

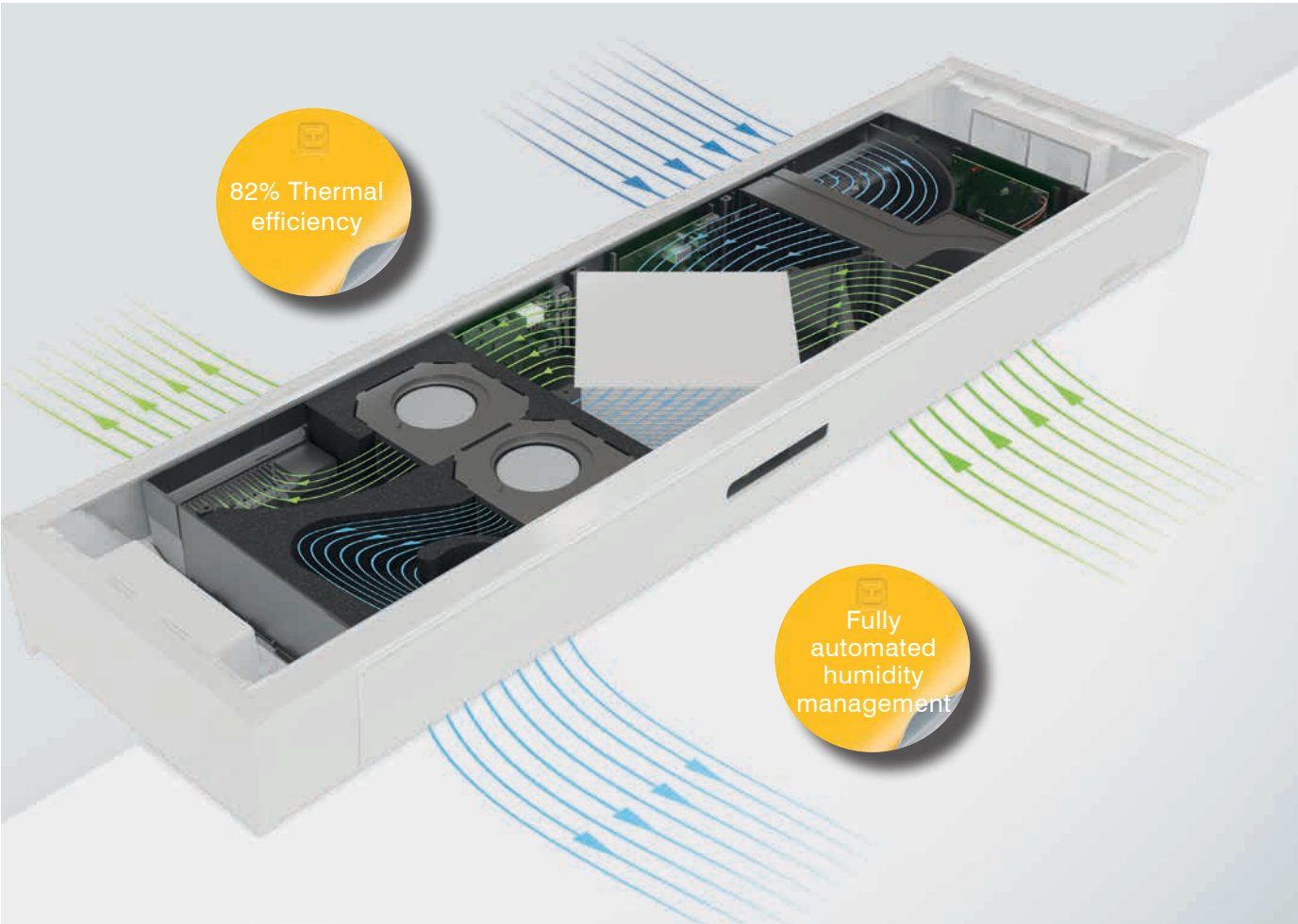
Aircare ES

Single room controlled ventilation – High air filtration levels
Heat recovery – 5 speeds and “auto” program

 **THESAN**
The green thinking

Designed and manufactured in Italy





Why Aircare ES?

Aircare ES helps to guarantee a good ventilation in residential buildings, offices, hotels and schools, whether newly constructed or refurbished.

Proper air renovation, combined with an high level of filtration and thermal/electrical energy saving, helps to get an improvement in energy building classification. This is particularly important as the buildings need to be more efficient (from class A to NZEB) without renouncing to an adequate Indoor Air Quality (IAQ).



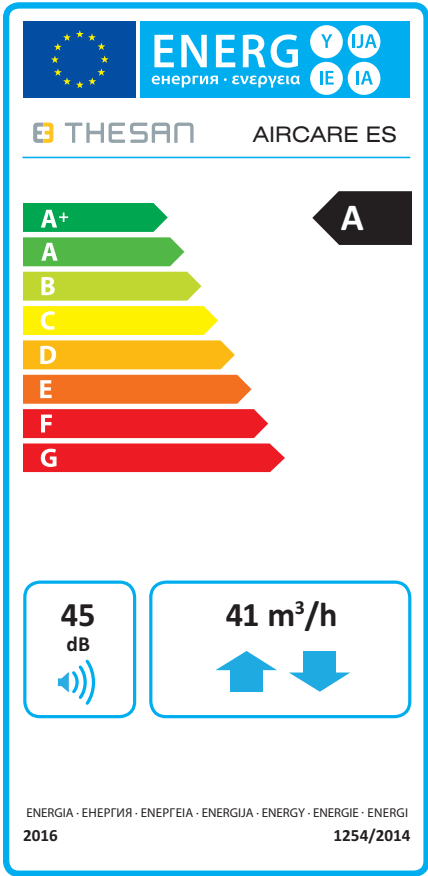
Aircare ES has a neat design, thanks to the elegant and unique Pininfarina style. This is the reason Aircare ES can easily fit into any architectural design.

(*) Speed	(*) Capacity m ³ /h	(*) Sound Power L _{WA} [dBA]	(**) Sound Pressure L _p (3m free field) [dBA]	(***) Sound Pressure L _p (valued for a normalized room) [dBA]	(*) Thermal efficiency %	Power consumption [W]
1	15	37	19	30	82	4,6
2	20	40	22	33	-	5,8
3	30	45	27	38	74	10,3
4	35	48	30	41	-	14,6
5	42	51	33	44	69	20,6

(*) Measurement taken in conformity to standard EN 13141-8

(**) Values useful for comparisons with competitors' products

(***) Values refer considering measurement in a normalized room, in the middle. In the normalized room a reverberation time of 0,5 seconds is taken into account.





Aircare ES filters. But not only:

- > Aircare ES includes a multilayer filter that eliminates up to **98%** of PM 2.5 (particulates) and all **PM 10**, together with pollen, dust mites, spores and bacteria.
- > It **brings in** external **fresh air** which is **filtered** and **preheated** before its entry in the indoor environment.
- > It **extracts** the **internal polluted air** whose heat is used to preheat the incoming air.
- > It helps to **diluite CO₂**, as well to reduce internal relative **humidity**, **VOCs**, and **Radon** risk.



The Aircare ES system uses an **“enthalpy” heat exchanger** to **recover** both sensible and latent **heat**.

The exchanger assures a maximum **efficiency of 82%**, excellent heat exchange and **high corrosion resistance**.

Aircare ES **works perfectly** with all **heating** and air **conditioning systems** found in the house or designed for new buildings.

Light and compact, Aircare ES can be **easily** and **quickly installed** on **any kind** of **window** (aluminium, PVC or wood), in different positions: horizontally above or below the window, vertically on the left or right side of the window.

Thanks to its **low capacity** and **air speed**, air exchange is guaranteed without users noticing anything in terms of noise and heat effects.

Aircare ES is extremely easy to control, use and maintain; moreover thanks to an user friendly remote control its use and the ventilation adjustment is extremely simple.



No noise



Filtering



Air change



Thermal insulation



Soundproofing



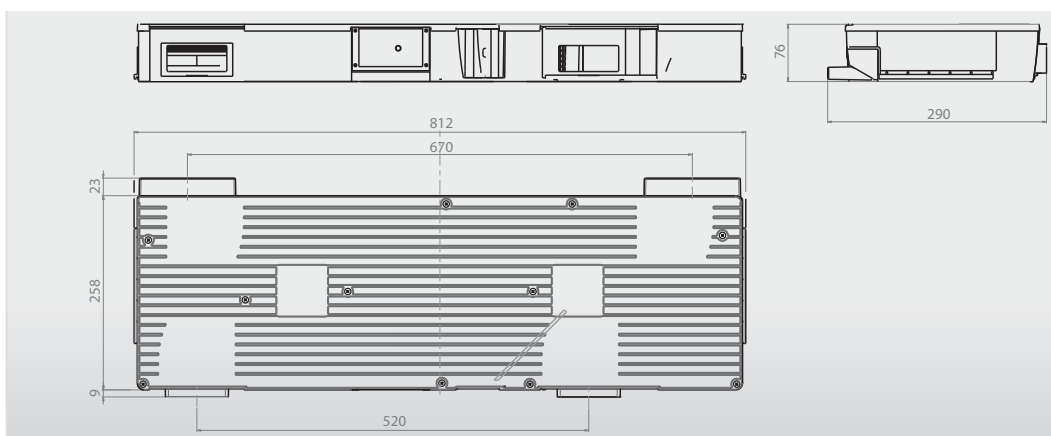
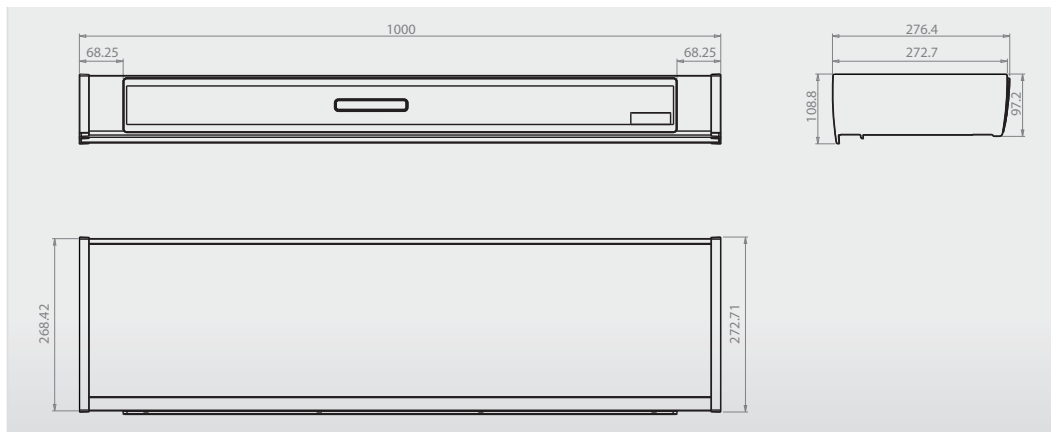
Lower energy



Energy efficiency



Economical



T : 00V1K - LF336 - IT00 20020817