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Electric boilers

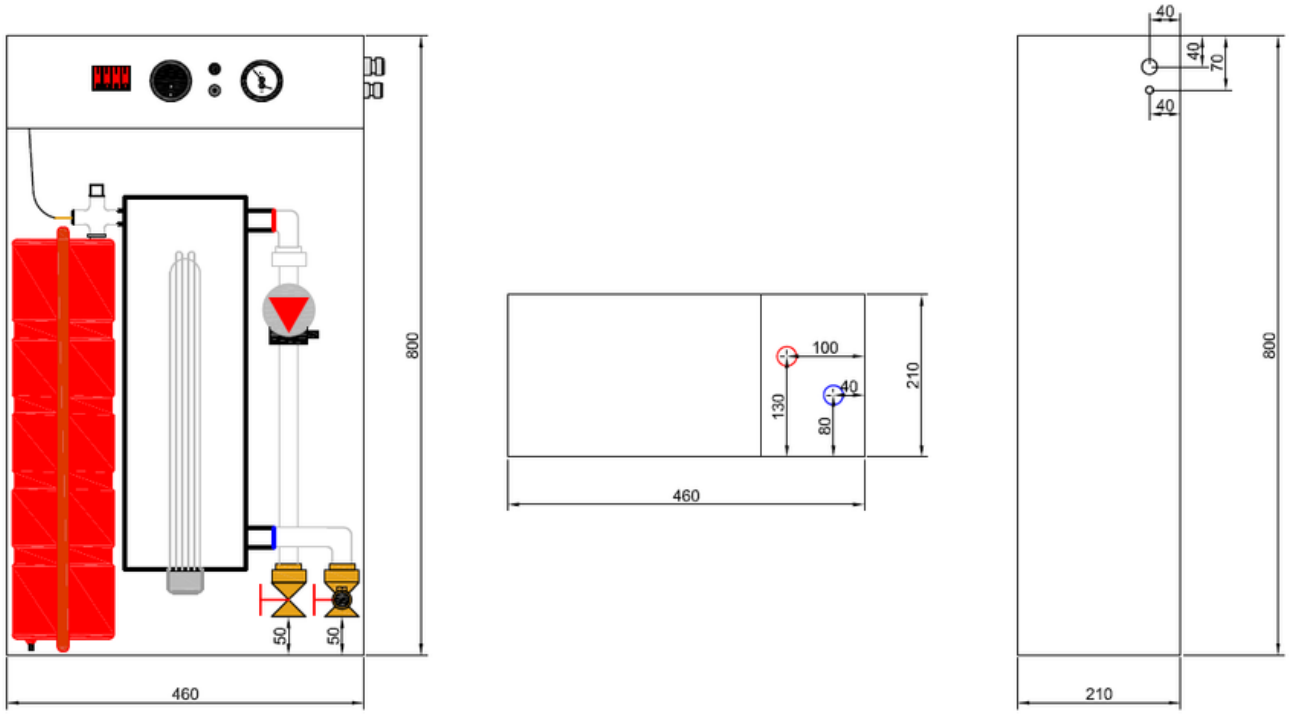
On-wall mounted Monoblock



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 on a wall and 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.

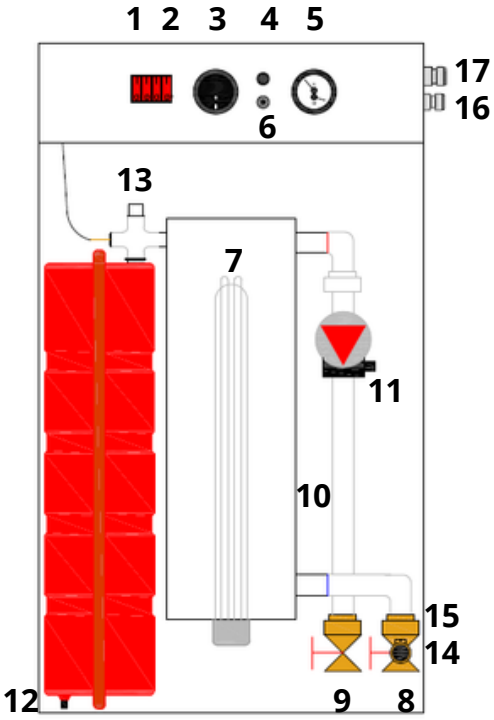
Dimensions



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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 inlet
17. Power cable inlet



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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)	30.3 kg	30.3 kg	30.3 kg	31.8 kg	32.9 kg	33.5 kg	34.5 kg
Dimensions (WxLxH)	460 x 210 x 800 mm						