

**VENTILATION
CATALOGUE
2023**

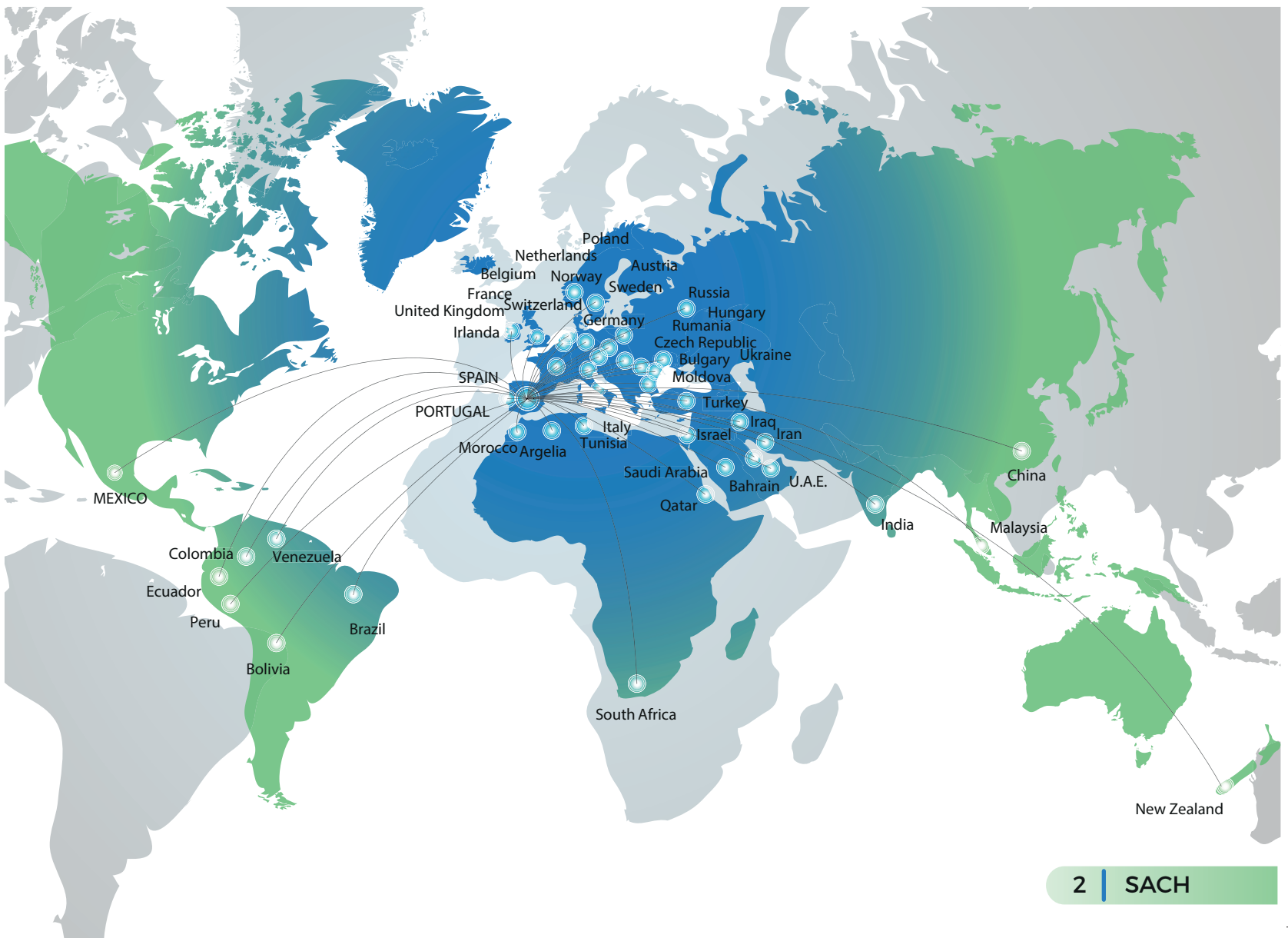
 **sach**
Air to breathe

We're delighted to present to you our new Heat Recovery Ventilation Catalogue which brings together everything you'll need for the perfect, complete installation of a ventilation system, which comes with the guarantee of the Spanish company SACH, specialist in the development, manufacture and distribution of central vacuum systems since 1992.

Constant investment in Research and Development means SACH is able to offer, from its own production facilities, the most technically advanced mechanical ventilation equipment on the market, together with all the relevant accessories necessary to provide the complete ventilation solution for the home.

Our business aim is the total satisfaction of our customers through the continuous evolution of the product and by offering a personalised service.

Thank you for your confidence in SACH!



HRV

The system of **Heat Recovery Ventilation** is used inside homes to control air flow and, by means of a ventilator, extracts stale air and replaces it with **clean, fresh air of the highest quality**.



Eliminates
contaminants
from the air



Controls
air flow by zones



Avoids
the transmission
of infectious
diseases



Saves
energy



Improves
the quality of life



Reduces
the noise level

The **extraction** of stale air takes place in **humid areas** (kitchens, bathrooms, toilets, laundry rooms) simultaneously ensuring the **insufflation** of new filtered air into **dry rooms** (lounge, dining room, bedrooms).



**Efficient
Ventilation**
Ideal for passive
houses



90%
of our time
we spend in closed
spaces

**5 times more
contaminated**
the air inside
compared to outside

+80%
of what we
breathe
is contaminated air

**20 times more
likely to**
pick up illnesses inside

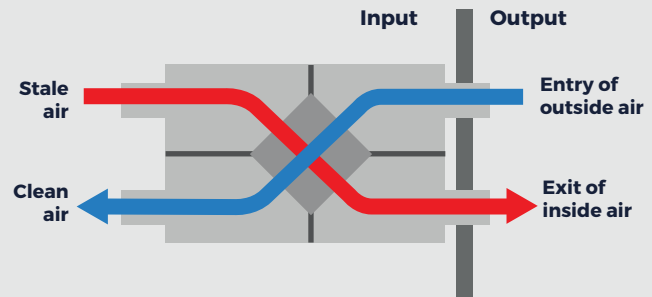


HOW ITS WORKS

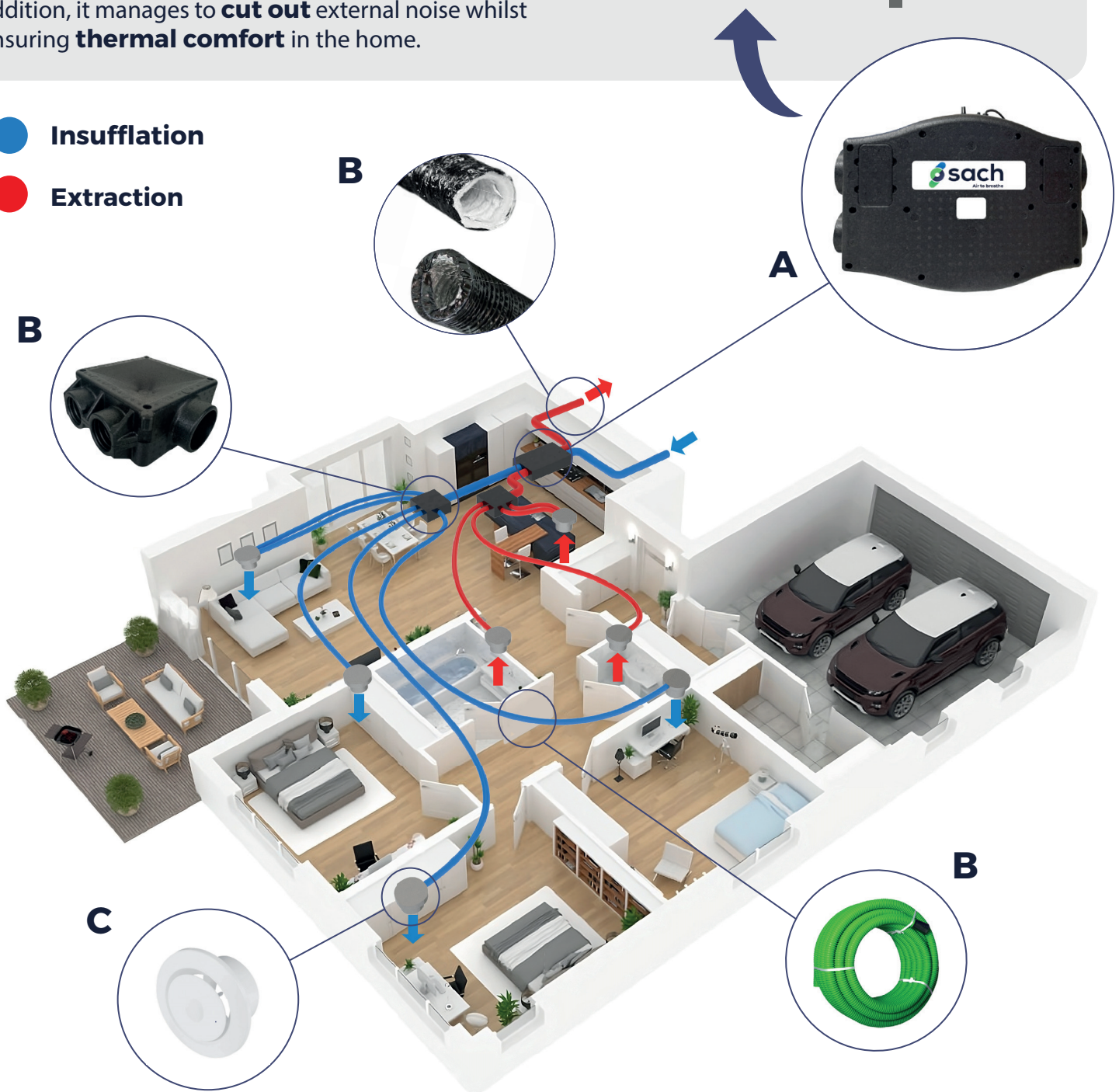


Double Flow System

It's the most innovative system, **achieving** both the input and **extraction** of air mechanically and incorporating a **heat exchanger** which transfers part of the energy contained in the extracted air to the impelled air, with the result that up to **95%** of the heat or coolness of the extracted air is recovered. In addition, it manages to **cut out** external noise whilst ensuring **thermal comfort** in the home.



- Insufflation
- Extraction



DOUBLE FLOW HRV EQUIPMENT (A)



EQUIPMENT COMPACT

The first double-flow HRV unit designed according to the philosophy “**Keep It Simple.**” As a result, the **Compact 280** is the **smallest**, most **lightweight** double flow unit in the world, striking the perfect balance between simplicity, performance and price. Control its 280m³ of air flow easily from the **potentiometer**.



Compact 280

Ref. VM0280-SC/E



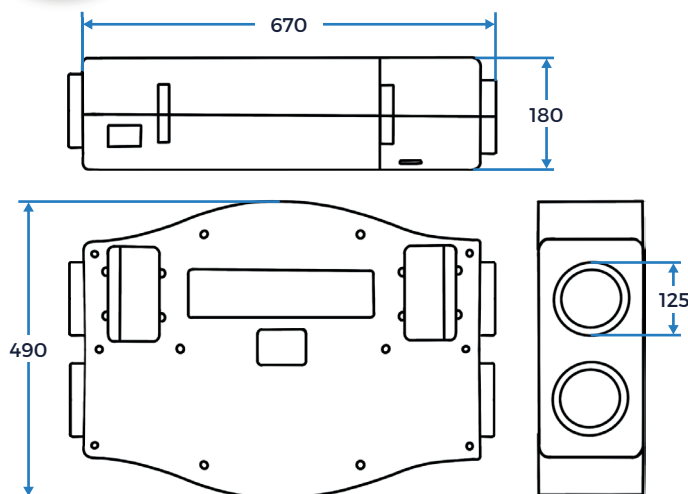
TECHNICAL SPECIFICATIONS

Power (Min-Max) (W)	12-56
Power Supply (V)	230
Air Flow (m ³ /h)	280
Noise (db)	46
Input / Output Filter	F7
Thermal Efficiency (%)	80
Amperage (A)	<2
Weight (Kg)	5
Installation	Horizontal or Vertical



VMR2003-SC

On/Off speed regulator knob
Compact 280



Measurement units: in mm



Installation
easy and ultra-compact design



Exchanger
counterflow plate



Motores
EC Technology

DOUBLE FLOW HRV EQUIPMENT (A)



EQUIPMENT SENSE

Sense is our flagship range, combining performance with cutting-edge double-flow HRV technology. Integrate the temperature, humidity, pressure and CO₂ **sensors** to adjust its by-pass and speed automatically. Control all the information from the stylish **digital display** which is also included.



Sense 200

Ref.VM0200-SC/E



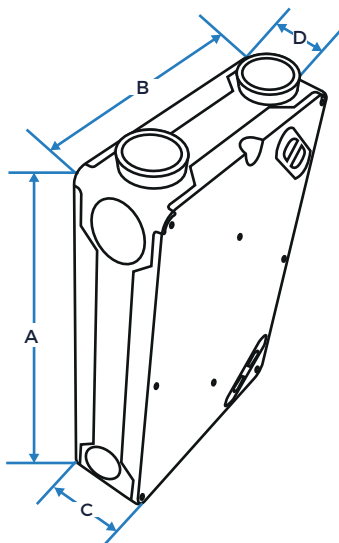
Sense 300

Ref.VM0300-SC/E



TECHNICAL SPECIFICATIONS

	200	300
Power Max.(W)	60	180
Power Supply (V)	230	
Air Flow (m ³ /h)	200	300
Noise (db)	26	36
Input / Output Filter	F7	
Thermal Efficiency Max.(%)	95	
By Pass	Yes	
Remote Control	Yes	
Sensors	T°, RH, COV, CO ₂	
Energy Classification	A	
Weight (Kg)	23	36
Installation	Horizontal or Vertical	



By Pass

ByPass
intelligent and automatic



Modbus RTU
compatible



EC
TECHNOLOGY

Motors
EC Technology



Exchanger
counterflow plate

*Adjustable connections

Dimensions	A	B	C	D
Sense 200	970	600	210	125
Sense 300	1170	820	270	160

Measurement units: in mm

DOUBLE FLOW HRV EQUIPMENT (A)



EQUIPMENT DOMINION

The **Dominion** range is designed for **large homes** which, because of their size, require greater air-flow. Integrate the temperature and humidity **sensors** to adjust its by-pass and speed automatically. Control all the information from the **digital display** which is also included.



Dominion 560

Ref.VM0560-SC/E

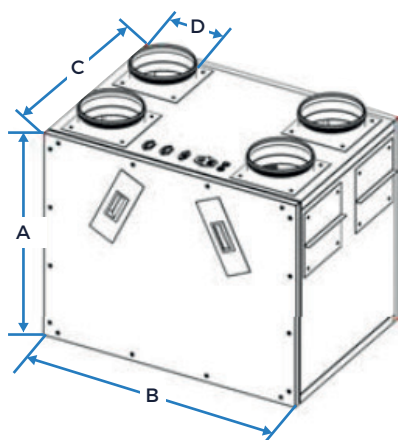


Dominion 700

Ref.VM0700-SC/E



TECHNICAL SPECIFICATIONS	560	700
Power Max.(W)	240	330
Power Supply (V)	230	
Air Flow (m3/h)	560	700
Noise (db)	48	
Input / Output Filter	G4	
Energy efficiency (%)	90	88
Automatic By Pass (%)	100	
Control Panel	Digital	
Sensors	Temperature and Humidity	
Energy Classification	A+	
Weight (Kg)	70	
Installation	Vertical	



ByPass
intelligent and automatic



Modbus RTU
compatible



Motors
EC Technology



Exchanger
counterflow plate

*Adjustable connections

Dimensions	A	B	C	D
Dominion 560	635	785	555	160
Dominion 700	635	785	555	180

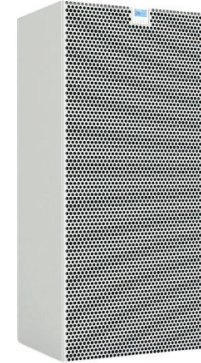
Measurement units: in mm

DOUBLE FLOW HRV EQUIPMENT (A)



EQUIPMENT SPACE

The **Space** range has been designed for those types of building such as **schools, universities or offices** already built which don't have double-flow HRV. They **monitor** and **reduce** CO₂ levels, thereby improving the cognitive capacity of students and employees. At the same time they reduce acoustic contamination since it's no longer necessary to open windows for ventilation or to maintain a constant temperature.



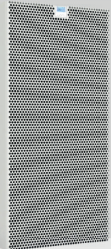
Space 500

Ref.VM0501-SC/E



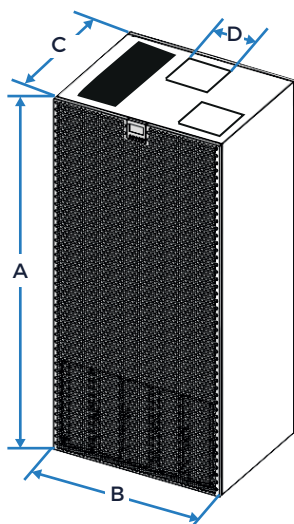
Space 700

Ref.VM0701-SC/E



TECHNICAL SPECIFICATIONS

	500	700
Power Max.(W)	170	320
Power Supply (V)	230	
Air Flow (m3/h)	500	700
Noise (db)	26	36
Input / Output Filter	M5, G4 y F7	
Thermal Efficiency Max.(%)	95	
Automatic By Pass (%)	100	
Digital Panel	Yes	
Sensors	Carbon dioxide	
Energy Classification	A+	
Weight (Kg)	140	160
Installation	Vertical	



ByPass
intelligent and automatic



Modbus RTU
compatible



Motors
EC Technology



Exchanger
counterflow plate

*Adjustable connections

Dimensions	A	B	C	D
Space 500	1650	780	575	160
Space 700	1650	780	625	180

Measurement units: in mm

DOUBLE FLOW HRV EQUIPMENT (A)



EQUIPMENT BREEZE

Thanks to their reduced size, the models in the **Breeze** range are ideal for restoration projects in **limited space**. They run continuously for 24 hours but with **low energy consumption**. Their HRV mechanism is **decentralized** so there is no need for large units controlling the air in dry or humid rooms.



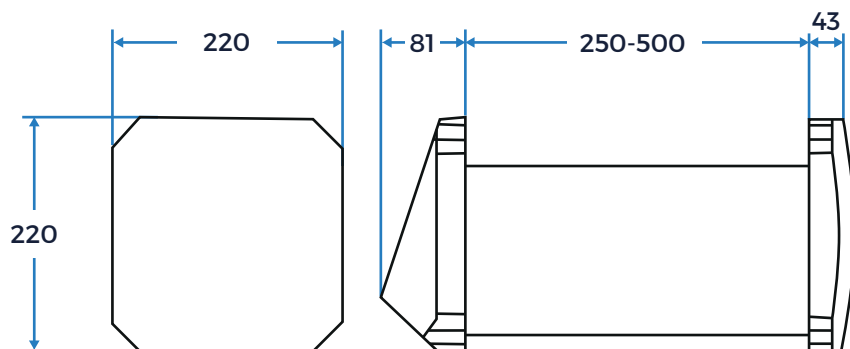
Breeze 60

Ref. VM0060-SC/E



TECHNICAL SPECIFICATIONS

Power (Min-Max) (W)	1.2-6.3
Power Supply (V)	230
Air Flow (m ³ /h)	60
Noise (db)	28-48
Input / Output Filter	G3
Thermal Efficiency Max.(%)	90
Sensors	Temperature and Humidity
Remote Control	Yes
Weight (Kg)	1
Installation	Horizontal or Vertical



Measurement units: in mm



Installation

easy and ultra-compact design



Exchanger

ceramic



Motor

EC Technology

INSTALLATION EQUIPMENT (B)



Product	Reference	Description
	VMI0675-SC	Distribution unit 1x Φ 125 - 6x Φ 75
	VMI1250-SC	Insulated flexible pipe (condensation) Φ 125 10M
	VMI1251-SC	Insulated flexible pipe (noise and condensation) Φ 125 10M
	VMI1600-SC	Insulated flexible pipe (condensation) Φ 160 10M
	VMI1601-SC	Insulated flexible pipe (noise and condensation) Φ 160 10M
	VMI0750-SC	Flexible pipe Φ 75 50M
	VMI2001-SC	Short Plenum 2x Φ 75 - Φ 125
	VMI2002-SC	Long Plenum 2x Φ 75 - Φ 125
	VMI2020-SC	Plenum for dry wall (direct connection to the piep) Φ 125 Borea/Aurea
	VMI2016-SC	Fixing collar for Borea and Aurea with long plenum
	VMI1255-SC	Pipe Φ 125 0,5M
	VMI2003-SC	Flow regulator Φ 125
	VMI2004-SC	Backflow valve Φ 125
	VMI2019-SC	Backflow valve Φ 160

INSTALLATION EQUIPMENT (B)



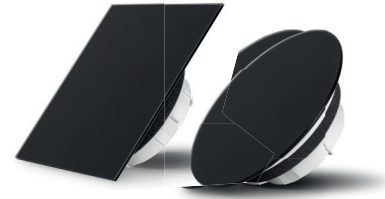
Product	Reference	Description
	VMi2005-SC	Y metal Ø125
	VMi2006-SC	Y metal Ø160
	VMi2007-SC	Reduction Ø125 - Ø100 - Ø125
	VMi2008-SC	Double fixing clamp for flexible pipe Ø75mm
	VMi2009-SC	Plenum Plug Ø75
	VMi2010-SC	Pipe plug Ø75
	VMi2011-SC	mounting brackets
	VMi2012-SC	Pipe cutter Ø75
	VMi2013-SC	O'Ring Ø75
	VMi2014-SC	O'Ring Ø125
	VMi2015-SC	Perforated mounting tape 10M
	VMi2018-SC	Reducción Ø160 - Ø125
	VMi2017-SC	Union for flexible pipe Ø75



DIFFUSERS AND GRIDS (C)





















Design Glass diffusers

Their **minimalist design** combines a unique shape with a pristine surface evoking **harmony**. Made from a **unique** type of **glass**, they allow for adjustable insufflation or extraction of air through the walls or ceilings of a home.











Form / Price	Colors / References				Glossy Finishes
Square 	White Soft	White Pure	White Pearl	Grey Metal	
					
	VMB1254BSB-SC	VMB1254BPB-SC	VMB1254CRB-SC	VMB1254GCB-SC	
					
VMB1255BSB-SC	VMB1255BPB-SC	VMB1255CRB-SC	VMB1255GCB-SC		
Round 	Brown Light	Black Classic	Anthracite	Aluminium	
					
	VMB1254MCB-SC	VMB1254NEB-SC	VMB1254AAB-SC	VMB1254ALB-SC	
					
VMB1255MCB-SC	VMB1255NEB-SC	VMB1255AAB-SC	VMB1255ALB-SC		

Form / Price	Colors / References				Matte Finishes
Square 	White Soft	White Pure	Beige Warm	Green Soft	
					
	VMB1254BSM-SC	VMB1254BPM-SC	VMB1254BCM-SC	VMB1254VSM-SC	
					
VMB1255BSM-SC	VMB1255BPM-SC	VMB1255BCM-SC	VMB1255VSM-SC		
Round 	Brown Light	Black Classic	Anthracite	Silver	
					
	VMB1254MCM-SC	VMB1254NEM-SC	VMB1254AAM-SC	VMB1254PCM-SC	
					
VMB1255MCM-SC	VMB1255NEM-SC	VMB1255AAM-SC	VMB1255PCM-SC		

DIFFUSERS AND GRIDS (C)

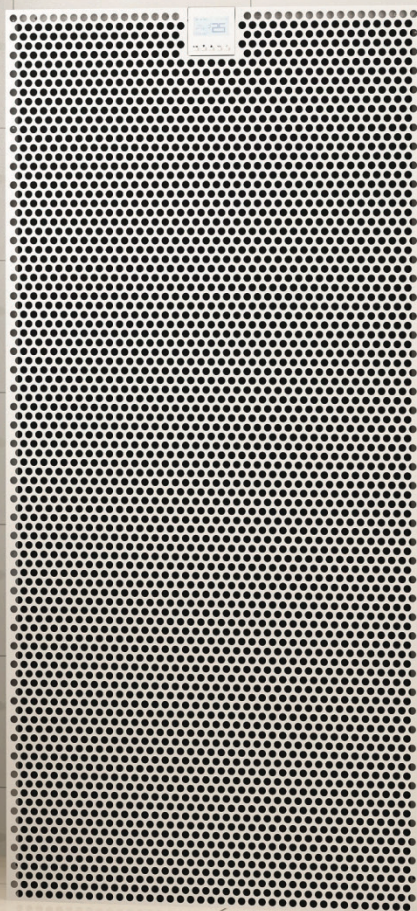


Producto	Referencias	Descripción
	VMB0750BL-SC	Extraction vent Ø75
	VMB0751BL-SC	Impulsion vent Ø75
	VMB1250BL-SC	Extraction vent Ø125
	VMB1251BL-SC	Impulsion vent Ø125
	VMB1252BL-SC	Aurea extraction/impulsion vent Ø125mm
	VMB1253BL-SC	Borea extraction/impulsion vent Ø125mm
	VMB1409BL-SC	External extraction / impulsion grill 140x140
	VMB1609BL-SC	External extraction / impulsion grill 160x160

SPARE PARTS

References	Description
VMR1001-SC	Breeze filter F7 200/300
VMR1002-SC	Breeze ceramic heat exchanger 60
VMR2001-SC	Compact filter F7 280
VMR2002-SC	Counterflow heat exchanger Compact 280
VMR3002-SC	Counterflow heat exchanger Sense 150 / 300

References	Description
VMR3001-SC	Sense Filter F7 150 / 300
VMR3003-SC	Sense digital display 200/300
VMR4001-SC	Dominion filter G4 560/700
VMR4002-SC	Counterflow heat exchanger Dominion 560 / 700
VMR4003-SC	Dominion digital display 560/700



**More
comfort**
Perfect for
your home



Sachvac.com

Calle Vereda de los Barros 67
Pol. Ind. Ventorro del Cano
28925 - Alcorcón, Madrid
Spain



+ 34 91 633 34 93
+34 635 41 49 80



@sachvacuum



@sachvacuum



@sachvacuum



@sachvac

