FoxTOUCH

FoxAIR heat pump controller

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FoxTOUCH

Installation controller for
heating systems with heat pump

The **FoxTOUCH** controller **is designed for controlling heating installations and heat sources such as heat pumps, gas, oil and electric boilers.** Control of hybrid solutions.

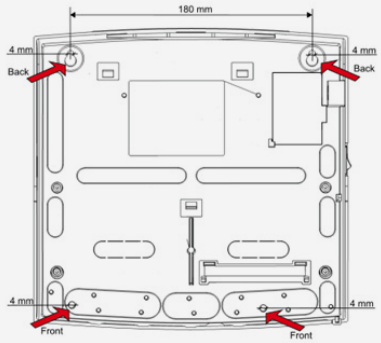
Functions:

- Control **of heat pump cascade**
- Quick and efficient configuration of the basic parameters as soon as the heat source and heating circuits are connected using the built-in **WIZARD Installation Assistant**
- Management of all heating circuits and option to expand with additional mixer circuits
- Weather-compensated control **(automatic temperature setting of the heating circuits according to the outside temperature)**
- Time schedules for set temperature reduction for circuits and ON/OFF time schedule for main heat source and domestic hot water tank
- Operation **of wireless and wired room thermostats of** each circuit
- Management of the installation from the ecoNET web-based system. **Remote updates and online service support.**
- Software update with microSDHC card

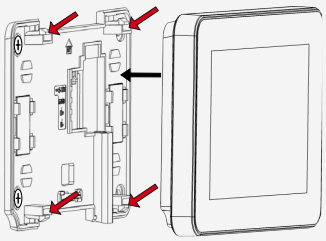
Technical data

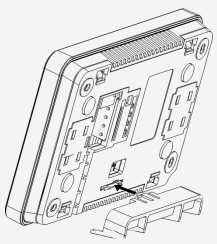
Power supply	230 V, 50 Hz / 0.04 A
Protection class of the module	IP 20
Operating temperature / Storage temperature	0...50°C/0...65°C
Module connectors	Screw terminals on the supply voltage side - 0.75...2.5 mm2 Screw terminals on the control voltage side - 0.14...1.0 mm2
Display	Colour, capacitive touchscreen, TFT 4.3" 480x272 pix,
External dimensions of the module	234x225x64 mm
Weight	1.2
Standards	PN-EN 60730-2-9, PN-EN 60730-1
Contamination degree	degree 2 according to PN-EN 60730-2-9
Installation method:	Wall-mounted, on a stand, with a magnet
Measuring range of temperature sensor type CT-10 / CT6-P; Accuracy	0...100°C / -40...+40°C; ±2°C
Panel dimensions	front: 144.4 /97.5 side: 21/10 rear: 136/89

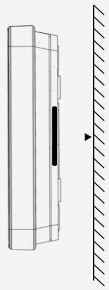
Panel and module



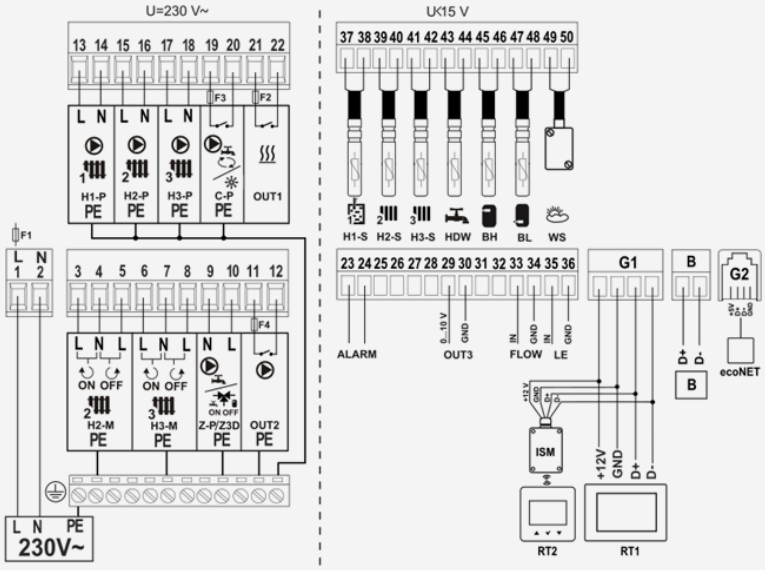
On the wall	On the stand	With magnet







Electrical connection



L N PE mains supply ~230 V,

F1 main internal fuse

H2-M actuator for controlled circuit 2

H3-M actuator for controlled circuit 3

Z3D 3-way valve domestic hot water buffer/tank (for heat pump only)

Z-P domestic hot water pump

OUT2 main heat source pump - potential-free contact, must be protected by an external fuse

F4 max. 3.15 A

H1-P water pump for direct (non-controlled) circuit

H2-P water pump for controlled circuit 2

H3-P water pump for controlled circuit 3

C-P circulator pump or circuit cooling (heat pump only) - potential-free contact and must be protected by an external fuse

F3 max. 3.15 A

OUT1 activation of the main heat source or activation of the circuit heating, but only for the heat pump - potential-free contact must be protected by an external fuse

F2 max. 3.15 A

H1-S water temperature sensor for direct (non-controlled) circuit type CT-10

H3-S water temperature sensor for controlled circuit 3 type CT-10

HDW temperature sensor for the domestic hot water tank type

BH upper temperature sensor for the buffer type CT-10

BL bottom temperature sensor for the buffer or the temperature sensor for the hydraulic coupling type CT-10

WS external (weather) temperature sensor type CT6-P

ALARM alarm detection from the heat pump (NO-NC contact)

OUT3 wyjście do modulacji mocy źródła ciepła/podłączenie sprężarki pompy ciepła

FLOW flowmeter

LE electricity meter

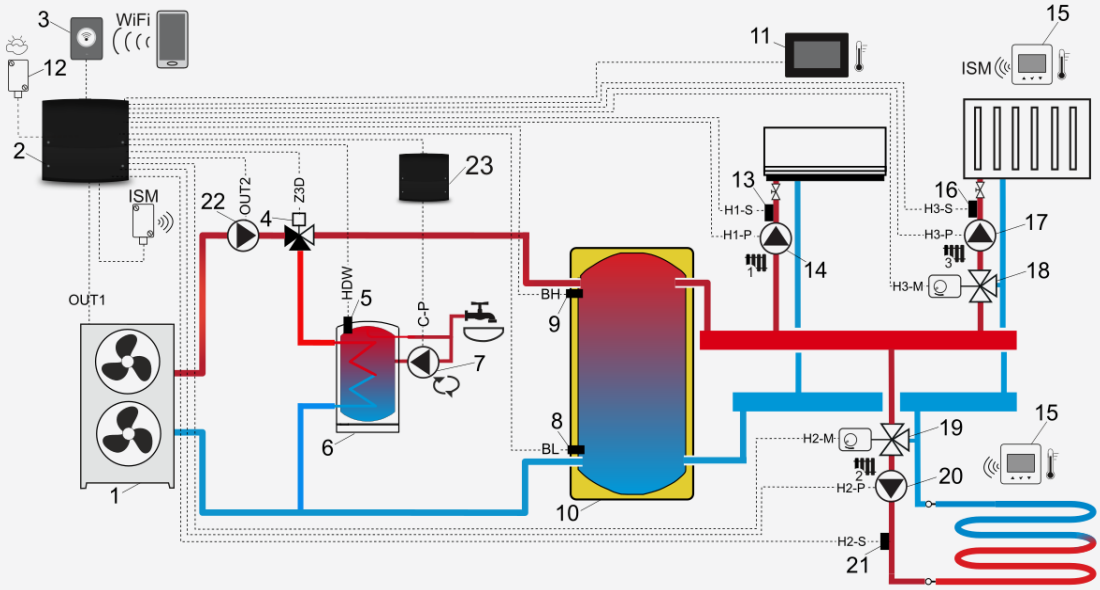
RT1 control panel with thermostat function

RT2 wireless thermostat xTherm 40r or wireless room temperature sensor xTherm 20r (radio module ISM_xSMART)

B additional module (expansion with additional controlled circuits)

ecoNET Internet module (optional)

Example diagram



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