

Vexve AM20-W

A wireless indoor-temperature-regulated controller for one circuit

A controller for one-family houses, with control via a wireless room unit

- suitable for controlling both radiator and floor heating systems
- thanks to a patented indoor temperature regulation system, no separate curves need to be set
- an eco function for easy energy-saving with one press of a button
- easy temperature adjustment in centigrade using the control wheel
- clear, illuminated, graphical LCD display
- easy installation without special tools

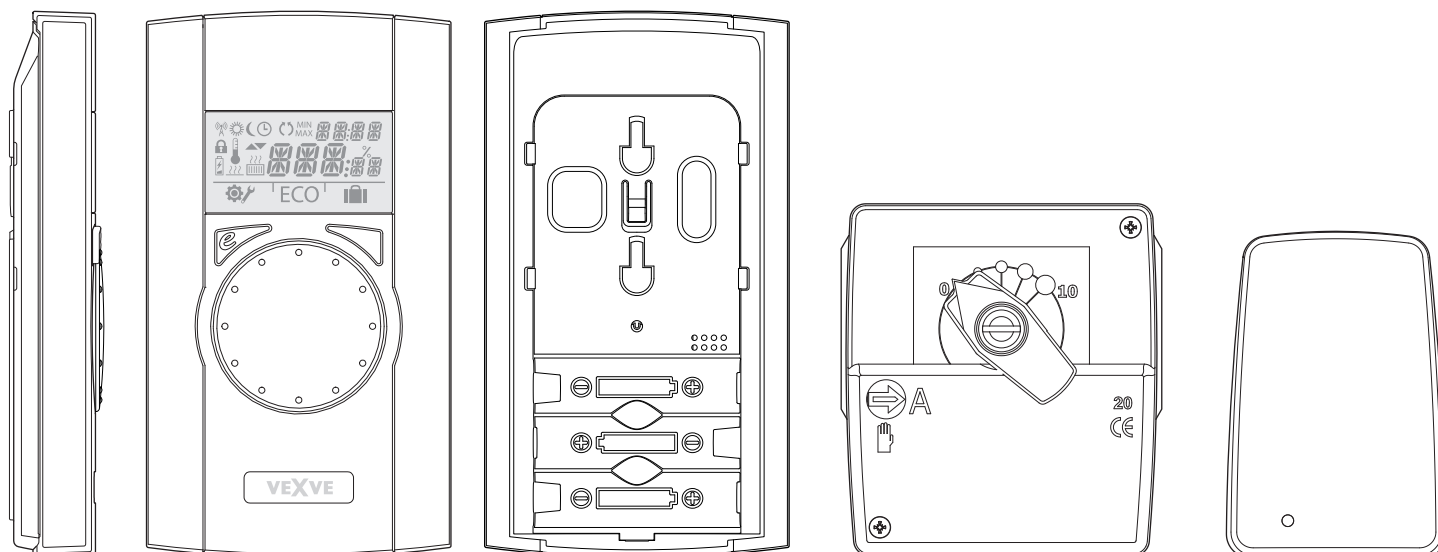
Features:

- automatic radio connection
- clock and weekly calendar
- weekly programming for weekdays and weekends
- valve sensitising function, once a week
- absence mode for holiday periods or intermittent use
- adjustable minimum and maximum values for supply water
- strength of the radio connection shown in clear percentages
- alarms for sensor or communication malfunctions, shown on the LCD display
- LCD display indication for when batteries need replacing
- internal memory to ensure settings are safe during battery replacement



Dimensions

	RU (room unit)	MU (motor unit)	AU (antenna unit)
Width	78 mm	77 mm	55 mm
Height	139 mm	90 mm	83 mm
Depth	23 mm	87 mm (with the manual handle installed)	15 mm



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Specifications

A room unit with an LCD display and temperature measurement

- wireless data transmission at 868 MHz radio frequency
- three AA alkaline batteries with a useful life of 2–3 years
- protection class IP21, ready for wall-mounting

Motor unit, 24 V AC, 140 S / 90 degrees

- protection class IP41
- handle for manual operation and mechanical position indication on the front plate

External power supply, 230 V AC, 50 Hz / 18 V AC, 200 mA

- with a 2-metre wire and DC plug connection to the motor unit

Antenna unit with 868 MHz transmission frequency

- with a 1.5-metre wire and RJ12 connection to motor unit; can be wall-mounted

Supply water temperature sensor, KTY type

- with a 1-metre wire and RJ11 connection to the motor unit; pipe ties supplied

Connection adapters for valves

- Vexve AM range and Termomix valves

The device meets the following environmental requirements and standards:

- operating temperature: 0...+40 °C
- storage temperature: –20...+60 °C
- transport temperature: –20...+60 °C
- humidity: 0–100 % RH, non-condensing conditions
- RoHS 2002/95/EC
- CE marking, 93/68/EEC
- EMC directive 2004/108/EEC
- LVD directive 2006/95/EC
- EN 60730-1:2000, general requirements for control equipment for household use
- EN 60730-2-9:2002, special requirements for heating controllers

In addition, the room unit meets the following requirements:

- EN 300-220-1, ERM (electromagnetic compatibility and radio spectrum matters)
- EN 301-489-1, ECM (electromagnetic compatibility requirements)

