

Airobot Ecosystem

Water heater and cooler

Up to 5 kW

Hydronic heating and cooling with circulation pumps or valves. Ensures efficient temperature control and is managed through the VC-EXT module for valve or pump operation.

Dual-zone ventilation dampers

Dual-zone ventilation dampers

Motorized dampers for zonal air distribution. Reduce noise and energy use by ventilating only where it's needed. Connected to the VC-EXT module via a 4-core cable.

Supply air

Extract air

Measurement and analysis
of CO₂, temperature, humidity, PM2.5, and VOCs

VC-EXT (Ventilation extension module)

Extension module for zonal ventilation dampers or duct heater/cooler. Connects to the ventilation unit with a 1 m dedicated cable. Powered via EU socket (230 V, max 0.5 A).

Central humidifier

Up to 3 kg/h

A central steam humidifier connected to the supply air duct. Keeps indoor humidity at a healthy level during the heating season. Controlled via the ventilation unit with a 2-core cable. Powered separately (230 V, 16 A, EU plug).

Ventilation unit

An intelligent ventilation system with heat and humidity recovery. Automatically maintains healthy indoor air quality. The core of the ecosystem—connects with all devices, the cloud, and the app via LAN or Wi-Fi. Powered by 230 V, EU plug.

VE1 Ventilation unit controller

A wired control panel for the ventilation unit. Provides direct user control without the mobile app. Connects to the ventilation unit with a 4-core cable (3 m included).

Airobot App

Cloud connection
Network



Fan coil unit (external)

Water-based cooling fan coil for quiet and efficient room temperature control. Managed through the extension module.



HC-EXTC

Underfloor heating room controller extension module

Extension module for cooling fan coils. Connects to the room controller with a 0.5 m cable (included).



Underfloor heating



Underfloor heating

CO₂ measurement and analysis
in every room

Thermostats 230 V

Smart thermostats for underfloor heating control. Provide room-based temperature regulation and connect to the cloud. External relay available for electric underfloor heating.

Room controller + sensors 24 V

Zonal controller for underfloor heating and CO₂-based ventilation. Provides demand-driven ventilation and heating control for each room. LAN/Wi-Fi cloud connection. Sensors connect via 4-core cable.



Electric underfloor heating



Relay



Relay



Electric underfloor heating