



AERA^{smart}

Decentralized single room Heat Recovery Unit



For single rooms
up to 40 m²

- **Easy to install: no ducting system or heavy masonry required. A hole of \varnothing 100 mm is sufficient.**
- **Ideal for refurbishment and energy requalification.**
- **Drastic solution to humidity and condensate problems.**
- **EC motors.**

ACCESSORY



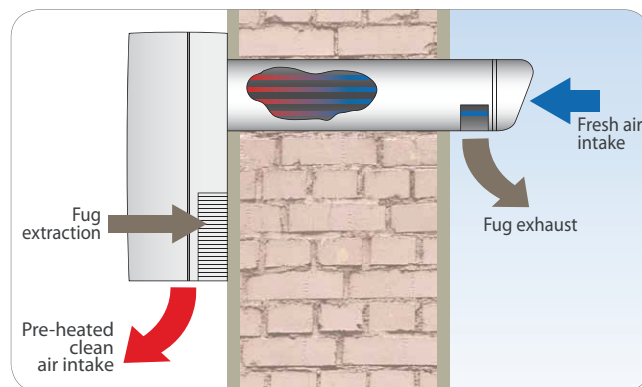
RLS

- Remote speed control (min-max)
- On/Off switch.

FEATURES

- 3 models with duct \varnothing 100 mm and 3 standard lengths for wall thickness up to 600 mm.
- Suitable for any kind of room. Ideal for wet rooms like kitchens and bathrooms.
- Extremely compact and versatile: can be installed in horizontal or vertical position.
- High energy saving thanks to EC motors
- Integrate by-pass and antifreeze functions.
- Provided with 3 filters: the air is filtered in both flows before entering the heat exchanger.
- Easy maintenance and cleaning: filters and heat exchanger are removable and washable.
- Comply with EN 60335-2-80, B.T. 2006/95/CE, EMC 2004/108/CE.

OPERATION



- Tubular heat exchanger with separate flows for a perfect hygiene.
- Balanced double flow, 24/7 running.

VERSIONS

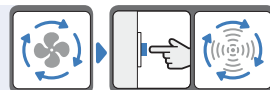
STANDARD version



I 24/7 running at the minimum speed.



II The unit switches at the highest speed through a manual command on a remote control (switch, push button or RLS controller).



III The highest speed is provided with a timer (adjustable from 0 to 30 minutes). At the end of the delay running, the fans automatically turns back to the minimum speed.



MHY Version

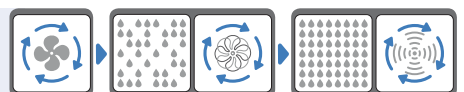
Humidity control



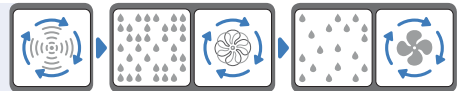
I 24/7 running at the minimum speed.



II The unit switches to the highest speed automatically through the humidity sensor. The maximum speed is reached progressively according to the humidity level of the room.





III Once the humidity goes under the pre-set level (adjustable from 40 to 90% of R.H.), the unit automatically switches to the minimum speed.



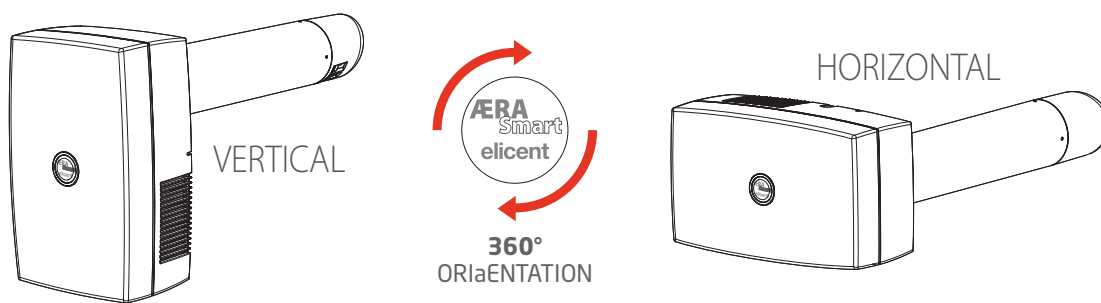
Also the MHY version is provided with a timer adjustable from 0 to 30 minutes for the manual boost at the maximum speed. The function is useful in case it is necessary to have the fan running at the maximum speed independently from the humidity level (see point III standard version).

PERFORMANCE

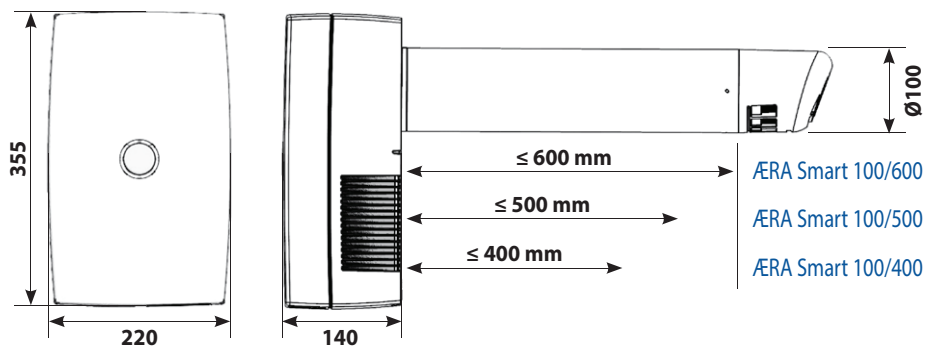
MODELLO	DUCT	WALL THICKNESS	V	m³/h	l/s	W	A	dB(A)		Kg
	Ø mm	max mm						LwA	LpA*	
STANDARD Version 										
AERA Smart 100/400	100	400	230	27 / 53	8 / 15	8,3 / 28,3	0,075 / 0,207	48,3 / 59,4	27,7 / 39,3	3,8
AERA Smart 100/500	100	500	230	27 / 53	8 / 15	8,3 / 28,3	0,075 / 0,207	48,3 / 59,4	27,7 / 39,3	3,9
AERA Smart 100/600	100	600	230	27 / 53	8 / 15	8,3 / 28,3	0,075 / 0,207	48,3 / 59,4	27,7 / 39,3	4,0
MHY Version 										
AERA Smart 100/400 - MHY	100	400	230	27 / 53	8 / 15	8,3 / 28,3	0,075 / 0,207	48,3 / 59,4	27,7 / 39,3	3,8
AERA Smart 100/500 - MHY	100	500	230	27 / 53	8 / 15	8,3 / 28,3	0,075 / 0,207	48,3 / 59,4	27,7 / 39,3	3,9
AERA Smart 100/600 - MHY	100	600	230	27 / 53	8 / 15	8,3 / 28,3	0,075 / 0,207	48,3 / 59,4	27,7 / 39,3	4,0

* at 3 m in open field

INSTALLATION



DIMENSIONS (mm)



REMOVE THE MOULD AND BREATHE A HEALTHIEST AIR !

