

Electric boilers



FLEXIHEAT UK LTD
www.flexiheatuk.com
01202 822221

FHMN3

FHM3



Product advantages

Optimal utilization of PV Installation Energy



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

Versatility and Efficiency

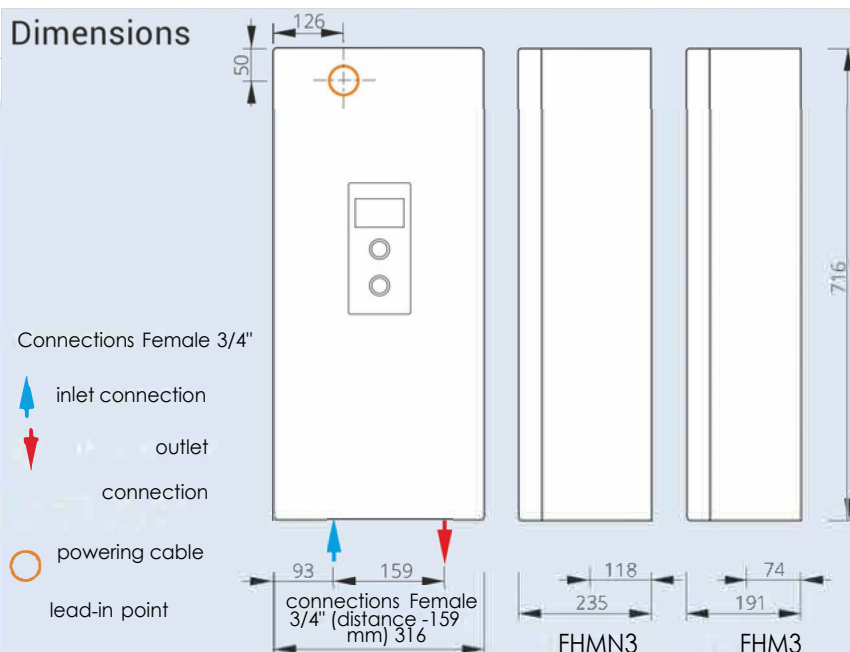
- Compatible with any central heating system and an indirect domestic hot water cylinder
- Circulation pump, 5 litre heating expansion vessel (FHMN3 models), and necessary safety equipment included
- Low heating costs thanks to heat accumulation during cheap energy tariffs – cooperation with central heating buffer tank when using appropriate modules (see additional equipment)

Versatility and Efficiency

- Outdoor weather sensor and indoor room sensor included as standard
- Possibility to expand the system with additional heating circuits (FHC.MG3 modules)
- Cascading capability for multiple units
- Remote operation via internet using a dedicated application (with additional FHC.M12 module)

Weather-Compensated Electric Boilers Designed for Integration with Photovoltaic Systems

Dimensions



Additional equipment

Product code	Photo	Description
FHC.M12		The FHC.M12 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.
FHC.MG3		The FHC.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 FHC.MG3 modules). A FHWE-019/01 temperature sensor is included in the set.
FHWE-019/01		Temperature sensor for a DHW cylinder
FHKOT.VC6013		Three-way valve - 3/4" for the co-operation with DHW cylinder

Technical data

Product code	Heating output	Rated voltage	Rated electrical demand (A)	Minimal wires cross-section (mm ²)
FHMN3 - 04/06/08 FHM3 - 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
	4/6/8 kW	400V 3~	5.8/8.7/11.6	5 X 2.5/2.5/2.5
FHMN3 - 12/16/20/24 FHM3-12/16/20/24	12/16/20/24 kW	400V 3~	3 X 17.4/23.1 /28.8/34.6	5 X 2.5/4/4/6