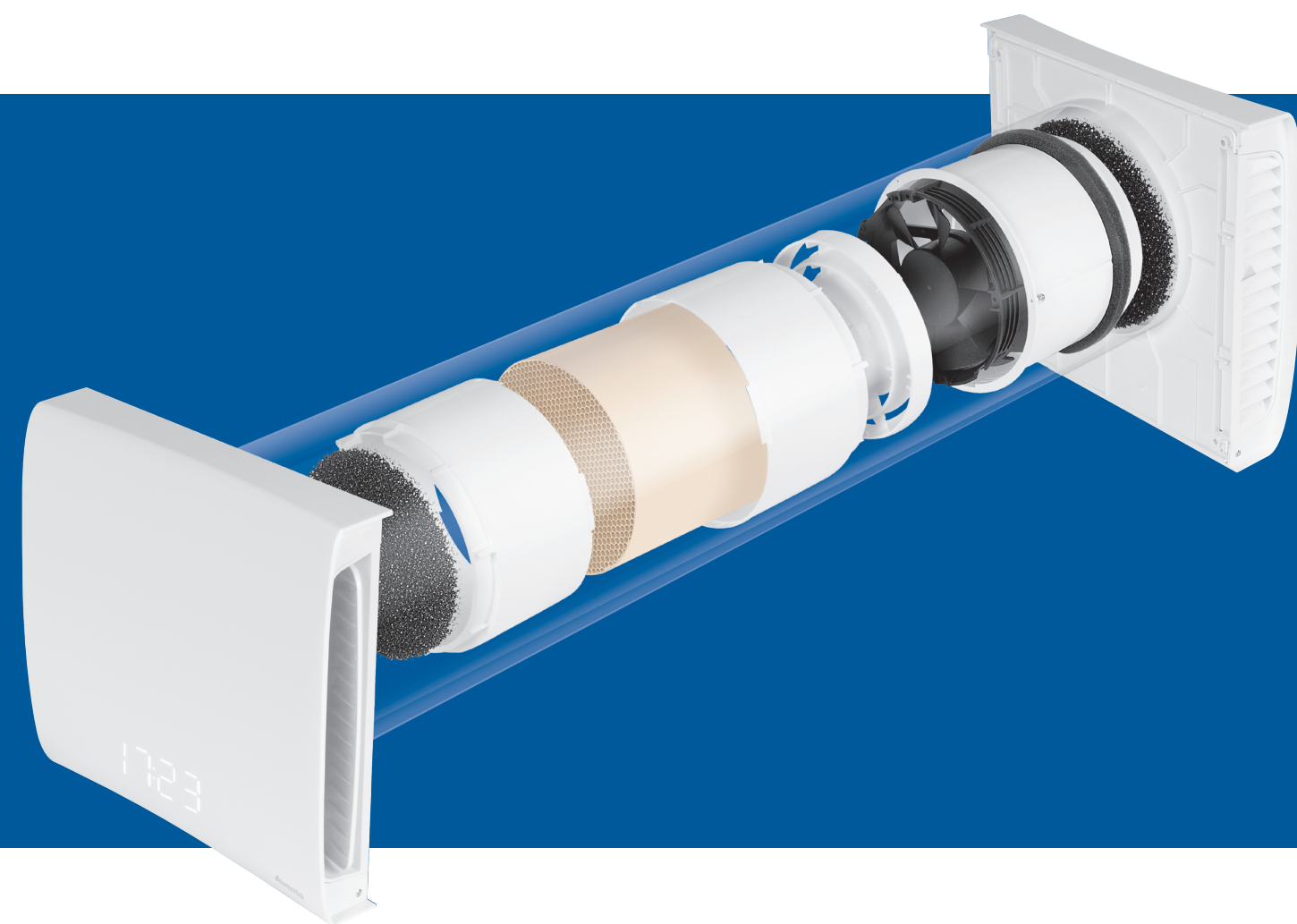


AHR160

Awenta Company presents the newest product of authorial construction – Decentralized ventilation unit with heat recovery – AHR160

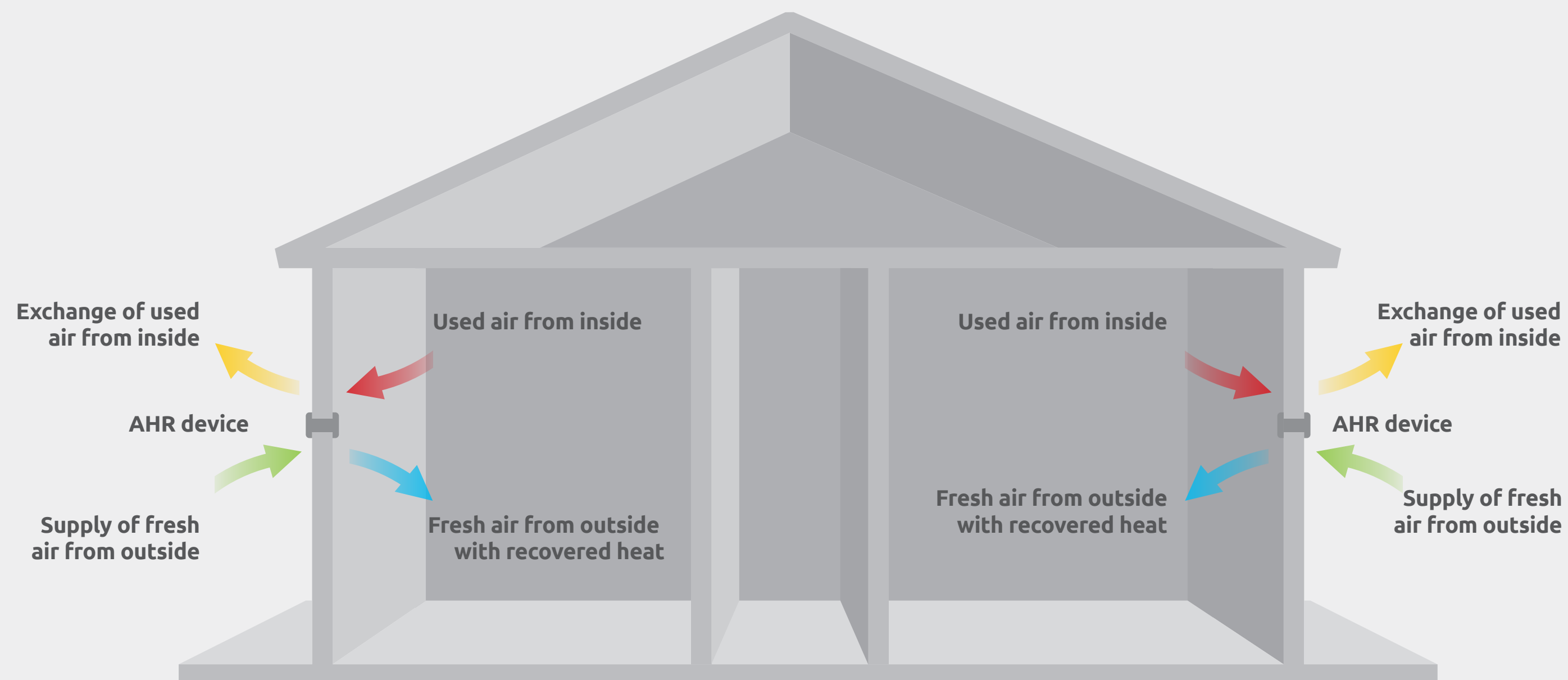
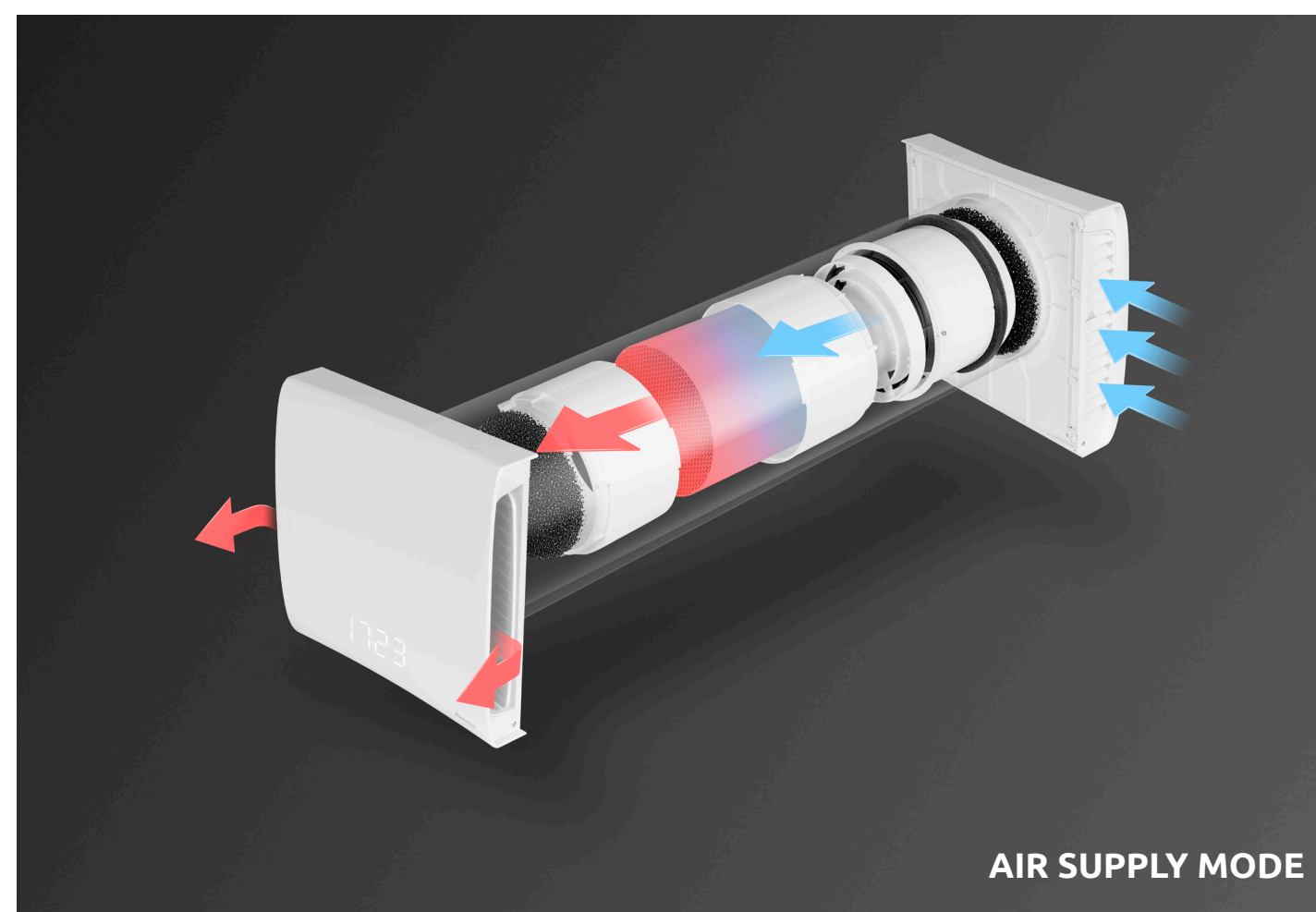
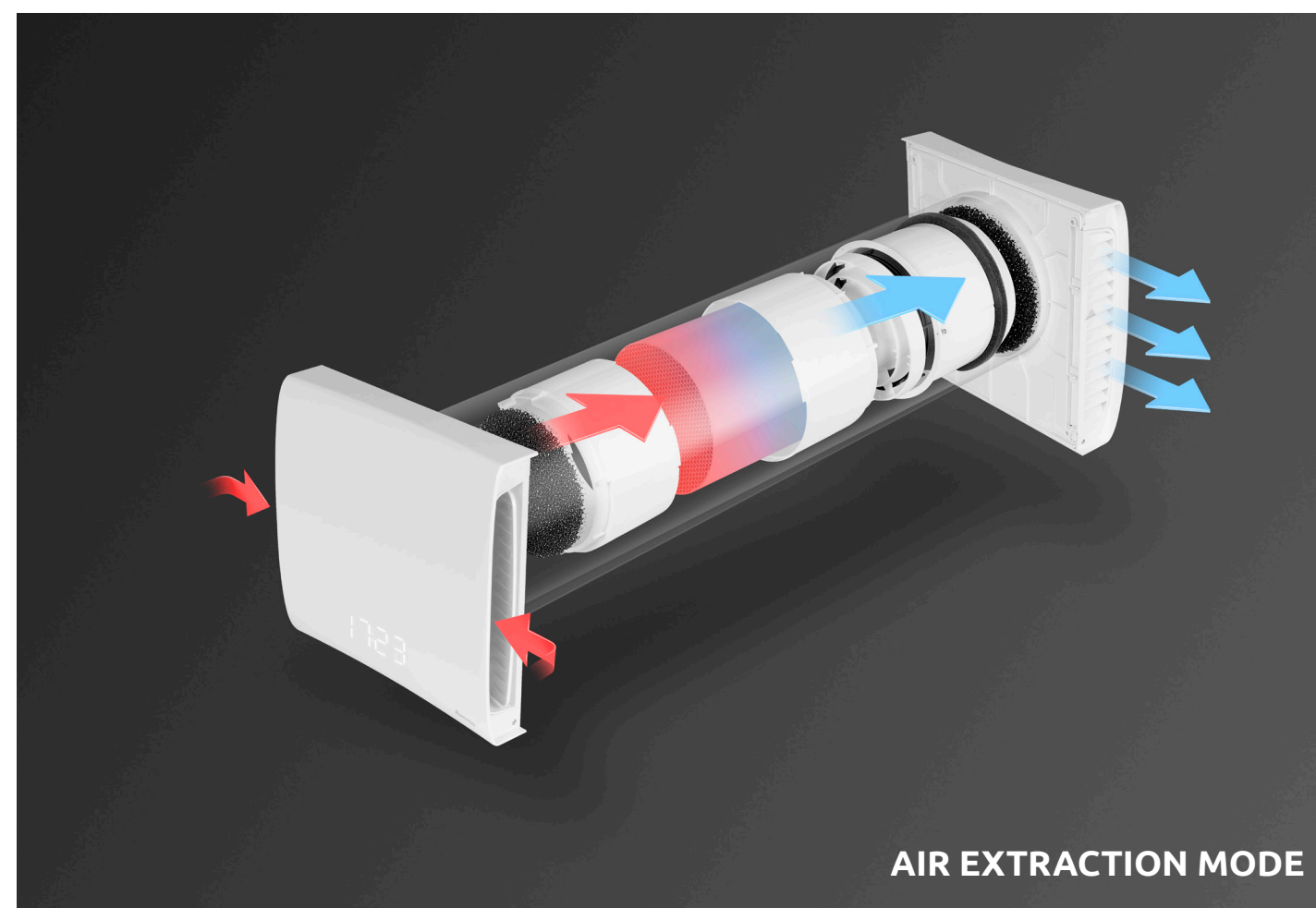


Benefits of usage of AHR160:

- Fresh air for your home
- Reduced costs of heating thanks to high thermal efficiency
- Protection against excess of humidity and mould
- Strict filtration of dust and impurities from the outside
- Energy-efficiency and low exploitation costs
- Different operating modes depending on conditions and needs
- Simple installation and usage
- Possibility to pair several AHR devices together



PRINCIPLE OF OPERATION



AHR is a new generation of decentralized ventilation devices facilitating ventilation while reducing heat loss. Thanks to the use of an accumulation heat exchanger, the AHR retains and stores heat energy to transfer it to the cooler, supplied air. The applied electronics control the operation of the device and adjusts its parameters depending on the conditions in the room where the AHR is installed.

In addition, the AHR series has possibility to pair multiple devices thanks to wireless communication. The optimal one-way operation time is determined by the temperature readings from sensors located upstream and downstream of the heat exchanger.

LED display



The display located on the front panel of the device indicates humidity level in the room, air temperature, airflow direction and speed.

Control

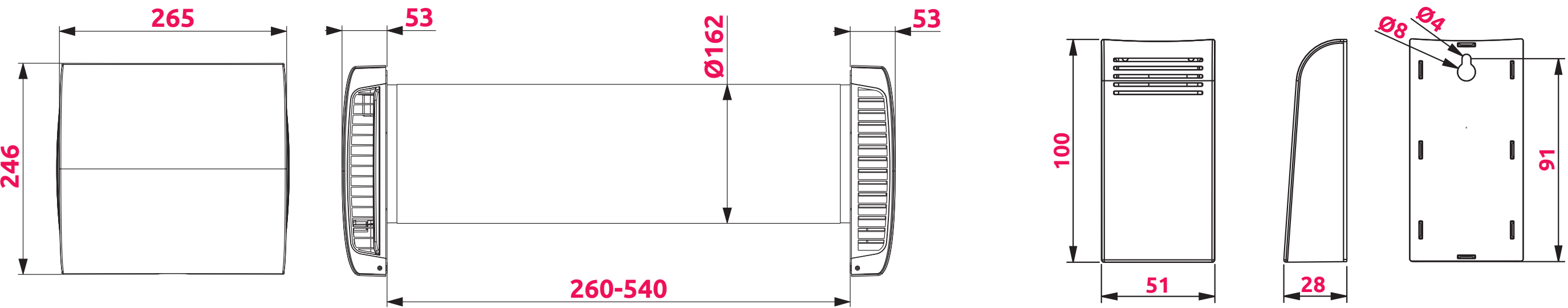


The device is controlled remotely. AHR160 had different operating modes that can be set depending on surrounding conditions: humidity level, temperature, part of a day, intensity and direction of the airflow or requested working time.

Parameters

1st speed	24 dB (A)	23 m³/h	4 W
2nd speed	34 dB (A)	36 m³/h	5 W
3rd speed	39 dB (A)	52 m³/h	7 W

Dimensions



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