

let your OFFICE BREATHE

HAND DRYERS

air blade technology **MOD. CONCORDE**

Optimal solution to remove paper and replace the old models with button. CONCORDE is able to minimize drying time and electric consumption thanks to the absence of any heating element inside (about 1500W less compared to the common hand dryers).



AIR PURIFIER

with plasma generator **MOD. PA600**

Breathing clean air is very important. The two filters HEPA and HEPA 1 types retain up to 99,7% of bacteria, dust mites and molds present in the air of the house. The O.ERRE purifier neutralizes the air impurities to the benefit of our health.



HEAT RECOVERY

unit **MOD. GHOST/TEMPERO**



The perfect solution to grant a proper mechanical ventilation in single premises where a ducted ventilation system cannot be used due to space reasons. The airflow covers 60 m³/h both for air extraction and intake thus ensuring an adequate ventilation also in high-sized rooms (up to 42 m²). The alternate flow system ensures an indoor constant air quality.

AIR EXTRACTOR

Low power consumption **MOD. MULTI**

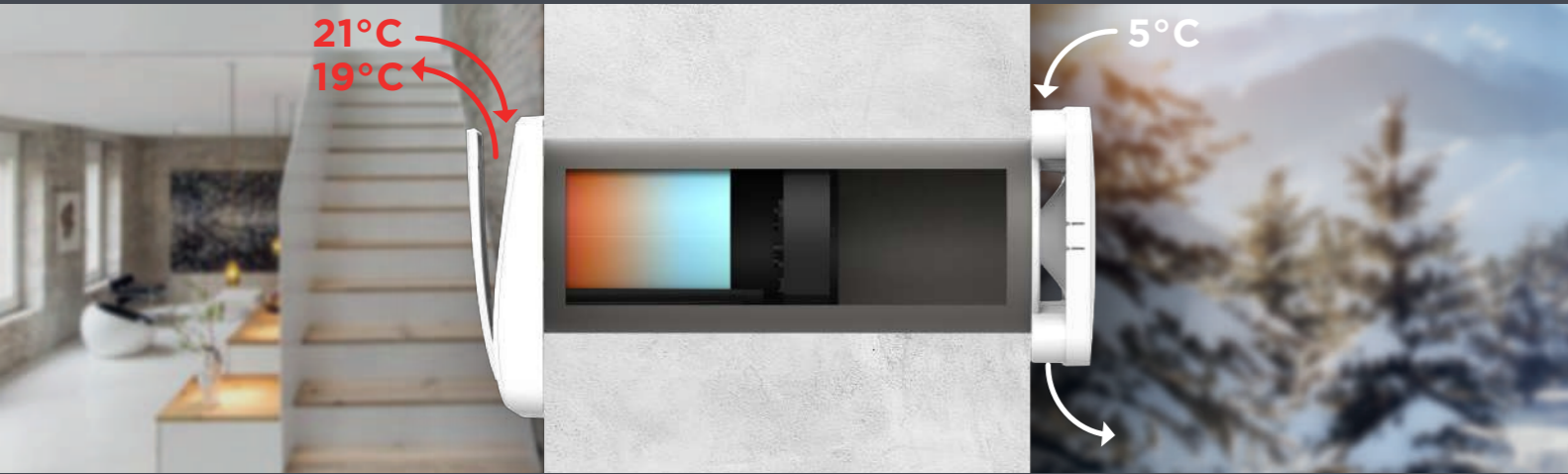


Ideal to ensure a proper ventilation in the premises. MULTI allows maximal flexibility of installation being adaptable on ducts with several diameters 80-90-100-120m



INDOOR +21°C

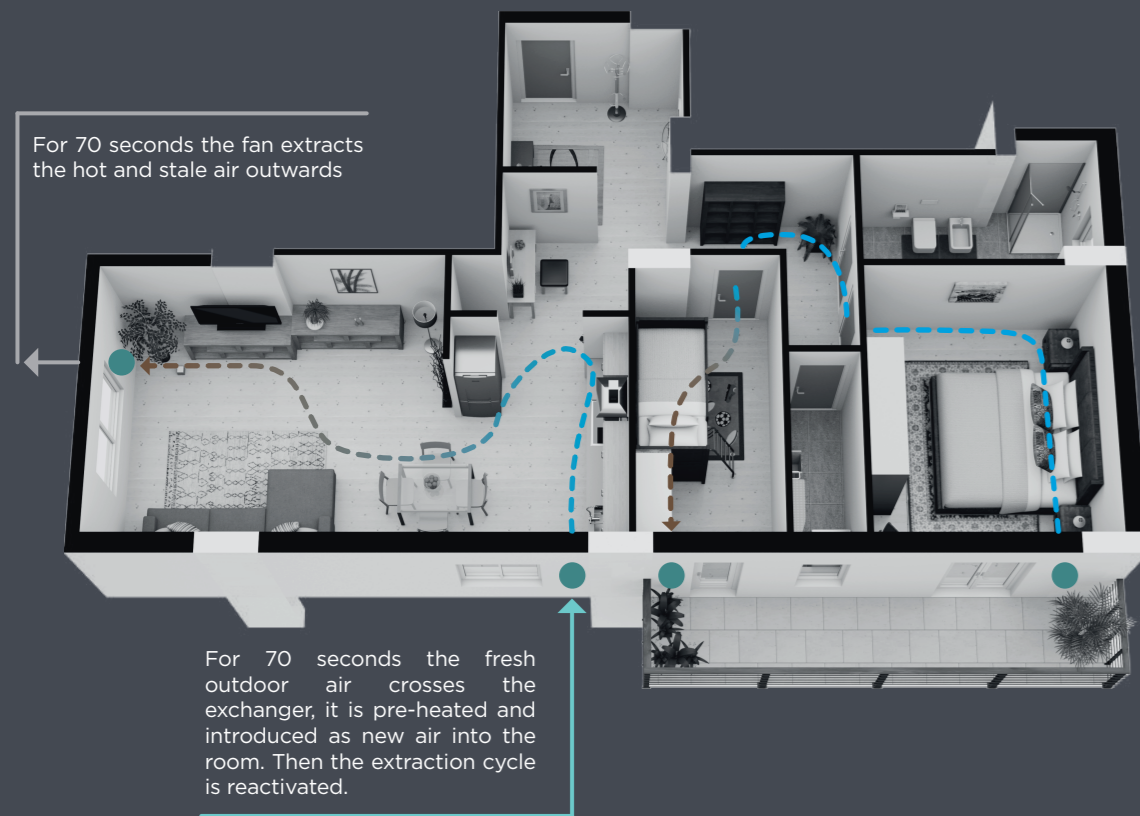
OUTDOOR 5°C



For 70 seconds Ghost extracts to the outside the hot and stale air present in the room. By crossing the duct the air releases its thermal energy which is accumulated by the ceramic exchanger; at the end of this cycle the fan reverses the direction of rotation and starts the input cycle for another 70 seconds. The outdoor fresh air, passing through the hot ceramic exchanger, recovers the thermal energy and is introduced into the room at a more comfortable temperature. This allows to achieve significant energy savings, as it prevents the heating system from operating at maximum intensity as would happen in the event of air exchange by opening the windows.

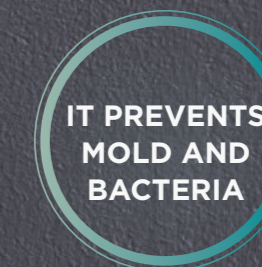
PRINCIPLE OF THE DECENTRALIZED RESIDENTIAL VENTILATION

The thermal energy is collected in a ceramic exchanger as long as it reaches the maximum capacity. Every 70 seconds the fan reverses the direction of the rotation alternating air extraction and air intake cycles.



GHOST

CONTROLLED MECHANICAL VENTILATION UNIT



Extracted from:
THE INSTALLATIONS AND THE SPREAD OF THE SARS-COV2-19 IN THE WORKPLACE, document drawn up by the Italian Association Air Conditioning, Heating and Refrigeration www.aicarr.org - info@aicarr.org.

Ventilation and risk of infection
Considering that the external air is not normally contaminated with the virus, AiCARR recommends a constant ventilation in the environments without any mechanical ventilation equipment installed; where the ventilation system is present supplying fresh air inside, AiCARR suggests to keep it on all the time, (24 hours a day, 7 days a week) and make it running at the nominal speed or maximum speed allowed by the system to remove the particles in the air (aerosol) and reduce the deposition on the surfaces. The mechanical ventilation and air filtration are possible through dedicated systems (only ventilation) or air conditioning systems (mix primary air and all-air plants); the dilution with external air and high efficiency filters reduce the presence of particulates and bio-aerosols thus helping to decrease the risk of infection.



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DECENTRALIZED HEAT RECOVERY UNIT ALTERNATE FLOW

GHOST is the perfect solution to grant a proper mechanical ventilation in homes and business premises, in case of renovations and in all situations where a ducted system cannot be used due to space reasons. Ghost is easy to install and has a modern and sleek design. This means that the fan can blend seamlessly into any environment. It can be quickly installed on 160mm ducting. The airflow covers 60 m³/h both for air extraction and intake, thus ensuring an adequate ventilation also in high-sized rooms. The alternate flow system ensures an indoor constant air quality.

1 MAINTENANCE
easy and fast

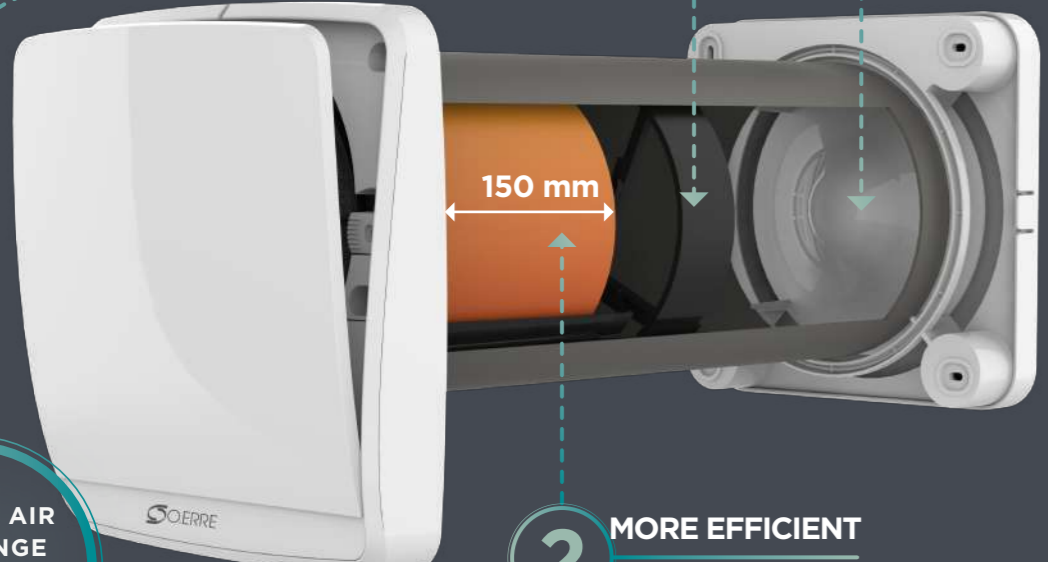
No terminal board affected when removing the ventilation unit.

2 MORE EFFICIENT

Longer heat exchanger 150mm ensuring higher efficiency

3 MORE SILENT

- External grille designed to guarantee a better airflow and to reduce the outside noise.
- Motor housing inside the wall behind the heat exchanger.



* estimated time for room size of about 20sqm

3 VERSIONS:

BASE

- Possible to control by remote (wall switch not supplied)
- ON/OFF
- 1 and 2 speed

ACTIVE

- Wire connection between the units:
- display remote control (accessory sold separately)
- integrated humidity and twilight sensors which allow several automatic functioning modes (see remote control)
- Up to 16 units communicating in sequence in the same system in master/slave mode, through easy dip switches configuration
- 3 adjustable speeds (plus night version)

WIRELESS

- Wireless connection between the units:
- display remote control (accessory sold separately)
- integrated humidity and twilight sensors which allow several automatic functioning modes (see remote control)
- up to 16 units communicating in sequence in the same system in master/slave mode, through easy dip switches configuration.
- 3 adjustable speeds (plus night version)

DISPLAY REMOTE CONTROL

SURVEILLANCE MODE

The product remains in sleep mode keeping the sensors active. In case the humidity level detected in the environment is higher than the preset one, the product will automatically start running until reset values.

AIRFLOW SPEED

- 3 Speed levels: 60 m³/h
- 40 m³/h
- 20 m³/h

AUTO MODE

Automatic operation with heat recovery through humidity and twilight sensors.

NIGHT FUNCTION

It allows to minimise the flow rate and the noise during the night.

FLOW FUNCTION

It allows to select the direction of the air flow.

FILTER RESET

After 3000 hours operations the unit requires ordinary maintenance (filter cleaning). Through the same button, after completing the maintenance, the normal operation can be restored.

HUMIDITY CONTROL

- 90%
- 60%
- 40%

MANUAL MODE

Running mode with heat recovery at the manually set speed (the sensors excluded)

BOOST FUNCTION

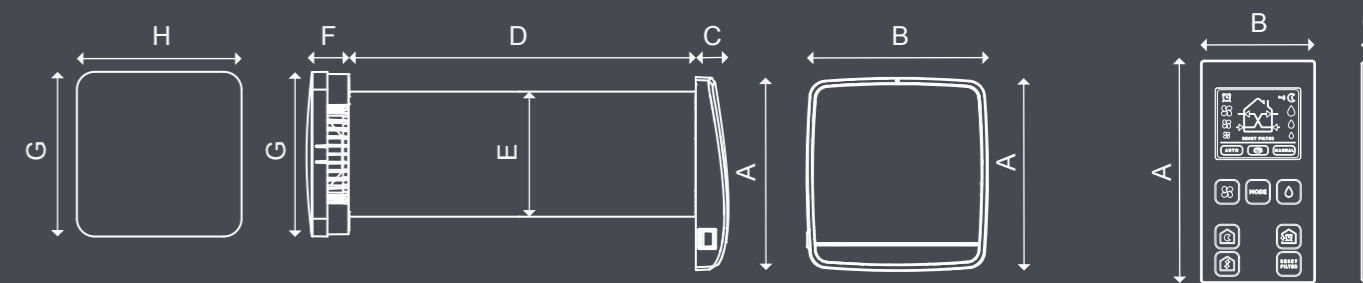
It allows the air extraction at the maximum speed for a certain time.

OPTIONAL - FILTER KIT ISO COARSE 45%

<p>ISO COARSE 45% optional kit</p> 	<p>STANDARD filter supplied</p> 	<p>ISO COARSE 45% optional kit</p> 
<ul style="list-style-type: none"> 42 m³/h 28 m³/h 12 m³/h 5 m³/h 		<ul style="list-style-type: none"> 50 m³/h 32 m³/h 15 m³/h 7 m³/h

ISO COARSE 45% filter, in comparison to the standard dust filters, allows a more efficient filtration of particles with the diameter superior to 10um (like hair, pollen, sand, generic dust)

DIMENSIONS



MODEL	A	B	C	D	E	F	G	H
GHOST	250	233	40	500	Ø160	48	212	212

A	B	C
106	54	9



- Motor housing placed inside the wall behind the heat exchanger to make the product highly silent.
- High efficiency heat exchanger (up to 93%) made of ceramic material.
- Made of long life, high quality finest materials, with elegant design.
- Front cover in ABS.
- Tilting opening system of the front panel to prevent ingress of air when the fan is OFF.
- External grille made of ABS specifically designed to reduce the outside noise.
- Standard duct lenght 500mm, 700mm lenght available on request.
- 250mm minimum wall depth - 3mt maximum wall depth (2,5mt in case of 90° curve).
- DC ball bearing motorimpeller, brushless with electronic commutation.
- Long life and low energy consumption.
- Easy cleaning and maintenance.
- Double dust filter, washable and easy to access for maintenance operations.
- IPX4 protection degree.
- Led indicator for functions and filter cleaning.
- Humidity and twilight sensors (active and wireless versions).
- The last set function is saved and automatically restored in case of interruption of the power supply.
- Caps for pipe in case of future installation in the construction site.
- No condensation drainage required.
- Working Temperature Range: - 30°C + 50°C.

FIXING: wall

CE IPX4

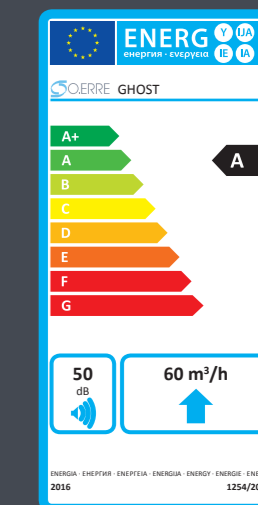
TECHNICAL DATA

Model	Code	Ø Hole (mm)	Voltage (Volt)	Frequency (Hz)	Flow rate "IN" (m ³ /h)	Flow rate "OUT" (m ³ /h)	Pressure (mmH ₂ O)	Pressure (Pa)	Power (W)	Sound level dB(A) _{1m}	Weight (Kg)
GHOST 160 BASE	0010530	160	220-240	50	60	60	5,5	54	6,7	30	5
GHOST 160 ACTIVE	0010540	160	220-240	50	60	60	5,5	54	6,7	30	5
GHOST 160 WIRELESS	0010550	160	220-240	50	60	60	5,5	54	6,7	30	5

Model	Code
TC GHOST	0010560

PERFORMANCE

Model	Night speed			Speed 1			Speed 2			Speed 3		
	Flow rate (m ³ /h)	Power (W)	Sound level dB(A) _{1m}	Flow rate (m ³ /h)	Power (W)	Sound level dB(A) _{1m}	Flow rate (m ³ /h)	Power (W)	Sound level dB(A) _{1m}	Flow rate (m ³ /h)	Power (W)	Sound level dB(A) _{1m}
GHOST 160 BASE	-	-	-	20	4,2	9	-	-	-	60	6,7	30
GHOST 160 ACTIVE	10	3,9	4	20	4,2	9	40	5,5	21	60	6,7	30
GHOST 160 WIRELESS	10	3,9	4	20	4,2	9	40	5,5	21	60	6,7	30



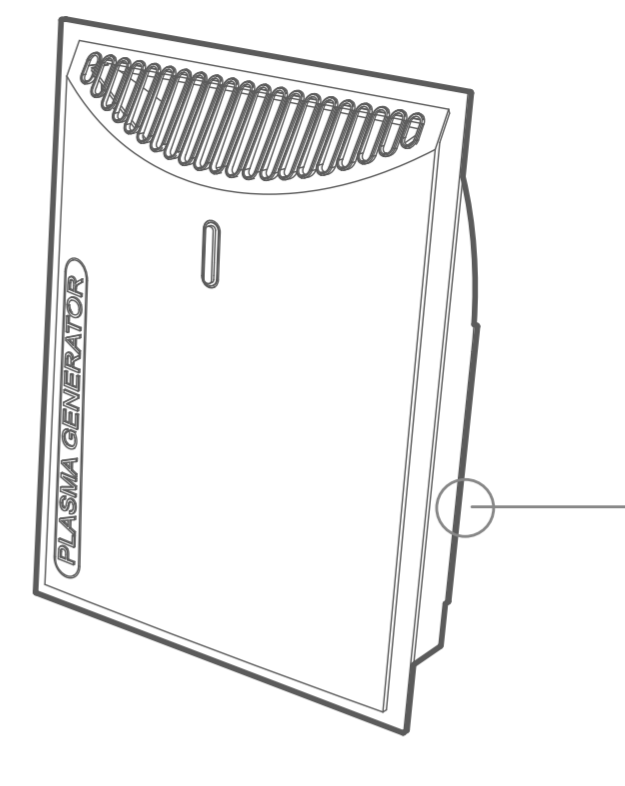


Trattamento aria

PA600 - Purificatore a ioni con filtro Hepa1



PA600 - Purificatore a ioni con filtro Hepa1



Purificatore equipaggiato con un filtro combinato **HEPA1** così composto:

1. Pre-filtro ai carboni attivi che elimina gran parte degli odori e del fumo di sigaretta
2. Filtro **HEPA** in fibra di vetro che purifica l'aria dalle più piccole particelle quali pollini, acari, spore e batteri.

La loro combinazione permette una capacità di **filtrazione e purificazione** pari al **99,97%**.

Il **GENERATORE DI PLASMA** presente emette ioni positivi e negativi nell'aria che la purificano in maniera naturale dagli elementi nocivi in essa presenti. Grazie a questa funzione l'utilizzatore, avvicinandosi semplicemente, percepirà una piacevole "brezza" di aria pulita.

Dotato inoltre di due modalità di lavoro, potrete scegliere tra la modalità giorno oppure la modalità notte che permette di ridurre il livello di rumore percepito.

Specifiche tecniche.

<i>Dimensioni</i>	125 x 250 x 332 mm
<i>Peso</i>	1,4 Kg
<i>Alimentazione</i>	230 V - 50 Hz
<i>Potenza</i>	40 W
<i>Tensione d'ionizzazione</i>	5 KV
<i>Flusso d'arai in ingresso max</i>	42 m ³ /h
<i>Volume max</i>	55 m ³



FINITURA
Azzurro polvere



MULTI

ASPIRATORE ELICOIDALE



UNIVERSAL

4,9
W

SILENT

 SO.ERRE

AXIAL FAN FOR THE EXTRACTION OF THE AIR DIRECTLY OUTSIDE OR THROUGH SHORT DUCTING

MULTI is an axial fan capable of moving big volumes of low pressure air. Complete with four adapters, available with the diameters of 80, 90, 100 and 120mm, allows the maximal flexibility of installation with one unique product. Multi is equipped with a new brushless motor of high efficiency and easy maintenance, with reduced consumption with 4,9W. About 70% less than market average. Compact and essential design finds an easy insertion in every kind of environment, civil or commercial. Suitable for the ventilation of small and medium rooms like bathrooms, kitchens, laundries and offices. Only one product, able to unite flexibility, high performance and elevated silence.



ONE UNIQUE PRODUCT FOR SEVERAL DIAMETERS

Four adapters, with diameters 80/90/100/120mm included



HIGH EFFICIENCY NEW BRUSHLESS MOTOR

- Reduced consumption
- Minimal maintenance
- Silence and comfort granted



ENERGY SAVING

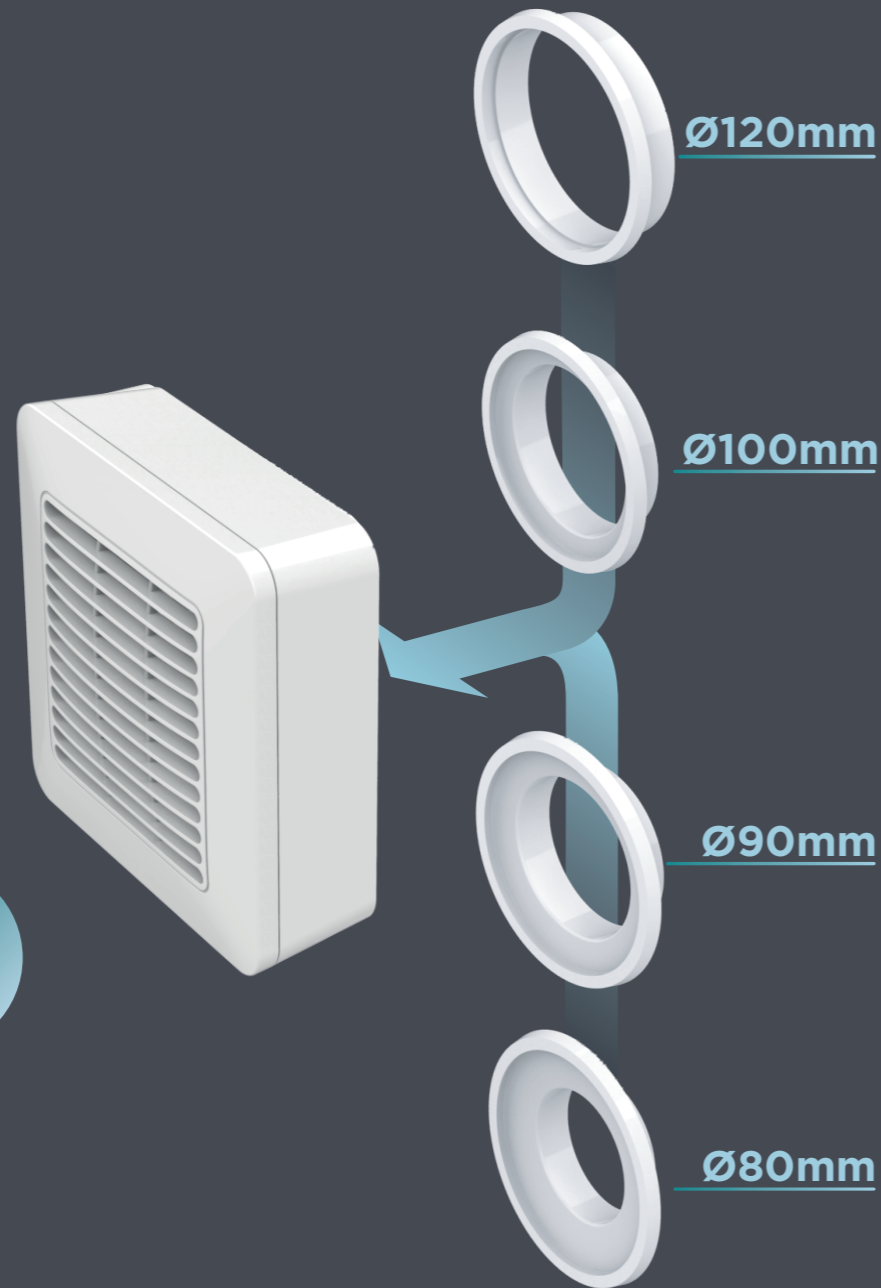
Thanks to the new motor, the consumption is reduced up to 70%

-70%

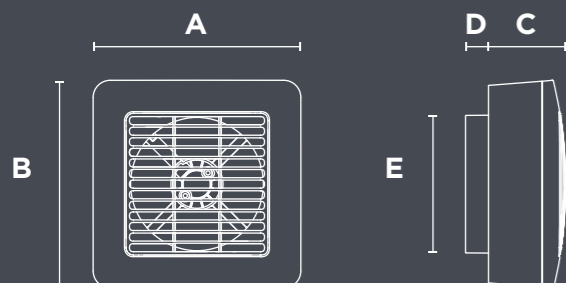


MAXIMAL SILENCE AND COMFORT

Only 33 dB(A)_{3m}



DIMENSIONS



MODEL	A	B	C	D	E
MULTI	180	180	60	20	Ø80-90-100-120

TECHNICAL DATA

Model	Code	Ø Hole (mm)	Voltage (Volt)	Frequency (Hz)	Flow rate (m ³ /h)	Press. Max (mmH ₂ O)	Press. Max (Pa)	Power (W)	Noise dB(A) _{3m}	Weight (Kg)
MULTI	0057800	80-90-100-120	220-240	50-60	175	5,2	51	6,9	33	0,6
MULTI T	0057801	80-90-100-120	220-240	50-60	175	5,2	51	6,9	33	0,6
MULTI HT	0057802	80-90-100-120	220-240	50-60	175	5,2	51	6,9	33	0,6



Axial fan to extract air directly outside or through short ducting

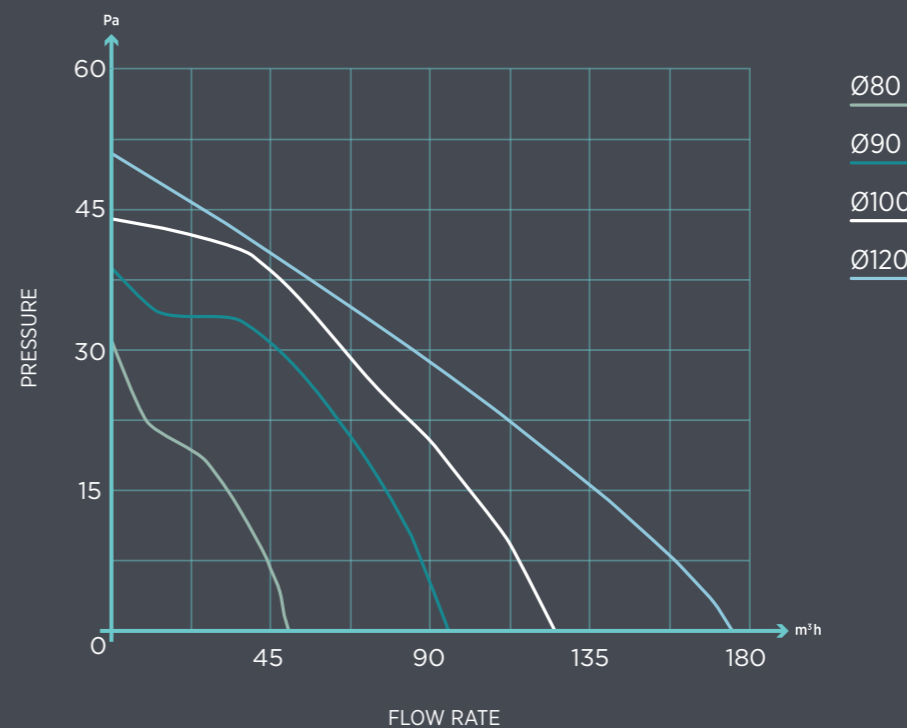
- Operation indicator light
- Click assembly grid
- Two fixing screws and click assembly of the grille for an easy installation
- Suitable for ducts Ø80-90-100-120 thank to the four interchangeable back conveyor
- Made of ABS anti-UV
- Ball bearing DC motor, for a long life and a low power consumption
- Versions: Base, Timer, HT
- IPX4 protected
- 45°C working temperature
- Glass kit (optional)

• **POSITIONING:** Wall mounting, ceiling mounting and glass mounting with an optional kit

CE □ IPX4 T 45

PERFORMING DATA

Modello	MULTI Ø 80			MULTI Ø 90			MULTI Ø 100			MULTI Ø 120		
	Flow rate (m ³ /h)	Power (W)	Noise dB(A) _{3m}	Flow rate (m ³ /h)	Power (W)	Noise dB(A) _{3m}	Flow rate (m ³ /h)	Power (W)	Noise dB(A) _{3m}	Flow rate (m ³ /h)	Power (W)	Noise dB(A) _{3m}
MULTI	50	4,9	33	95	6,4	33	125	6,4	33	175	6,9	33





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