

evoVENT MINI evoVENT NANO

controller for ventilation unit
with heat recovery



Why is it worth choosing the evoVENT controller?



reduce the production cost of the heat
recovery unit



introduce remote service management
and device updates with built-in Wi-Fi
and bluetooth



offer your installers easy device
connection with the Installation
Assistant and the evoNEXT application



connect heat recovery and heat pump
within one system



implement zone control; save energy
and enjoy fresh air according to real
demand

about evoVENT

The evoVENT controller is used to control elements of the ventilation system, ensuring high heat recovery efficiency and reducing operating costs. The controller monitors parameters in the ventilation circuits, signals alarms, and ensures the system's appropriate response. It comes in MINI and NANO versions, meeting the specific expectations of centralized ventilation system manufacturers.

ventilation control



panel LCD T5



simple control
panel SCP V

functions of the evoVENT

- the controller board with or without expansion module
- built-in support for stepper motor (evoVENT NANO) or in the expansion module (evoVENT MINI)
- configuration of inputs and outputs
- 5-stage defrosting algorithm for the heat exchanger

- DCV Demand Controlled Ventilation - cooperation with temperature, humidity, and air quality sensors
- CAV/VAV function for air flow control
- Modbus communication
- day/night zone control

controllers

ready to work with your ventilation

Key elements of the DCV system are controllers. Constant monitoring of temperature, humidity, and pollution levels allows adjusting the ventilation system's operation to specific conditions in each room.

- evoPRESS pressure difference sensor
- SRHT temperature and humidity sensor
- SCO2 carbon dioxide, temperature, and humidity sensor

evoNET Cloud internet-based system



remotely analyze historical data



eliminate errors in device installation using the Installation Assistant and installation log



empower users with control over energy bills with the HEMS Dynamic service



reduce service call costs by resolving issues remotely



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