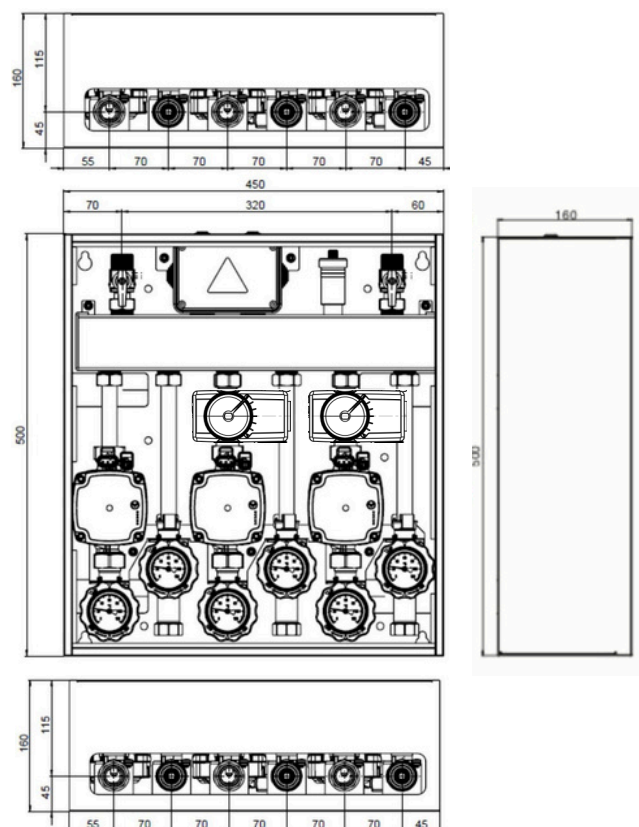
Mixed zone

| | |
|-----------------------|---------------------|
| 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 |

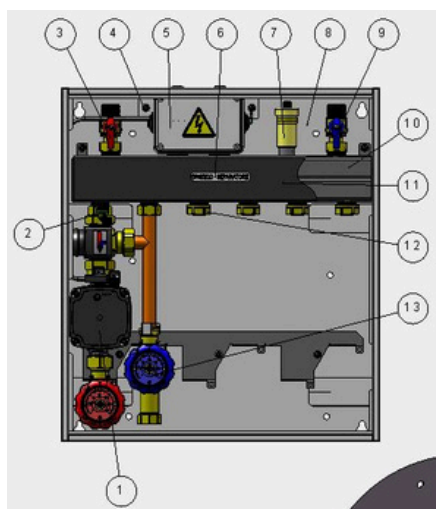
Materials

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

Dimensions



Composition



- 1) Thermostatic zone
- 2) Gasket
- 3) Valve fitting 1227 3/4" x 3/4"
- 4) Flanged hex nut
- 5) Novazone wiring
- 6) Separator label
- 7) Automatic air vent
- 8) Novazone 3-zone casing
- 9) Valve fitting 1227 3/4" x 3/4"
- 10) 3-zone manifold/separator
- 11) Adhesive EPDM insulation
- 12) Cap
- 13) Thermometer

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)

Certifications

Product compliant with:

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

