

# Ficha Técnica

## Siber® HRV BASIC 1



### Compact High-Performance HRV Unit

- » HRV Unit
- » High-Performance
- » Centrifugal fans with direct current
- » Acoustic comfort
- » Reduced electrical consumption
- » Easy maintenance
- » Optimum air quality

### TECHNICAL ADVANTAGES / INSTALLATION

### Siber HRV BASIC 1

- Wide variety of filters
- Better energetic efficiency (up to 95%)
- Silent running
- Quick & easy installation
- Orientable connections
- Fixed double condensation drain
- Perfectly parallel instalation
- No inclination needed for the condensation drain

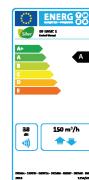


### SPEED CONTROL REGULATOR INCLUDED

- Airflow regulator
- Speed selector potentiometer (1-10)
- Easy maintenance
- ON/OFF switch (run "I"/stop "O")
- ON/OFF bypass effect switch

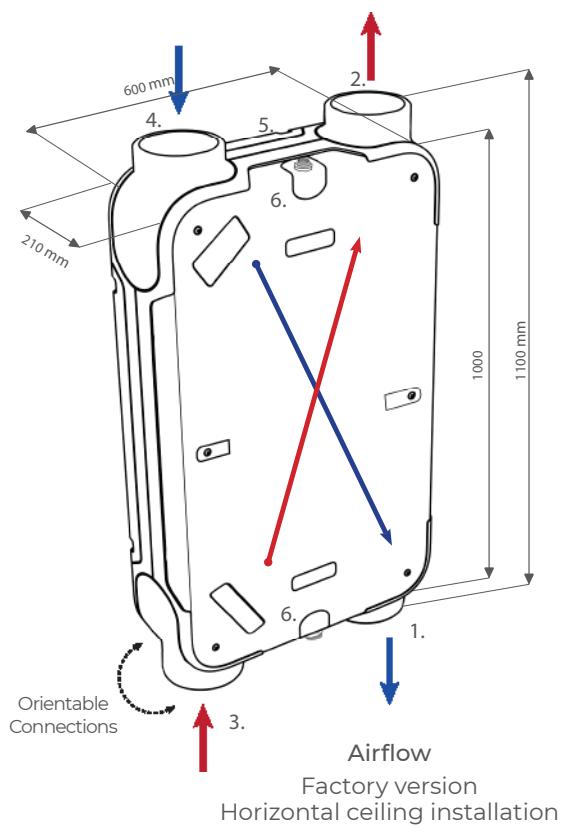


### CERTIFICACIÓN



» CAUDAL MÁXIMO: 150 m³/h

## DIMENSIONS / AIRFLOW

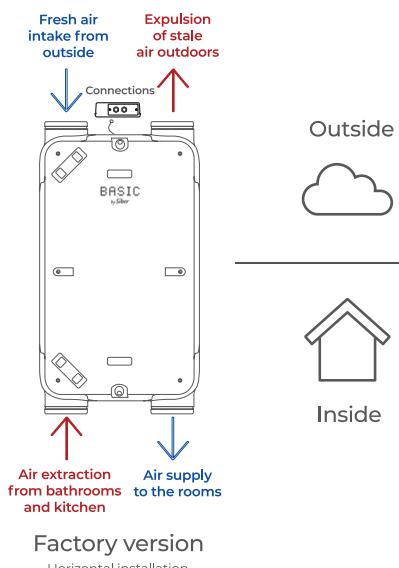


**CAPTION**

1. Insulation of new air into the house
2. Extraction of foul air to the outside
3. Extraction of foul air from the inside of the home
4. New air's intake from outside
5. Electrical connections
6. Condensation drain connection

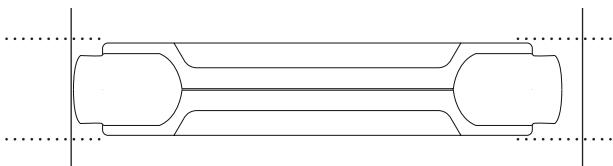
\*It can only have one condensation drain, the other one has to remain closed with a plug.

Factory version  
Horizontal ceiling installation



Factory version  
Horizontal installation

**A height of only 21 cm / 8.2 inch**  
Optimize the space in false ceiling



### PERFECTLY PARALLEL TO THE CEILING

Its design allows to install it perfectly horizontally without the 2° degree inclination for the condensation drain

## OPTIONAL ACCESSORIES

Wide variety of filters

Dry siphons (flexible/ball)

\*Refer to our catalogue to see the full range of available accessories

## SUSTAINABILITY



### SUSTAINABILITY

Construction in expanded polypropylene and galvanized steel, reducing the consumption of resources and the degradation of the planet.

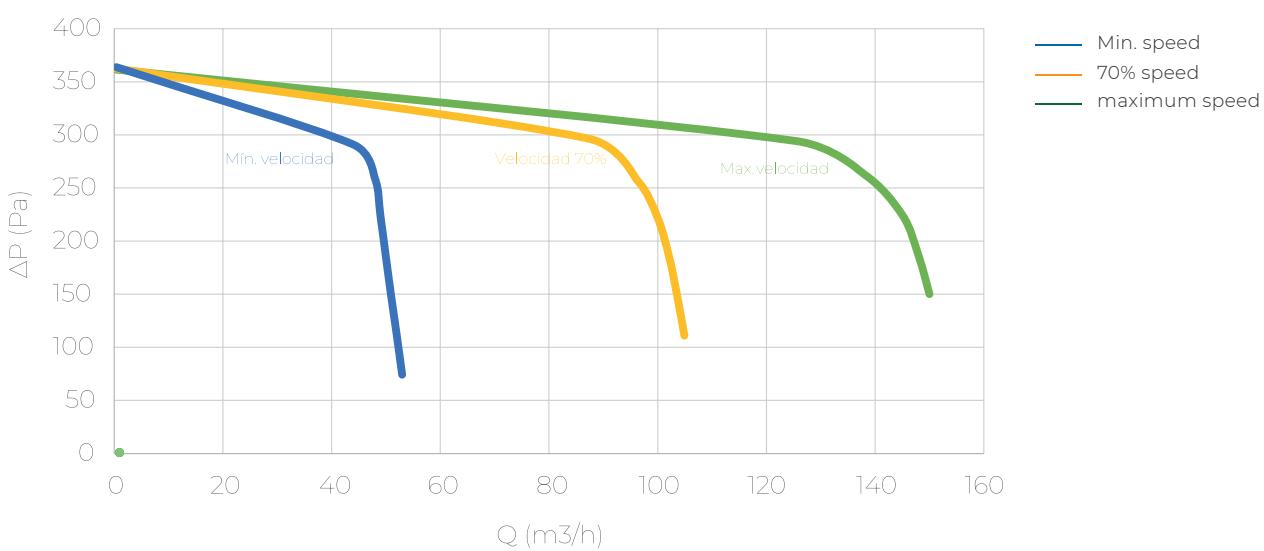
## TECHNICAL DATA

<b>Voltage supply</b>	230V/ 50 Hz		
<b>Protection degree</b>	IP 40		
<b>Dimensions (L x W x H)</b>	1000 x 600 x 210 mm		
<b>Connections diameter</b>	$\varnothing$ 160		
<b>Condensation drains diameter</b>	1/2"		
<b>Weight</b>	24 Kg		
<b>Filter classification</b>	Coarse 65% (G4)		
<b>Fans positions (factory presets)</b>			
<b>Variable speed ON/OFF control</b>	1	Speed regulated through the control	10
<b>Airflows (m<sup>3</sup>/h)</b>	30		150

## ACCOUSTIC LEVEL

	Airflow (m <sup>3</sup> /h)	50	75	100		150	
		50	75	100	150	100	150
<b>Acoustic power Lw (A)</b>	Static pressure (Pa)	25	50	50	100	100	150
	Box irradiation (dB(A))	24	34	38	44	45	49
	Extraction duct (dB(A))	28	30	39	42	46	47
	Insufflation duct (dB(A))	42	50	53	56	61	64
<b>Acoustic pressure Lp (A) at 1.5m</b>	Box radiation (dB(A))	9	19	23	29	30	34

## AIRFLOW/PRESSURE CURVE



## TECHNICAL CHARACTERISTICS

Description	Picture
<b>Heat exchanger</b>	Standard, cross flow heat exchanger
<b>Fans</b>	Constant flow ventilation technology, direct current centrifugal fan and forward inclined blades. Thanks to this technology, constant flow, acoustic comfort, reduced electrical consumption, easy maintenance and optimum air quality are ensured.
<b>Filters (optionals)</b>	<p>It has the widest range of filtering on the market, to guarantee optimum air quality.</p> <p>DFFG4 - FILTER G4 COARSE 65% DFFF7 - FILTER F7 EPM1 55%</p>
<b>Easy maintenance</b>	Easy access to filter cleaning, directly through the front panel. Simple access and removal of the heat exchanger and fans (recommended every 3 years)
<b>Construction</b>	Watertight internal construction in expanded polypropylene (PPE), guaranteeing acoustic and thermal insulation and air tightness
<b>Adjustable connections</b>	Modularity in the connection quickly and easily. The connections are designed to ensure maximum tightness.
<b>Low consumption</b>	High performance motors with exclusive technology, ensuring the lowest energy consumption
<b>Regulation (included)</b>	Variable speed ON/OFF control switch and ON/OFF bypass effect selector