



REC SanAir WALL



REC SanAir IN WALL



REC SanAir WINDOW

# REC<sup>SanAir</sup>

## Decentralized Heat Recovery Unit



### DESCRIPTION

- Decentralised heat recovery unit with high efficiency enthalpic heat exchanger for residential application.
- Thermal efficiency up to 82%.
- Very high efficiency filtering system with double filter F8 + G4 which allows the retention of at least 98% of PM2,5, 99% of PM10 and 100% of pollens.
- Ultra slim and aesthetic design. Lightweight and easy to install.
- Wall/window frame installation
- 5 ventilation levels: from 15 to 41 m3/h.
- Free-cooling and Antifreeze functions.
- Low consumption: from 4 W
- Silent running: < 30dB in night mode.
- Comply with B.T. 2014/35/UE, EMC 2014/30/UE.
- **CE** marked



Single rooms up to 40 m<sup>2</sup>



Comply with ErP Directive 2009/125/CE and EU Regulation 1253/2014

Classification: Residential Ventilation Unit.

- Thermal efficiency up to 82%
- Highly efficient filtering system
- Enthalpic heat exchanger

### REMOTE CONTROL

REC San Air is supplied with a remote control for the set-up of the ventilation level and the free cooling function (with programmable timer up to 10 hours).



BEFORE

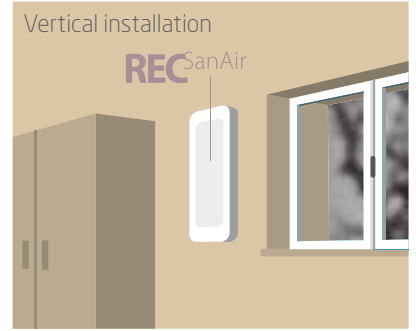
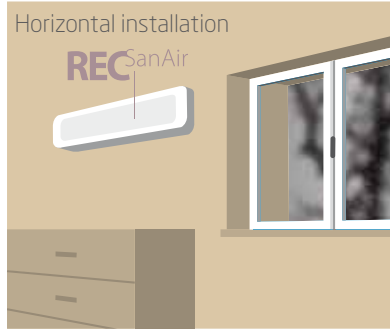
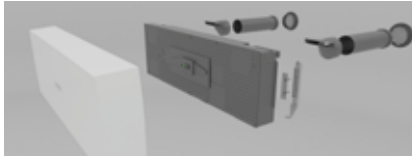


AFTER

# MODELS

## REC SanAir WALL

- Installation on all kind of perimetric wall.
- Unique model for horizontal or vertical installation.
- Easy installation: 2 holes of  $\varnothing 100$  mm are sufficient.



ITEM	CODE	DESCRIPTION
<b>REC SANAIR WALL - Wall installation - Horizontal or vertical installation</b>		
		<b>4SA0000</b> REC SanAir WALL

## REC SanAir IN WALL

- Installation on any kind of perimetric wall.
- Built-in horizontal or vertical installation.



ITEM	CODE	DESCRIPTION
<b>REC SANAIR WALL - Built-in horizontal installation</b>		
<p>con 5KT0009</p> <p>con 5KT0010</p>		<b>4SA0001</b> REC SanAir WALL IN
		<b>5SC5000</b> Built-in frame with rear
		<b>5KT0009</b> External direct extensions
		<b>5KT0010</b> External extensions 45° curved
		<b>5FR5000</b> REC San Air white cover RAL 9010
<b>REC SANAIR IN WALL - Built-in vertical installation</b>		
		<b>4SA0001</b> REC SanAir WALL IN
		<b>5SC5001</b> Built-in frame with rear + 90° curved
		<b>5KT0009</b> External direct extensions
		<b>5FR5000</b> REC San Air white cover RAL 9010

## REC SanAir WINDOW

- Installation on all kind of window frame with dimensions up to 180 mm of width and 3000 mm of length.



ITEM	CODE	DESCRIPTION
<b>REC SAN AIR WINDOW - Window installation</b>		
<p>Frame for REC SanAir WINDOW</p>		<b>4SA0002</b> REC SanAir WINDOW
		<b>5SC5010</b> L. 1.000 White RAL 9010
		<b>5SC5011</b> L. 1.500 White RAL 9010
		<b>5SC5012</b> L. 2.000 White RAL 9010
		<b>5SC5013</b> L. 2.500 White RAL 9010
		<b>5SC5014</b> L. 3.000 White RAL 9010

## PERFORMANCE

SPEED	AIRFLOW	ABSORPTION	SOUND PRESSURE	THERMAL EFFICIENCY
	m <sup>3</sup> /h	W	dB (A)	%
1	15	4	26	82
2	20	5	30	-
3	30	10	36	74
4	35	13	40	-
5	41	20	44	69

## TECHNICAL DATA

Heat recovery depending in T, RH, AIRFLOW	up to 82%
Rated input voltage	220V a.c.
Internal operating voltage	24V c.c.
Power supply	230V / 50 Hz
Safety class	II
Safety	Transformer provided with thermal protection
Protection grade	IP65
Connection cable length	2,5 mt
Temperature range	Min. -15°C / Max 50°C
Thermal transmission coefficient	U= 0,30 W/K
Noise attenuation	oltre 43 dB
Provided filters	F8/F9 + G4 - immission G4 - extract

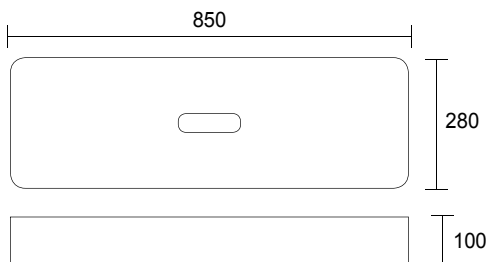
## ACCESSORIES / SPARE PARTS

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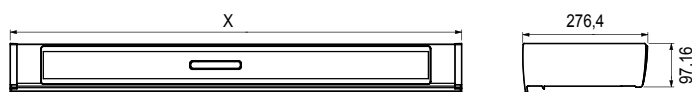
	<b>5KT0011</b>	Direct extension kit
	<b>5SL0050</b>	Remote control
	<b>5KT0012</b>	Filter G4 + F8

# DIMENSIONS (mm)

## WALL model



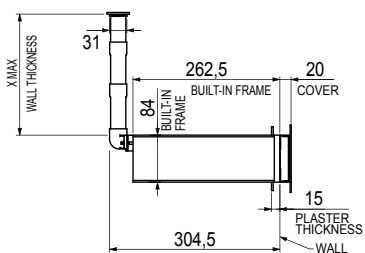
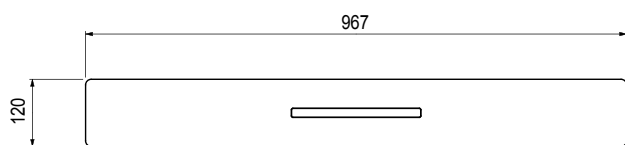
## WINDOW model



Frame	X (mm)
<b>SSC5010</b>	1000
<b>SSC5011</b>	1500
<b>SSC5012</b>	2000
<b>SSC5013</b>	2500
<b>SSC5014</b>	3000

For intermediate quotes it is possible to shorten the extension and the grill on site.

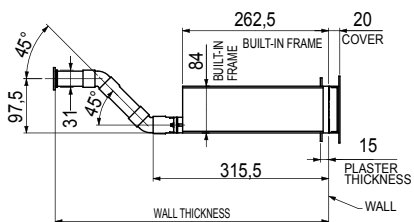
## IN WALL model



### Vertical configuration

Wall thickness quote X (mm)	Extensions and external grill needed		CODE Extensions Kit
	External grill	Extensions	
61	1+1	NO	SKT0009
136	1+1	1+1	SKT0009
211	1+1	2+2	SKT0009
286	1+1	3+3	SKT0009 + SKT0011

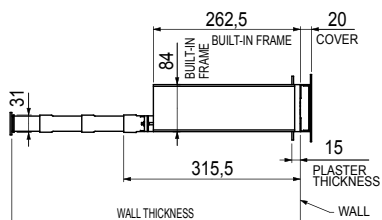
For intermediate quotes it is possible to shorten the extension and the grill on site.



### Horizontal configuration with extension 45°

Wall thickness quote X (mm)	Extensions and external grill needed		CODE Extensions Kit
	External grill	Extensions	
491	1+1	NO	SKT0010
566	1+1	1+1	SKT0010
641	1+1	2+2	SKT0010 + SKT0011
716	1+1	3+3	SKT0010 + SKT0011
791	1+1	4+4	SKT0010 + SKT0011
866	1+1	5+5	SKT0010 + SKT0011

For intermediate quotes it is possible to shorten the extension and the grill on site.



### Horizontal configuration with direct extension

Wall thickness quote X (mm)	Extensions and external grill needed		CODE Extensions Kit
	External grill	Extensions	
365	1+1	NO	SKT0009
440	1+1	1+1	SKT0009
515	1+1	2+2	SKT0009
590	1+1	3+3	SKT0009 + SKT0011
665	1+1	4+4	SKT0009 + SKT0011
740	1+1	5+5	SKT0009 + SKT0011
815	1+1	6+6	SKT0009 + SKT0011

For intermediate quotes it is possible to shorten the extension and the grill on site.