



REC SanAir WALL



REC SanAir IN WALL



REC SanAir WINDOW

REC^{SanAir}

Decentralized Heat Recovery Unit



Single rooms up to 40 m²



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

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

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



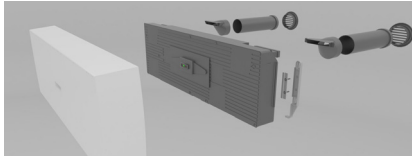
AFTER

The system effectively helps to prevent the formation of mold on the walls when caused by insufficient natural ventilation.

MODELS

REC SanAir WALL

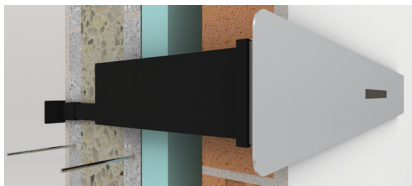
- Installation on all kind of perimetric wall.
- Unique model for horizontal or vertical installation.
- Easy installation: 2 holes of $\phi 100$ mm are sufficient.



ITEM	CODE	DESCRIPTION
REC SANAIR WALL - Wall installation - Horizontal or vertical installation		
		4SA0000 REC SanAir WALL

REC SanAir IN WALL

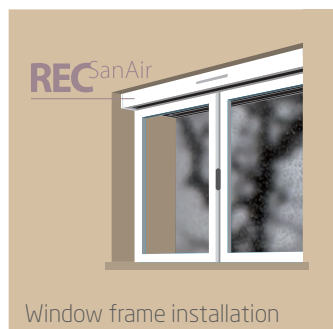
- Installation on any kind of perimetric wall.
- Built-in horizontal or vertical installation.



ITEM	CODE	DESCRIPTION
REC SANAIR WALL - Built-in horizontal installation		
<p>con 5KT0009</p> <p>con 5KT0010</p>		4SA0001 REC SanAir WALL IN
		5SC3101 Built-in frame with rear
		5KT0009 External direct extensions
		5KT0010 External extensions 45° curved
		5FR5000 REC San Air white cover RAL 9010
		1KT0097 Kit cover flush with the wall
REC SANAIR IN WALL - Built-in vertical installation		
		4SA0001 REC SanAir WALL IN
		5SC3100 Built-in frame with rear + 90° curved
		5KT009 External direct extensions
		5FR5000 REC San Air white cover RAL 9010
		1KT0097 Kit cover flush with the wall

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

PERFORMANCE




SPEED	AIRFLOW	ABSORPTION	SOUND PRESSURE	THERMAL EFFICIENCY
	m ³ /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	> 43 dB
Provided filters	F8/F9 + G4 - immission G4 - extract

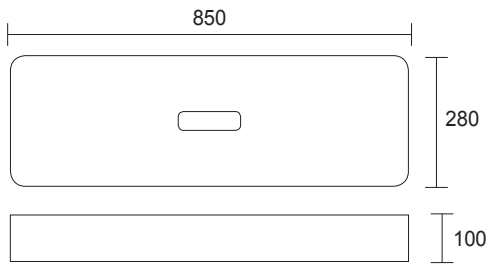
ACCESSORIES / SPARE PARTS

ACCESSORIES / SPARE PARTS

	5KT0011	Direct extension kit
	5SL0050	Remote control
	5KT0012	Filter G4 + F8
	5FI1128	Template for flush to the wall

DIMENSIONS (mm)

WALL model



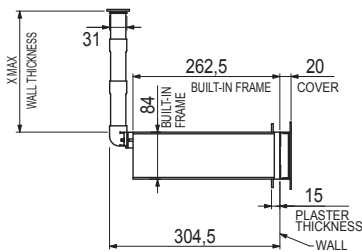
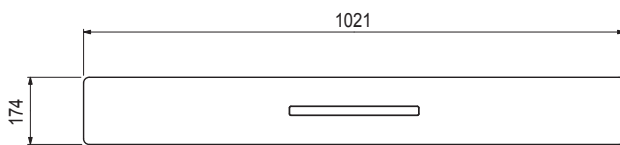
WINDOW model



Frame	X (mm)
SSC5010	1000
SSC5011	1500
SSC5012	2000
SSC5013	2500
SSC5014	3000

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

IN WALL model

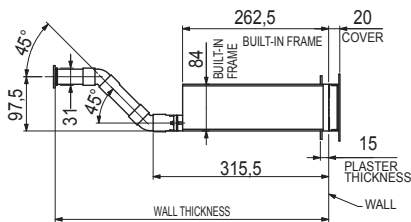


Vertical configuration

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.

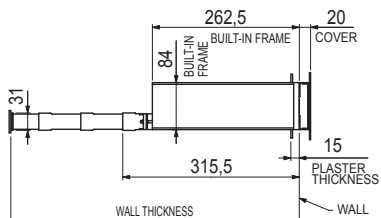
Horizontal configuration with extension 45°



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.