

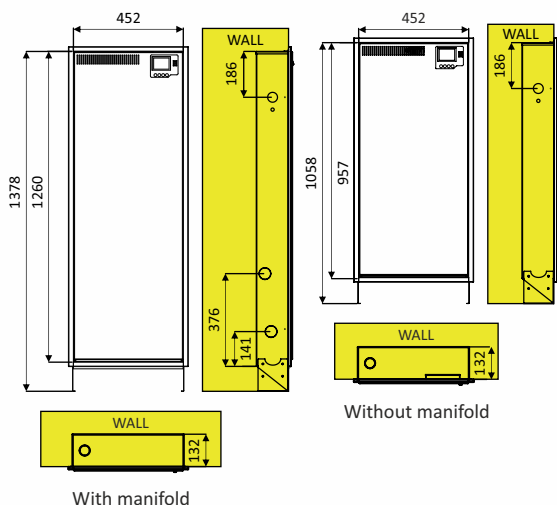
eCompact Uz

BUILT-IN ELECTRIC BOILER 6 - 16 kW

To save space and 'hide' heating technology in an apartment or smaller space, we present to you a built-in electric boiler for radiator or underfloor heating. The **eCompact Uz** electric boiler is housed in a wall-mounted cabinet and can be ordered in two versions: with or without a place for a radiator/underfloor heating manifold. If the boiler is ordered with a place for the manifold, a collector/distributor for up to 7 circuits for radiator or underfloor heating can be installed in that place, so an additional cabinet is not needed. If the system needs to be expanded with additional built-in cabinets, this can be done through side openings on the housing, so all pipes can be hidden. The boiler contains a processor unit that controls and manages the operation of the boiler. Adjusting and monitoring all important parameters is facilitated via an LCD screen, where you can currently monitor temperature, power, and pressure. In addition to current parameters, the screen also displays set values. Inside the boiler, there is a high-efficiency pump, safety valve, pressure sensor, filling and draining valve, and a 10-liter expansion tank. The boiler can be set to operate at up to 6 power levels. The elegant exterior design and easy access to internal parts represent a significant advantage over other boilers on the market. In addition to mechanical protection, electronic protection is also provided, which cuts off the phase supply to the heaters in case of exceeding the set or maximum allowable temperature, as well as in case of too high or insufficient pressure in the system. All operating errors are recorded in its internal memory, making the work of service technicians significantly easier. This built-in electric boiler has found great application in residential construction where every centimeter of space is important. A major advantage over other heating sources is that there is no need for a chimney or additional air supply.



DIMENSIONS OF THE ELECTRIC BOILER



The layout of the LCD screen with functions

TECHNICAL SPECIFICATIONS

| eCompact Uz | | 6 | 9 | 12 | 16 |
|---|--------------------|----------------------------|---------|--------|---------|
| Heating groups | (kW) | 3 x 2 | 6 x 1,5 | 6 x 2 | 6 x 2,7 |
| Minimum power | (kW) | 2 | 1,5 | 2 | 2,7 |
| Maximum power | (kW) | 6 | 9 | 12 | 16 |
| Main fuses required for three-phase power supply | (A) | 3 x 16 | 3 x 25 | 3 x 25 | 3 x 32 |
| Main fuses required for single-phase power supply | (A) | 1 x 32 | 1 x 50 | - | - |
| Power cable required for three-phase power supply | (mm ²) | 5 x 2,5 | 5 x 2,5 | 5 x 4 | 5 x 4 |
| Power cable required for single-phase power supply | (mm ²) | 3 x 4 | 3 x 6 | - | - |
| Connection to the electrical network | (-) | 2 sides - top, left | | | |
| Connection to the hydraulic installation | (-) | G 3/4" from the bottom | | | |
| Pump | (-) | High-efficiency pump | | | |
| Expansion tank | (l) | 10 | | | |
| Safety valve | (-) | Integrated | | | |
| Boiler drain valve | (-) | Yes | | | |
| Boiler weight without water (without and with manifold) | (kg) | 28/30 | | | |
| Boiler temperature regulation range | (°C) | 10 - 80 | | | |
| Safety thermostat | (°C) | 95 | | | |
| Min. max. working pressure | (bar) | 0,3 - 2,6 | | | |
| Degree of protection | (IP) | IP 20 | | | |
| Processor unit | (-) | Yes | | | |
| Single-phase connection | (-) | Yes | Yes | No | No |
| Three-phase connection | (-) | Yes | Yes | Yes | Yes |
| Dimensions (without and with manifold) HxWxD | (mm) | 957x452x132 / 1260x452x132 | | | |

! **Warning:** When connecting the device to single-phase power, be sure to consider the technical conditions.

CROSS-SECTION OF THE ELECTRIC BOILER

