

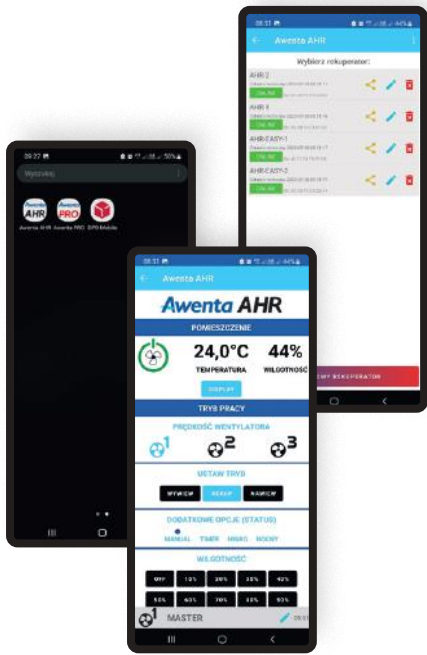
AHRE160 EASY

NOVELTY

AHRE160



Decentralized ventilation



Awenta AHR app available on **Android**.

With the mobile app you can remotely manage your AHR family fans and external temperature, humidity sensor* without the need for a remote control.

EASY TO USE

The simplified interface allows quick and easy management of the AHR160 Easy and external temperature and humidity sensor*.

I	24 dB (A)	23 m ³ /h	4 W
II	34 dB (A)	36 m ³ /h	5 W
III	39 dB (A)	52 m ³ /h	7 W

*optional product, sold separately

Functionality of the application:

Master mode

- Switching on / off
- Gear shift
- Recuperation mode
- Supply air mode
- Exhaust mode
- Night mode (OFF or 8h)
- Ventilation mode (OFF or 30min)
- Synchronised operation - info
- Time to filter change
- Reset time until filter change
- Info Master/Slave
- Info current gear

Slave mode

- Information on synchronisation operation
- Time until filter change
- Reset of time until filter change
- Info Master/Slave
- Info of current gear

EQUIPMENT



Wi-Fi



Terminal block

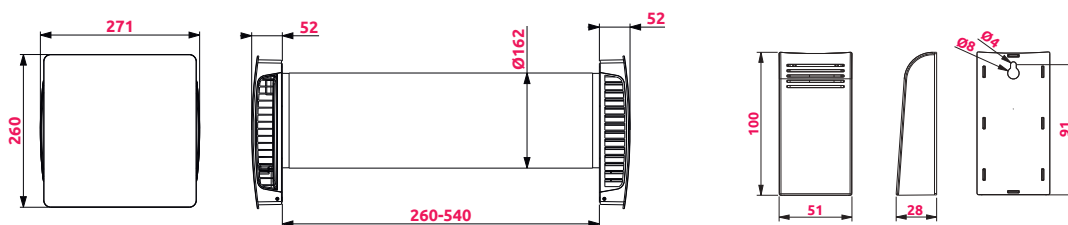


3 speed



Remote control

DIMENSIONS



BALL BEARINGS



4 RAWLPLUGS AND SCREWS



30 000 H



TIGHTNESS CLASS



1

The ceramic exchanger is the heart of the device and one of its most important elements. In AHR, a hexagonal exchanger was used, thanks to which one of the highest heat recovery rates in decentralized ventilation devices available on the market was obtained.



2

Duct was made of PVC with addition of silver ions to prevent proliferating of bacteria inside of it. Additional insulation was used to reduce condensation and heat loss.



3

Main components are made of ABS plastic with addition of UV stabilizer increasing resistance to sunlight.



4

Energy - saving brushless motor 24V DC.



5

The AHR is equipped with two air purifying filters.



6

The AHRE160 is equipped with an infrared remote control, enabling the device to be operated in the full range of changing operating modes, operating speed as well as switching on and off.



7

Automatic shutters that cut off the air flow when the device is turned off and a soundproofed internal panel increase the comfort of use.



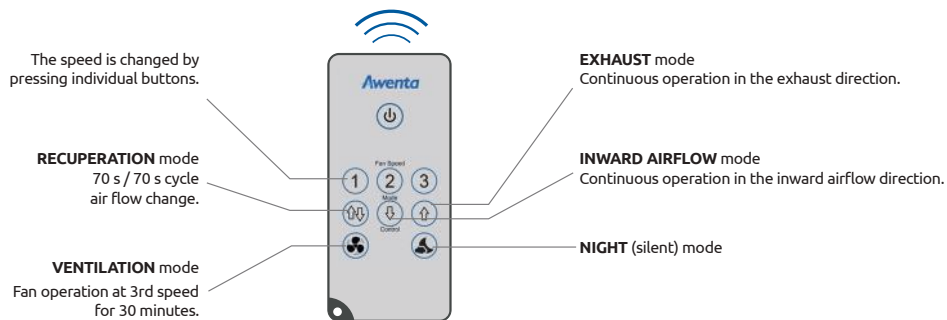
8

The wireless temperature and humidity sensor enables automatic operation of the device, which, based on the measurements, adjusts the operating speed. Sensor functionality available only via smartphone application.



For thick walls it is possible to obtain longer isolation duct AHR160KO-075 at length 750 mm.

*optional product, sold separately



RECUPERATION mode

The direction of airflow is changed every 70 seconds.



AIR SUPPLY / EXHAUST mode

Continuous operation in the inward or exhaust airflow direction at the room.



NIGHT (silent) mode

The night mode is activated for 8 clock hours, reducing the efficiency of the device



VENTILATION mode

Fan operation at 3rd speed for 30 minutes in the currently selected direction (mode)

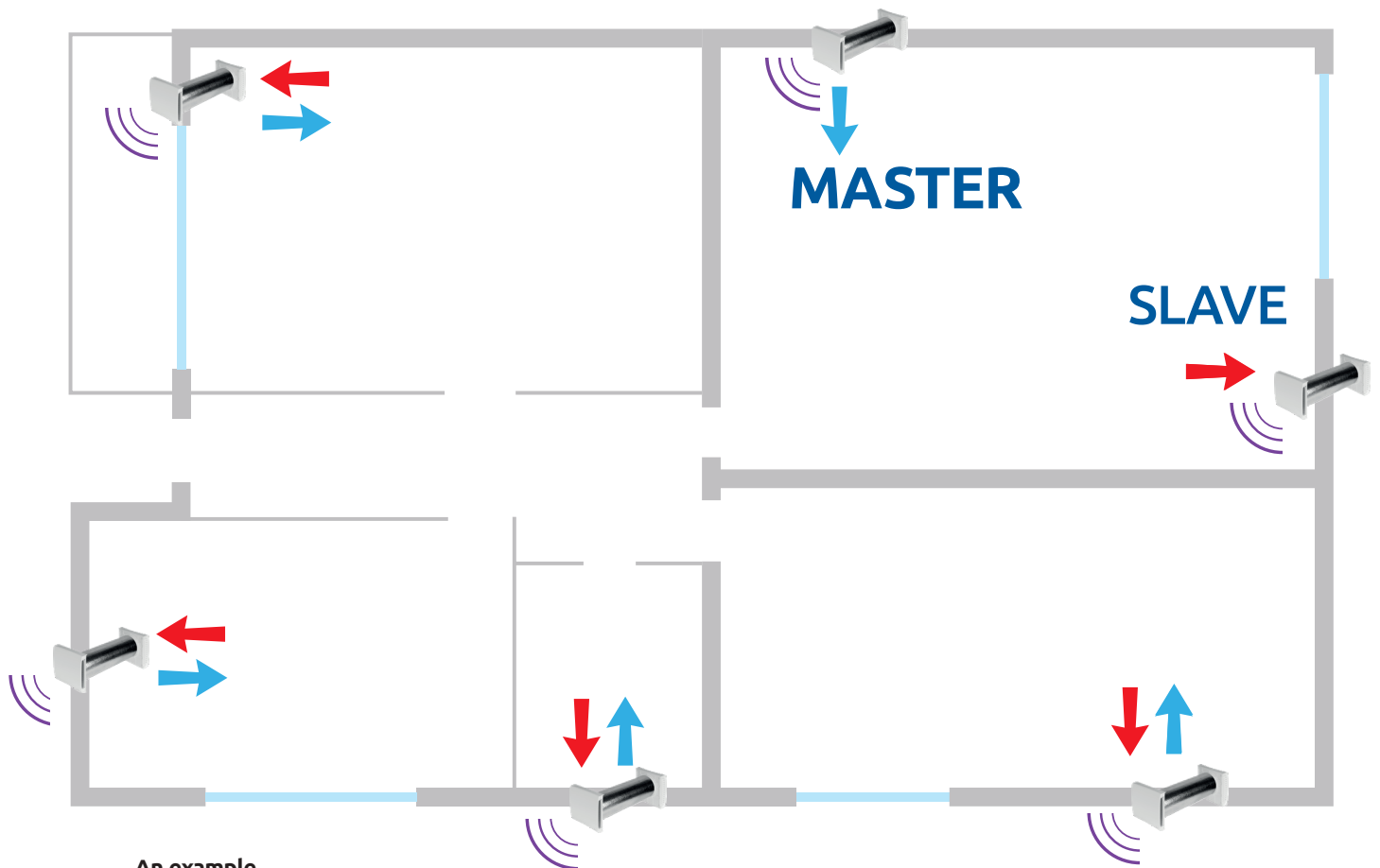
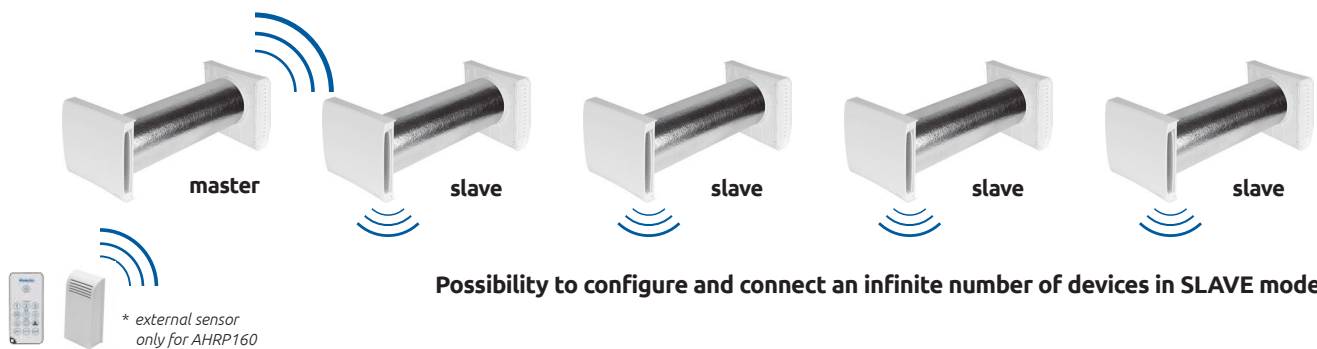
Switching off by pressing the remote control button again or when changing to a speed other than 3rd.

AHR160 PLUS, AHR160 EASY

AHRP160, AHRE160

The AHR series has the ability to connect several devices installed in one or more rooms with the possibility of pairing them via wireless communication. No hassle of connecting devices with a power cord. Connection

possible in various modes, e.g. both units only supply or only exhaust and alternate operation, one unit blows in and the other blows out.



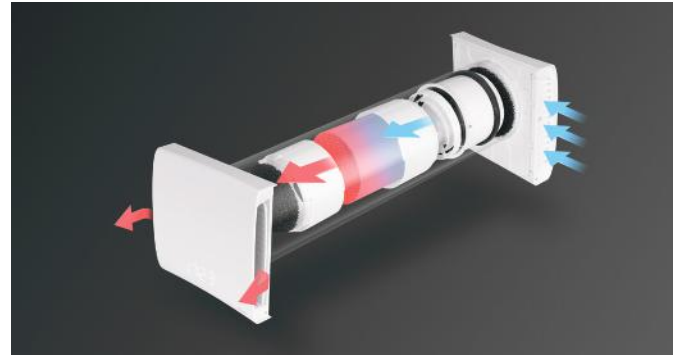
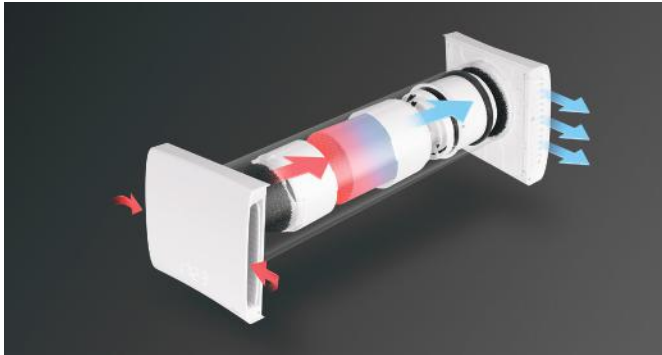
An example of AHR devices arrangement



30 000 H



TIGHTNESS CLASS



EXHAUST

During exhaust operation, the heat is stored in a ceramic heat exchanger. After the exchanger is completely warmed up, it automatically changes the direction of operation.

AIRFLOW

The heat accumulated in the exchanger is collected by the supply air stream and then transferred to the room. After the exchanger cools down, it automatically changes the direction of operation.

The optimal one-way operation time is determined by the temperature readings from sensors located upstream and downstream of the heat exchanger.

The principle of AHR devices operation

