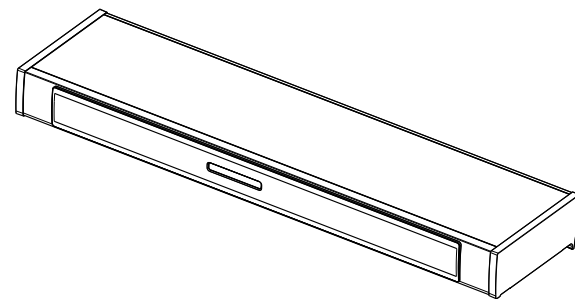


Aircare ES. Technical features.



TECHNICAL SPECIFICATIONS

Speed	Airflow (m³/h)	Power consumption	Sound pressure (dBA)	Thermal efficiency %
1	15	4	26	82
2	20	5	30	
3	30	10	36	74
4	35	13	40	
5	43	20	44	69



% heat recovery, efficiency depending on T, HR and airflow	up to 82%	IP rating	IP65
Mains power supply	220V alternate current	Length of power cable	2,5 m
Internal operating voltage	24V direct voltage	Approved temperature	Min -15°C - Max 50°C
Connection to power supply	230V / 50Hz	Thermal transmittance	U= 0,30 W/K
Safety class	II	Soundproofing with vent flaps open	beyond 43dB
Safety	thermal protection in the transformer	Standard filtering units	F8/F9+ G4 - outside supply air G4 - inside exhaust air

DIMENSIONS

Standard fitting

Length	Min 1000 mm - Max 3000 mm
Width	270 mm
Height	95 mm
Weight	7 Kg (L1000)

Customized fitting

Length	Min 850 mm
Width	260 mm
Height	80 mm
Weight	3,55 Kg (L850)



How can we improve air in homes, schools and offices?

NEW Thesan Aircare ES

Controlled ventilation and air filtering system with heat recovery.



www.thesanaircare.com
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Tel. +39 011 19870791 - info@thesan.com

Aircare ES. Why use it.

Aircare ES is a smart, controlled active ventilation system, active air filtering and simultaneous heat recovery system, which can be used for controlled air change for buildings in the residential sector, offices, rest homes and hospitals, schools and public buildings



It guarantees fresh supply air from outside, which is filtered and preheated before it enters the room, with filtering methods defined by the user, simultaneously exhausting the stale, indoor air, whose heat is partially used to preheat incoming air.

Aircare ES. How it works.

Aircare ES has some special functions that make it "smart":

Thermal Efficiency up to 82%

AIR CHANGE

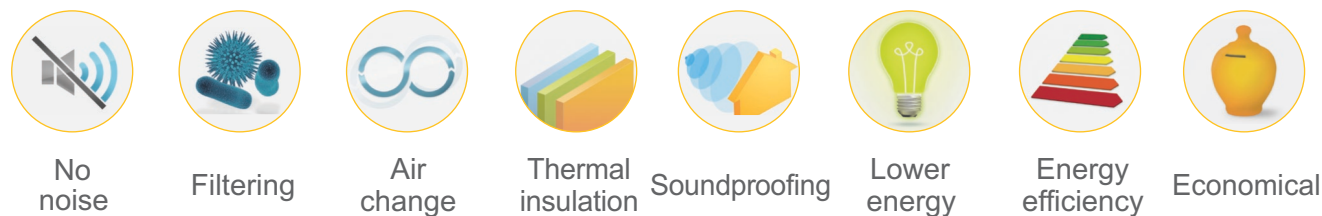
The Aircare ES ventilation system guarantees large volumes of air and the filtering unit filters at least 98% of PM_{2.5} and 100% of PM₁₀, for effective change and filtering of the air.

HEAT RECOVERY

The Aircare ES system uses an enthalpy heat exchanger to recover both sensible heat and the heat from steam. The exchanger assures a maximum efficiency of 82%, excellent heat exchange and high corrosion resistance.

COMPACT AND EASY TO INSTALL AND USE

Aircare ES is light and compact and it is easy and quick to install on any door or window (above or below and horizontal or vertical). The remote control makes it easy to use and ensures simple ventilation adjustment.



Aircare ES. As simple as opening a window but a lot more effective.

TECHNICAL FEATURES

- Controlled ventilation with centrifugal fans
- Modular system with gradual filtration of supply air
- Heat recovery in all seasons
- Ventilation adjustable to 5 levels
- Outside motorised grilles
- Customisable interior decorative frame (optional)
- Very quiet - less than 30 dB in sleep mode
- Compact, ultra-flat, modular, suitable for any room
- Modular filtration system (F8+ G4)

Standard fitting



Customized fitting



For the customized solutions a Feasibility checking is necessary.

Designed by

pininfarina

