



# Fresh-r

Smart indoor  
air care

## Fresh-r Forward Specifications and Data

Smart measurement and control technology that passes the benefits of a Fresh-r on to other rooms.

Fresh-r keeps buildings comfortable and the air healthy, without wasting energy with demand-driven and balanced ventilation that fits into the façade.



### Key Features



Air quality is monitored by a CO<sub>2</sub> sensor and humidity sensor.



As soon as either the CO<sub>2</sub> level or the relative humidity level rises, the Fresh-r Forward ventilates the air out of the room towards the Fresh-r decentral heat exchanger, which will replace it with fresh air while keeping the warmth in.



A Wifi antenna passes the measured data on, for online insight into performance.



3 year warranty when WiFi connected. 2 year without WiFi connection



World champion in  
ventilation

## Technical Data

Heat exchanger	NONE
ErP label	A+
Controls	CO <sub>2</sub> / RH
Balanced	YES
Mounting	In inner wall
Core drill diameter	130 mm / 5.1 in
Tube length (wall thickness)	120 mm / 4.7 in
External dimensions (LxWxH)	160 x 200 x 200 mm / 6.3 x 7.9 x 7.9 in
Electricity supply	12VDC
Power Adapter (supplied) (UL)	90V-240V to 12VDC
Max power consumption	10 W
For inside use	YES
For outside use	NO
Room to room sound reduction	49 dB(A)

## Flow, electricity & sound

14 m <sup>3</sup> / hr (4 l/s) / 8.2 CFM	3.0 Watt	19,8 dB(A)
21,6 m <sup>3</sup> / hr (6 l/s) / 12.7 CFM	3.3 Watt	20,0 dB(A)
32,4 m <sup>3</sup> / hr (9 l/s) / 19.1 CFM	4.5 Watt	20,5 dB(A)
43,2 m <sup>3</sup> / hr (12 l/s) / 25.4 CFM	6.2 Watt	21,4 dB(A)
61,2 m <sup>3</sup> / hr (17 l/s) / 36 CFM	9.8 Watt	26,7 dB(A)
NEN-EN-ISO 3741 tested by Cauberg-Huygen Nov. 2017		

## Automated air flow control

The Fresh-r Forward measures the CO<sub>2</sub> and relative humidity (RH) in the room it is connecting and extracts from that room with the flow rate needed to keep air quality in that room good.

CO<sub>2</sub> and RH sensors with its smart controls are always included in the Fresh-r forward. The unit can be wifi connected so information can be viewed via a secured portal.

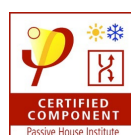


# Fresh-r

Smart indoor  
air care

[www.fresh-r.eu](http://www.fresh-r.eu)

Fresh-r is a brand name  
of Vaventis BV



Fresh-r, Vaventis BV reserve the right, in the interests of continuous development, to alter specifications without prior notice. All orders are accepted subject to our conditions of sale which are available on request