

# EKCO.MN3

# EKCO.M3



## Most important advantages

Optimal Utilization of PV Installation Energy

- Charging of the hot water tank or central heating buffer outside of schedule with limited power
- Energy meter and excessive consumption prevention
- Weather-based controller with automatic response to outdoor temperature changes ensures the most energy-efficient operation
- Ability to program room temperatures on daily and weekly cycles
- Option to regulate water temperature in the domestic hot water tank and activate the circulation pump according to set daily and weekly programs

Versatility and Efficiency

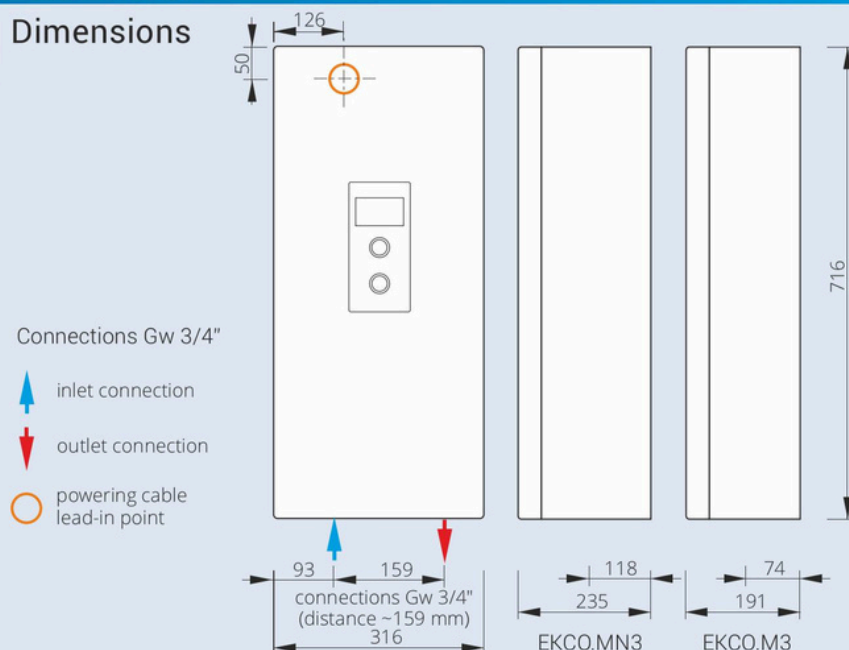
- Compatible with any central heating system and domestic hot water exchanger
- Circulation pump, 5-liter diaphragm expansion vessel (EKCO.MN3), and necessary safety equipment included
- Low heating costs thanks to heat accumulation during cheap energy tariffs - cooperation with central heating buffer when using appropriate modules (see additional equipment)

Advanced Features

- Outdoor weather sensor and indoor room sensor included
- Possibility to expand the system with additional heating circuits (C.MG3 modules)
- Cascading capability for multiple units
- Remote operation via internet using a dedicated application (with additional C.MI2 module)

## Weather-Compensated Boilers Designed for Integration with Photovoltaic Systems

## Dimensions



## Additional equipment

Product code	Photo	Description
C.MI2		The C.MI2 internet module enables remote control of boiler operation via the internet using a computer, tablet, or smartphone. Control is facilitated through a dedicated application (Android/iOS) or a web browser, ensuring easy and intuitive operation while leveraging all advanced features of the M3 controller.
C.MG3		The C.MG3 module, when connected to a central heating boiler and a 3-way mixing valve with an actuator, allows for the control of an additional heating circuit (e.g., underfloor heating or the discharge of a central heating buffer). The system can manage up to 24 heating circuits (24 C.MG3 modules). A WE-019/01 temperature sensor is included in the set.
CZUJNIK WE-019/01		Temperature sensor in DHW cylinder
ZAWÓR.KOT.VC6013		Three-way valve - 3/4" for the co-operation with DHW cylinder

## Technical data

Product code	Rated power	Rated voltage	Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )
EKCO.MN3 - 04/06/08	2/4/6/8 kW	230V~	8,7/17,4/26,1/34,8	3 x 2,5/2,5/4/6
EKCO.M3 - 04/06/08	4/6/8 kW	400V 3~	5,8/8,7/11,6	5 x 2,5/2,5/2,5
EKCO.MN3 - 12/16/20/24	12/16/20/24 kW	400V 3~	3 x 17,4/23,1/28,8/34,6	5 x 2,5/4/4/6
EKCO.M3 - 12/16/20/24				

\* Detailed warranty conditions are described in the warranty card