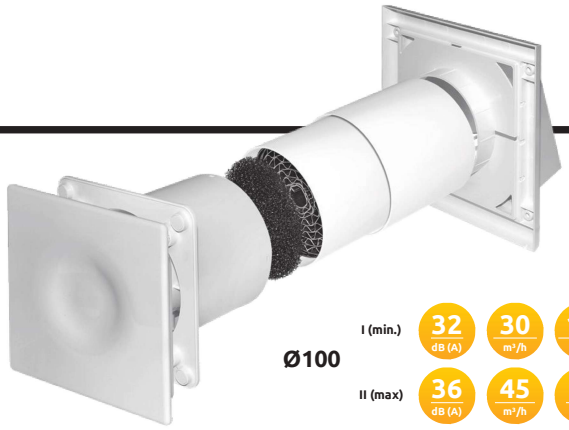
HRV

The HRV-series unit is equipped with an accumulating heat exchanger which retains and stores heat energy to transfer it to the air supplied from the outside. Thanks to this solution, the exchange of fresh air with a temperature close to the temperature prevailing in the room is possible.

Heat recovery gives the posibility to limit heat losses caused by room ventilation. The task of the recuperator is therefore to recover heat from the exhaust air from the room in which it is installed.



Ø100	I (min.)	32 dB (A)	30 m³/h	1,5 W
	II (max)	36 dB (A)	45 m³/h	2 W
Ø125	I (min.)	39 dB (A)	50 m³/h	3 W
	II (max)	42 dB (A)	70 m³/h	4,5 W

The heat exchanger is made of aluminium. This alloy is characterised by one of the best heat-conduction coefficients among metals. Its additional advantage is the lack of water absorption thanks to which fungi do not grow on the surface of the exchanger.

HRV-series recuperators are designed for continuous operation, because the device's energy-consumption level oscillates around 1.5 W – 4.5 W (depending on its size and operation mode). The unit is easy to install - without connecting ventilation ducts.

The system is additionally equipped with an air-cleaning filter which removes solid and liquid impurities.

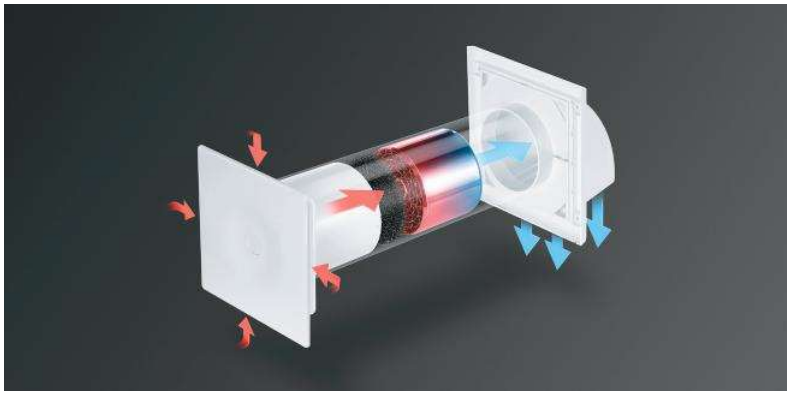
The fan, which is an integral part of the system, operates in two modes: air exhaust and supply - in cycles of sixty seconds. An additional advantage is the double-speed motor, and gears switching is done by pulling the chain located on the fan body (HRV100 / HRV125) or using the buttons on the remote control in versions with that function (HRV100P / HRV125P).

Versions with remote control (HRV100P, HRV125P) allow you to completely switch off the device without disconnecting it from the network.

30 000 H

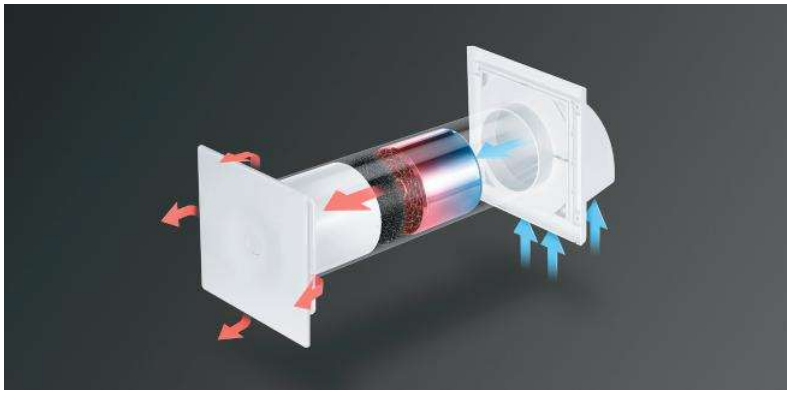
IPX4 TIGHTNESS CLASS

2 YEAR WARRANCY



Air extraction mode

The HRV recuperator is always switched on in exhaust mode. The air removed from the room after it is switched on transfers heat energy to the aluminium exchanger. After sixty seconds, the fan automatically switches to supply mode.



Air supply mode

The air supplied from outside is heated by the accumulated heat of the exchanger before it enters the room. Due to such action, the loss of heat is unnoticeable.

EQUIPMENT

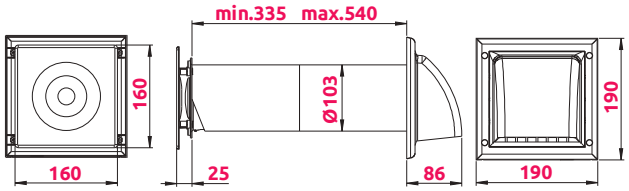
Terminal block

2 speed

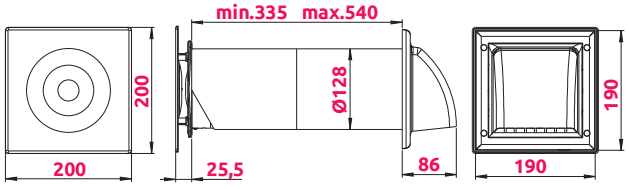
Remote control

DIMENSIONS

Ø100



Ø125



	INDEX			
ø100	HRV100	●		●
	HRV100P	●	●	●
ø125	HRV125	●		●
	HRV125P	●	●	●

BALL BEARINGS

8 RAWLPLUGS AND SCREWS