



EVO







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# Care about you & the others

The sustainable **EV**olution in:

- Comfort
  - Air purification
  - Energy efficiency
-







01. HEALTH  
& COMFORT

02. HIGH  
PERFORMANCES

03. DESIGN  
& INNOVATION

04. VERSATILITY



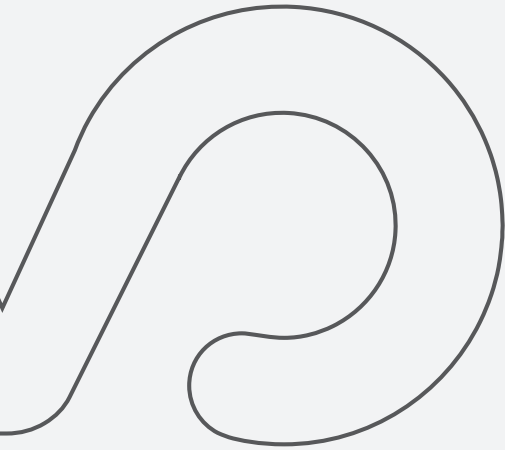




05. SUSTAINABILITY

06. IoT

07. TECHNICAL  
FEATURES



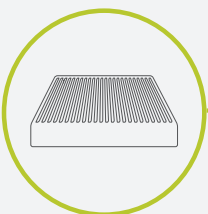


# 01 THE EVOLUTION IN HEALTH & COMFORT



## Silent

A high performance unit which ensures accoustic comfort thanks to a constant airflow



## Large choice of customized filters



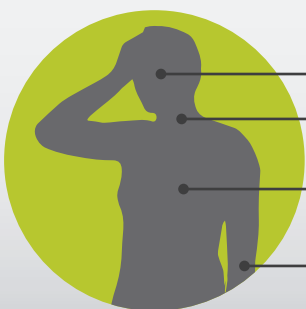
ISO EPM1 55%  
ISO EPM1 80%  
ISO COARSE 65%

Activated  
carbon filters

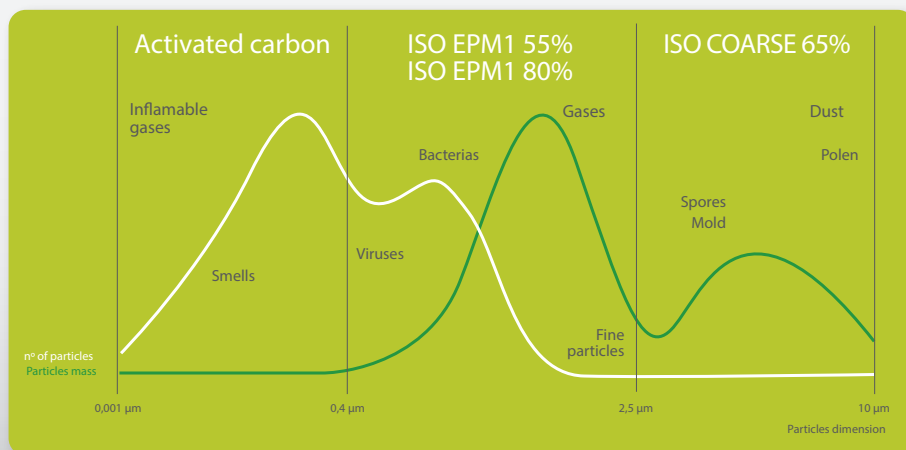
Combined  
filters

## Our filters assure the quality of the air you breath

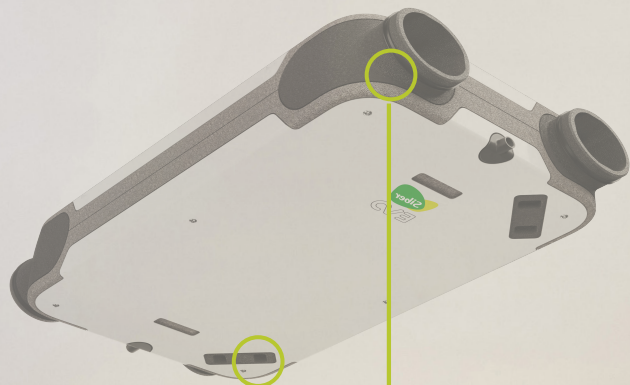
The nose filters particles from 9  $\mu\text{m}$



100  $\mu\text{m}$  are caught in the nose  
10  $\mu\text{m}$  are caught in the throat  
2,5  $\mu\text{m}$  cover the lungs  
1  $\mu\text{m}$  enter in the blood flow







A healthy air,  
a better life



# 02 HIGH PERFORMANCES



## Best sealing

The connections are designed to ensure the maximum tightness.

That is thanks to a double symmetrical joint that allows a perfect sealing between the unit and the duct.



## Low consumption

High performance motors paired with an exclusive technology, allowing a reduction in consumption.



## Reaching summits in energy efficiency

The unit is designed to allow cross flows within it. That is thanks to a high performance, counterflow, heat recovery exchanger



up to  
**95%**

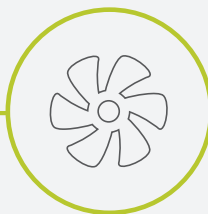
## Less pressure, better airflow



Thanks to its aerodynamic design, EVO gets a better airflow without an increase of the inside pressure.



## Constant airflow



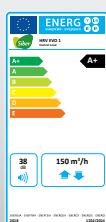
Constant airflow technology, based on device current centrifugal fans and forward oriented blades that are working permanently.

Thanks to this, EVO ensure constant airflow, acoustical comfort, lower consumptions, easy maintenance and a better air quality.

## Certificates



EVO possesses the most prestigious quality certificates





# 03 DESIGN & INNOVATION

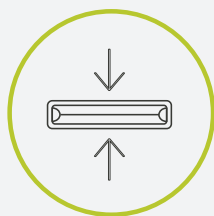
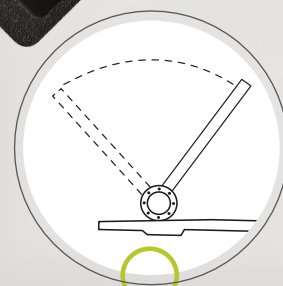


## Fully horizontal instalation

Thanks to its interior design, it is not necessary to inclinate EVO for the condensation drain.



No need of the 2% inclination



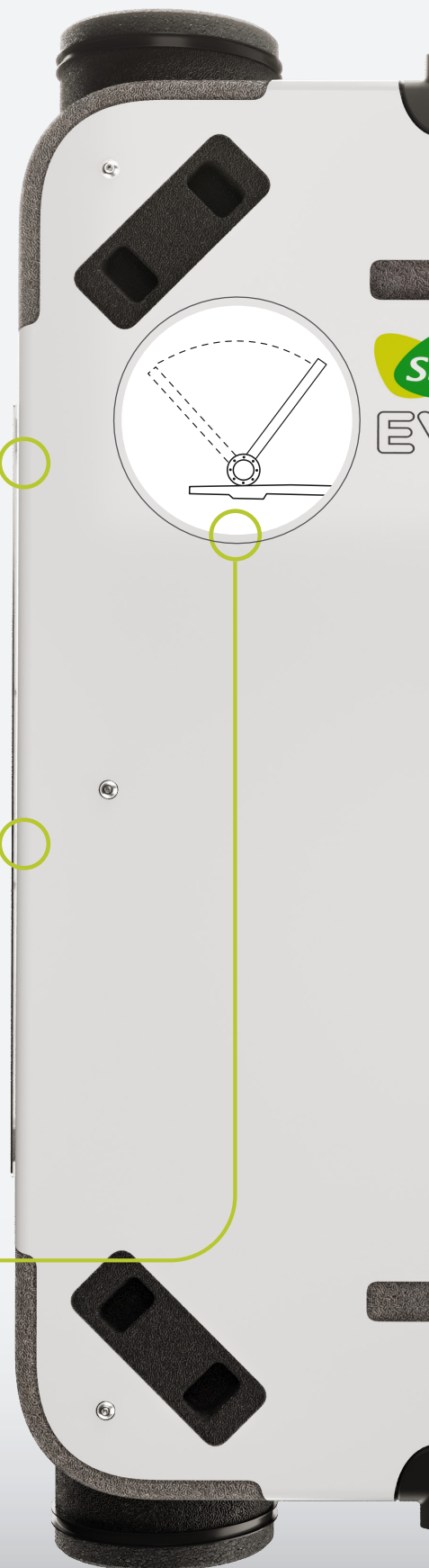
## Ultra compact & minimalistic design

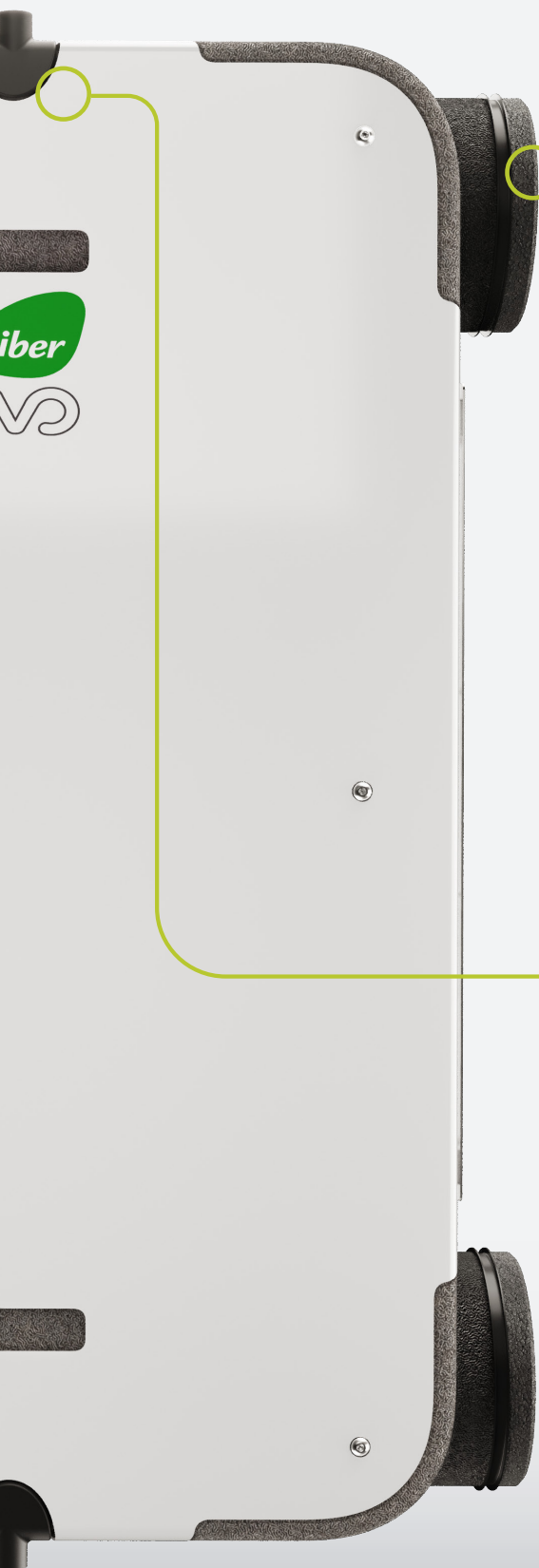
EVO is the most compact unit in the market with only 21 centimeters height.



## Intelligent & Automatic By-Pass

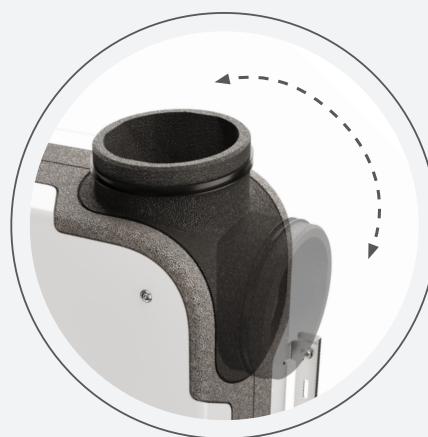
The By-Pass works perfectly on both summer and winter periods allowing to get the perfect temperature inside the house without using the heat recovery exchanger.





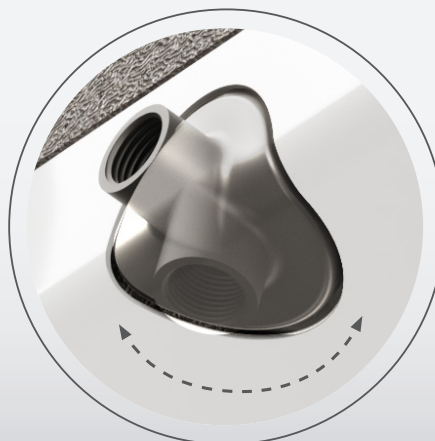
## Orientable connection

EVO is the first HRV unit with modularity. Easy and fast configuration.



## Rotating condensation drain

The condensation drains can rotate 180° so they adapt to any kind of installation parameters.



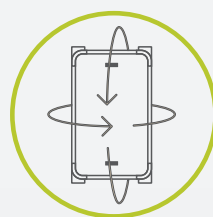
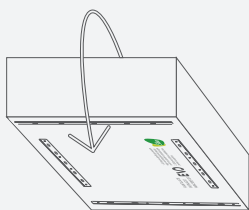


# 04 VERSATILITY



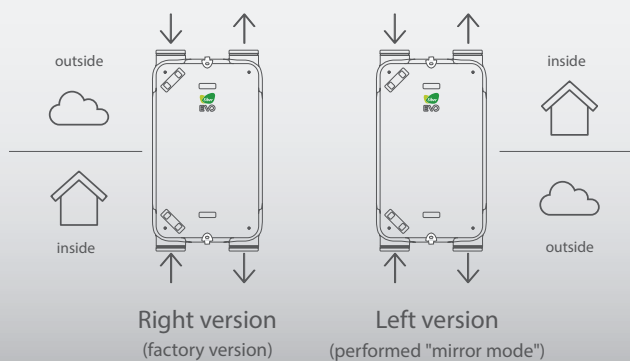
## Easy & fast installation

Even though EVO's installation is intuitive, we made sure even its packaging shows how to install it.



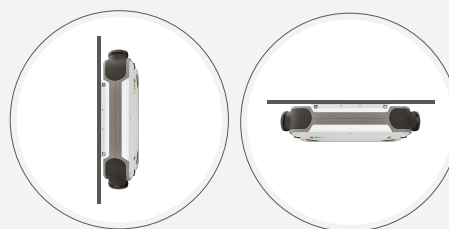
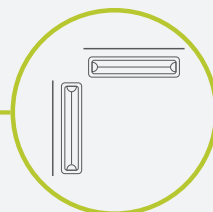
## Polyvalent (Left/Right)

EVO can be configured left/right without any complication and during the installation.



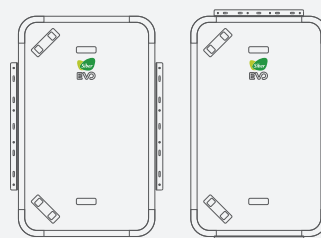
## Vertical/Horizontal installation

Vertical installation only with left-hand version or enthalpy models. It has 2 supports which allow them an easy installation both on the wall or on the ceiling



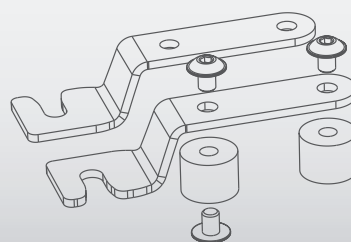
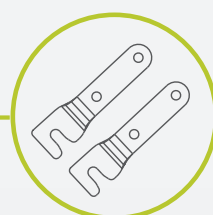
## Orientalive guides

Possibility to install various guides in both laterals thanks to silentblock hooks.



## Silentblock hooks

Simple fixation thanks to 4 antivibration hooks eliminating any kind of trembling.





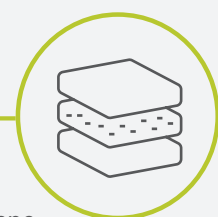
# 05

## SUSTAINABILITY





We evolve and fight  
for a sustainable  
environment.



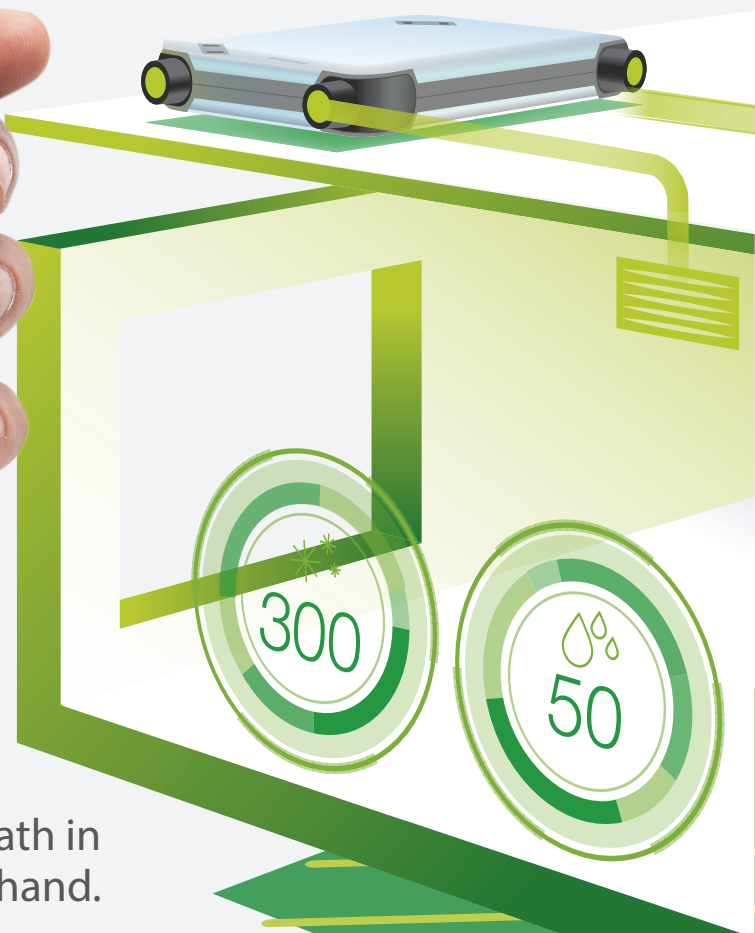
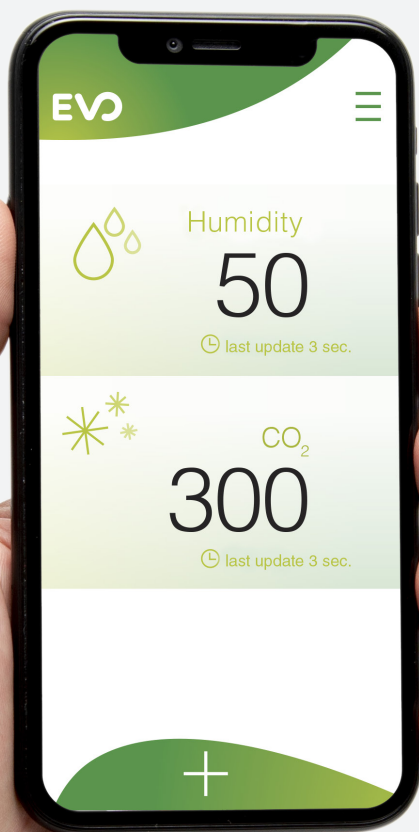
## Sustainability

EVO is made of expanded polypropylene and galvanized steel. It reducing the consumption of resources and so Earth's degradation.

It has an Environmental Product Declaration (EPD).



# 06 IoT



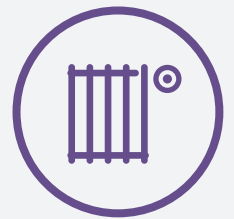
The quality of the air you breath in the palm of your hand.





Convert your nest in a  
Smart Home with Siber.

Upgrade your home  
automation to improve  
the quality of the air.



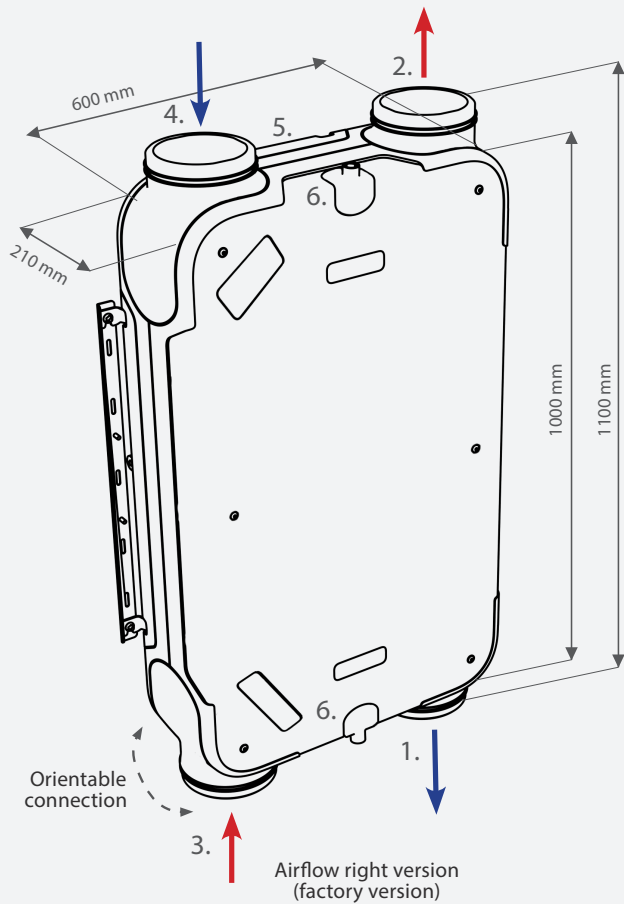
Connectivity  
through:





KNX  
Modbus

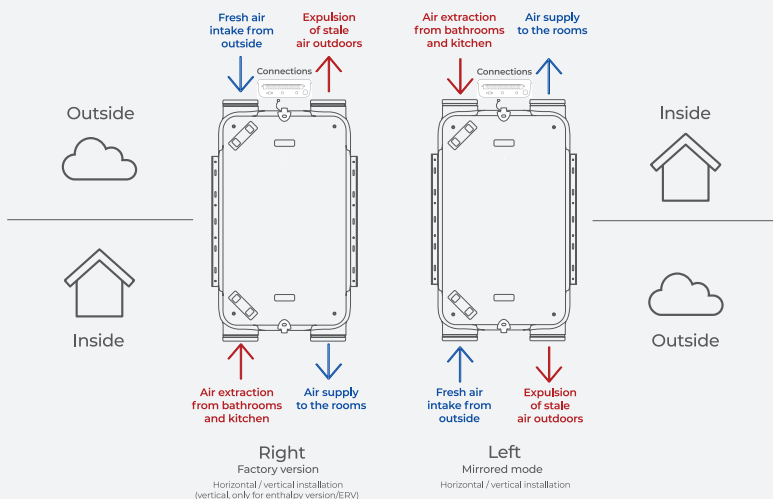


# 07 TECHNICAL FEATURES

## Dimensions



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



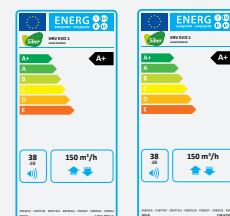
\*It can only have one condensation drain, the other one has to remain closed with a plug.

The enthalpy version must have both drains sealed with two plugs; they should not be connected to the condensate drain.

The EVO PR version: Available in Right-Hand or Left-Hand versions, depending on the model previously requested.



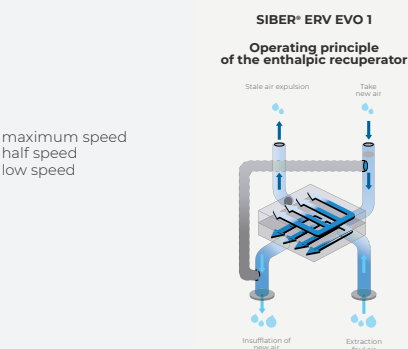
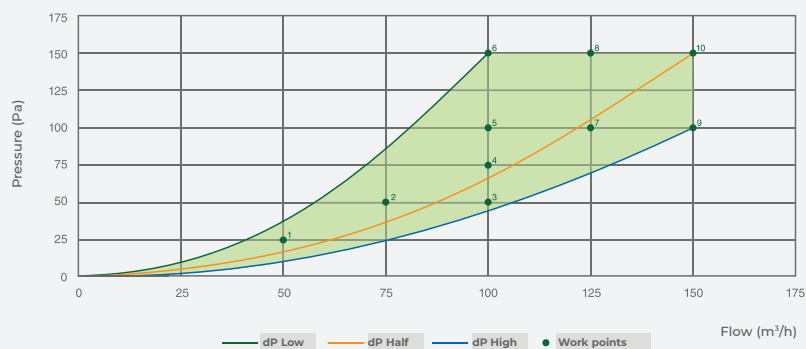
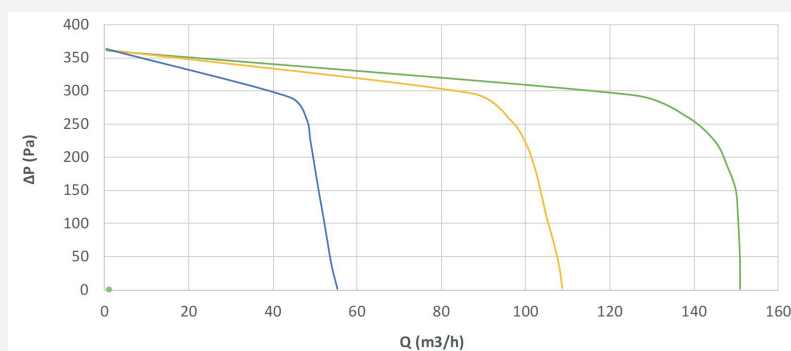
# SIBER HRV EVO 1 / SIBER ERV EVO 1



SIBER® HRV EVO 1 / EVO 1 PR / ERV EVO 1					
Supply voltage	230/ 50 Hz				
Degree of protection	IP 44				
Dimensions (l x w x d)	1000 x 600 x 210 mm				
Connection diameter	Ø 160				
Condensate evacuation diameter	1/2"				
Weight	22 kg				
Filter classification (included): Extraction/Insufflation	Fiter G4 Coarse 65% / Filter F7 EPM1 55%				
Fan position (standard)					"Boost" mode
Wireless intelligent multi-control controller (optional)	0	1	2	3	Maximum
Ventilation flow (m³/h)	30	75	100	140	150

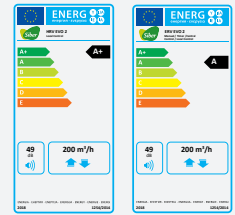
Acoustic level SIBER® HRV EVO 1 / EVO 1 PR / ERV EVO 1							
Ventilation flow (m³/h)		50	75	100	150		
Acoustic power Lw (A)	Static pressure (Pa)	25	50	50	100	100	150
	Box irradiation (dB(A))	24	34	38	44	45	49
	Extraction duct (dB(A))	28	30	39	42	46	47
	Insufflation duct (dB(A))	42	50	53	56	61	64
Acoustic pressure Lp (A) at 1,5 m	Box irradiation (dB(A))	9	19	23	29	30	34

## CHARACTERISTIC CURVE



Work points	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	50	25	9.24	0.67
2	75	50	15.37	0.74
3	100	50	20.55	0.74
4	100	75	24.52	0.88
5	100	100	28.87	1.04
6	100	150	37.62	1.35
7	125	100	37.13	1.07
8	125	150	46.07	1.33
9	150	100	48.14	1.16
10	150	150	58.25	1.40

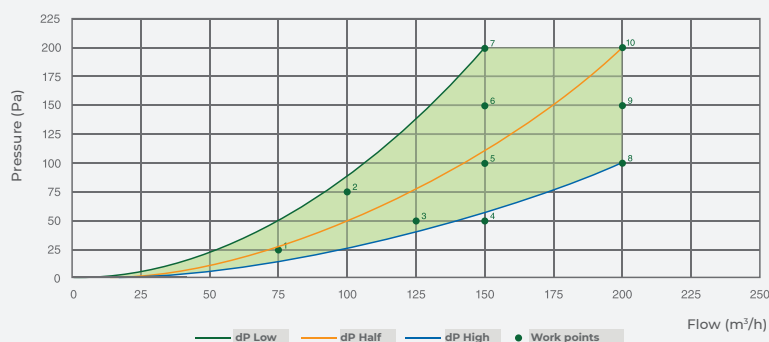
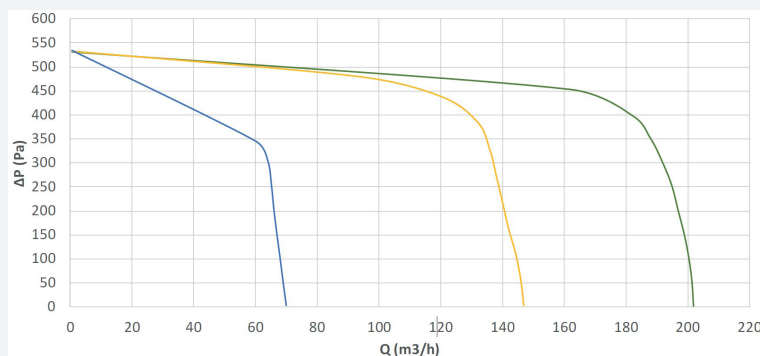
# SIBER HRV EVO 2 / SIBER ERV EVO 2



SIBER® HRV EVO 2 / EVO 2 PR / ERV EVO 2					
Supply voltage	230/ 50 Hz				
Degree of protection	IP 44				
Dimensions (l x w x d)	1000 x 600 x 210 mm				
Connection diameter	Ø 160				
Condensate evacuation diameter	1/2"				
Weight	22 kg				
Filter classification (included): Extraction/Insufflation	Fiter G4 Coarse 65% / Filter F7 EPM1 55%				
Fan position (standard)					"Boost" mode
Wireless intelligent multi-control controller (optional)	0	1	2	3	Maximum
Ventilation flow (m³/h)	30	75	100	150	200

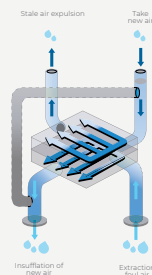
Acoustic level SIBER® HRV EVO 2 / EVO 2 PR / ERV EVO 2							
Ventilation flow (m³/h)		75	125	150	200		
Acoustic power Lw (A)	Static pressure (Pa)	25	50	50	100	150	200
	Box irradiation (dB(A))	33	42	44	46	51	56
	Extraction duct (dB(A))	34	43	45	48	50	57
	Insufflation duct (dB(A))	46	51	59	62	65	66
Acoustic pressure Lp (A) at 1,5 m	Box irradiation (dB(A))	18	27	29	31	36	41

## CHARACTERISTIC CURVE



## SIBER® ERV EVO 2 Operating principle of the enthalpic recuperator

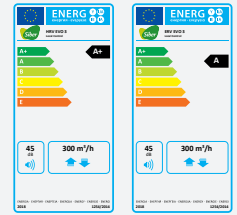
- maximum speed
- half speed
- low speed



Work points	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	75	25	12.61	0.61
2	100	75	25.31	0.91
3	125	50	29.16	0.84
4	150	50	39.20	0.94
5	150	100	49.65	1.19
6	150	150	60.92	1.46
7	150	200	72.60	1.74
8	200	100	81.33	1.46
9	200	150	93.10	1.68
10	200	200	106.48	1.92



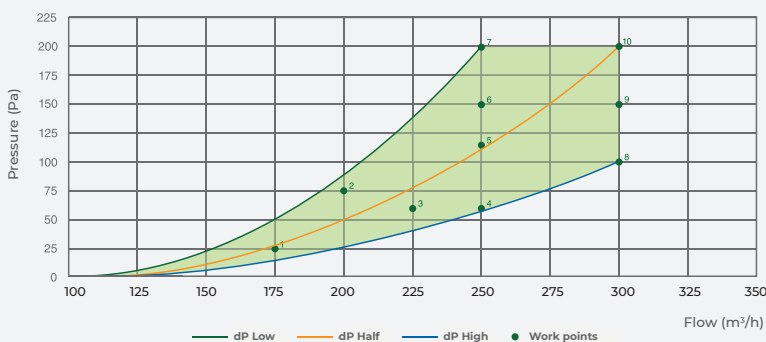
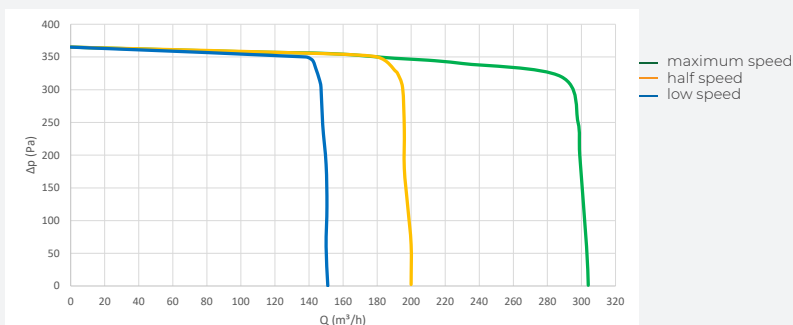
# SIBER HRV EVO 3 / SIBER ERV EVO 3



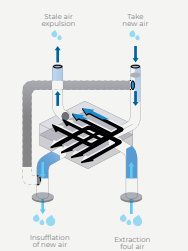
SIBER® HRV EVO 3 / EVO 3 PR / ERV EVO 3				
Supply voltage	230V/ 50 Hz			
Degree of protection	IP 44			
Dimensions (l x w x d)	1160 x 600 x 269 mm			
Connection diameter	Ø 160			
Diámetro de la evacuación de condensados	1/2"			
Weight	36 kg			
Filter classification (included): Extraction/Insufflation	Fiter G4 Coarse 65% / Filter F7 EPM1 55%			
Fan position (standard)				
Wireless intelligent multi-control controller (optional)	0	1	2	3
Ventilation flow (m3/h)	90	120	180	240

Acoustic level SIBER® HRV EVO 3 / ERV EVO 3		
Ventilation flow (m3/h)		210
Acoustic level Lw (A)	Static pressure (Pa)	50
	Box irradiation (dB(A))	45
	Extraction duct (dB(A))	47
	Insufflation duct (dB(A))	59
Acoustic pressure Lp (A) a 1,5m	Box irradiation (dB(A))	30

## CURVA CARACTERÍSTICA



## SIBER® ERV EVO 3 Operating principle of the enthalpic recuperator



Working point	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	175	25	28	0.58
2	200	75	56.2	1.01
3	225	60	66.5	1.06
4	250	60	84	1.21
5	250	120	106	1.53
6	250	150	113	1.63
7	250	200	151	2.17
8	300	100	133	1.60
9	300	150	146	1.75
10	300	200	153	1.84

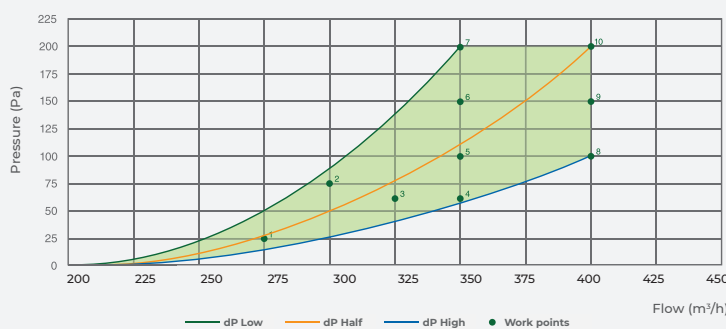
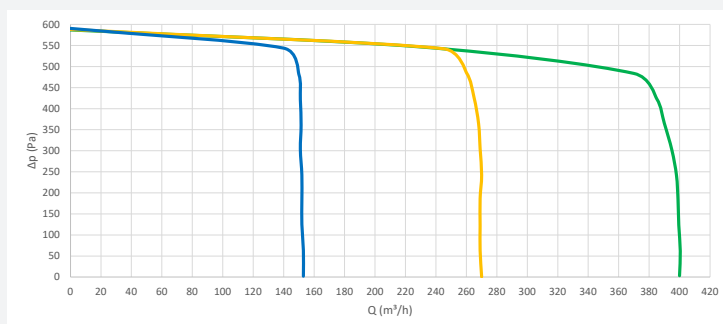
# SIBER HRV EVO 4 / SIBER ERV EVO 4



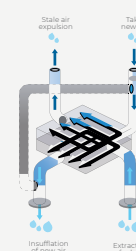
SIBER® HRV EVO 4 / EVO 4 PR / ERV EVO 4					
Supply voltage	230V/ 50 Hz				
Degree of protection	IP 44				
Dimensions (l x w x d)	1160 x 600 x 269 mm				
Connection diameter	Ø 160				
Diámetro de la evacuación de condensados	1/2"				
Weight	39 kg				
Filter classification (included): Extraction/Insufflation	Fiter G4 Coarse 65% / Filter F7 EPM1 55%				
Fan position (standard)					
Wireless intelligent multi-control controller (optional)	0	1	2	3	Maximum
Ventilation flow (m3/h)	180	275	300	350	400

SIBER® HRV EVO 4 / EVO 4 PR / ERV EVO 4								
Ventilation flow (m³/h)		100	200	300	400	300	200	100
Acoustic power Lw (A)	Static pressure (Pa)	100	80	150	100	175	100	175
	Box irradiation (dB(A))	40	45	49	53	55	59	60
	Extraction duct (dB(A))	42	59	49	53	55	59	60
	Insufflation duct (dB(A))	56	59	62	65	66	70	70
Acoustic pressure Lp (A) at 1,5 m	Box irradiation (dB(A))	25	30	34	38	40	44	45

## CHARACTERISTIC CURVE



## SIBER® ERV EVO 4 Operating principle of the enthalpic recuperator



Working point	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	275	25	86.4	1.13
2	300	75	122	1.46
3	325	60	143	1.58
4	350	60	168	1.73
5	350	100	162	1.67
6	350	150	192	1.97
7	350	200	234	2.41
8	400	100	235	2.12
9	400	150	257	2.31
10	400	200	280	2.52



## Complementary products

### FILTERS



ACTIVATED CARBON FILTER
F7 FILTER DF (1 FIL. ISO EPM1 55%)
F9 FILTER DF (1 FIL. ISO EPM1 80%)
G4 FILTER DF (1 FIL. COARSE 65%)
G4/F7 FILTERS DF (COARSE 65% + EPM155%)
G4/F9 FILTERS DF (COARSE 65% + EPM180%)

### CONTROL ACCESORIES

WIRELESS  
REMOTE -  
4 POSITIONS



WIRELESS  
MULTICONTROL  
REMOTE



WIRELESS  
HUMIDITY  
SENSOR



WIRELESS  
CO<sub>2</sub>  
SENSOR





## Sustainable ventilation and air handling systems

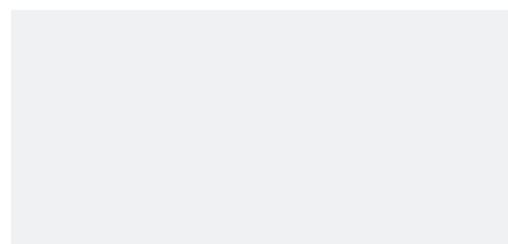


**Ventilación inteligente**



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siber@siberzone.es  
www.siberzone.es



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Madrid-Spain

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