Nikola Parapunov 3а/33
+389 2 3079 286
contact@ales.com.mk
www.ales.com.mk

Electric boilers

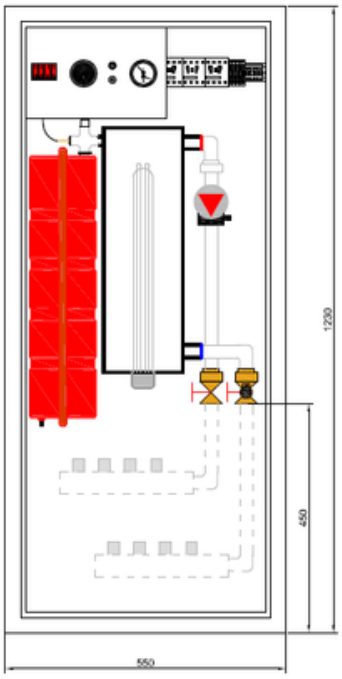
In-wall mounted Monoblock (with additional space for manifolds)



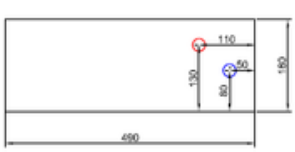
The MONOBLOCK series of electric boilers are manufactured with power ratings from 6 kW to 27 kW. This type of electric boilers comprise of a pump, air vent valve, safety valve, water inlet/outlet valve and three-pole control thermostat that gradually switches the heaters according to temperature setpoint.

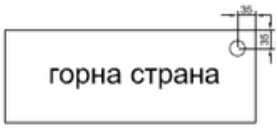
The electric boiler can be used as a main or auxiliary heat source for residential, business and industrial facilities. This type of electric boilers are meant to be installed inside a wall and provide an additional space for manifolds in order to achieve a compact design at the place of installation. They provide water inlet/outlet connections at the bottom however by customer's choice the connections may be manufactured as bottom-right or bottom-left. Тие се произведуваат со простор за колектори се со цел целата инсталација да биде сместена во еден ормар (касета). The cable inlets are placed according to the water inlets'/outlets' position.

Dimensions





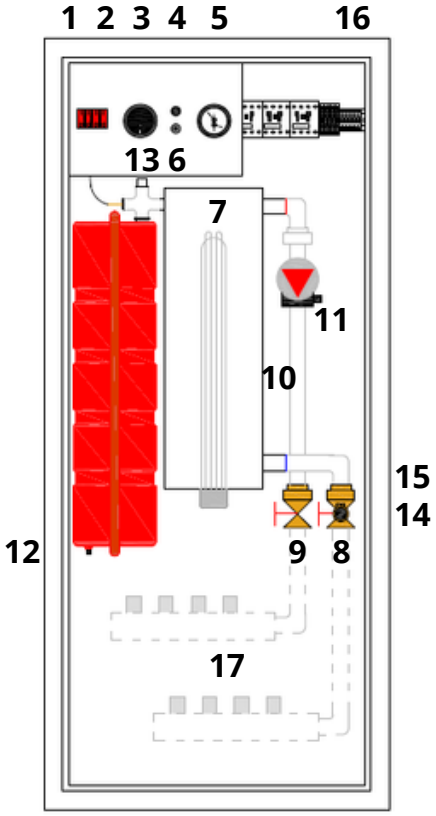




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Components





1. Pump switch (main switch)
2. El. heaters switches
3. Control thermostat
4. Safety thermostat
5. Thermomanometer
6. Fuse 5 A
7. El. heaters
8. Inlet valve

9.Outlet valve
10.Tank
11.Pump
12.Expansion tank
13.Air vent valve
14.Water filling valve
15.Safety valve
16.Thermostat cable & power cable inlet
17.Manifolds space



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Technical specification

Power	6 kW	8 kW	9 kW	12 kW	18 kW	24 kW	27 kW
Voltage	380 V AC, 50 Hz						
Current	9 A	12 A	14 A	18 A	27 A	37 A	41 A
Circuit breakers sizing	16 A	16 A	16 A	25 A	32 A	40 A	50 A
Cable sizing	5x2.5mm²	5x2.5mm²	5x2.5mm²	5x4mm²	5x4mm²	5x6mm²	5x6mm²
Number of switching degrees	1	1	1	3	3	3	3
Maximum operating pressure	2.2 bar						
Minimum operating pressure	1.2 bar						
Maximum operating temperature	80 °C						
Safety valve	3 bar						
Water inlet/outlet size	1"	1"	1"	1"	1"	5/4"	5/4"
Tank size	13 l						
Expansion tank size	8 l	8 l	8 l	10 l	12 l	12 l	12 l
IP protection	IP 40						
Efficiency	99 %						
Weight (without water)	35 kg	35 kg	35 kg	36.5 kg	38.4 kg	38.9 kg	39.9 kg
Dimensions (WxLxH)	490 x 180 x 1170 mm						