

DOMESTIC VENTILATION



DIY catalogue 2021

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ABOUT THE COMPANY



Blauberg Ventilation offers a wide scope of ventilation equipment which combines innovative technology, contemporary design and German quality.

The Company offers a wide range of domestic fans, ventilation units with heat recovery, industrial fans, and various accessories for creating ventilation systems.

OUR PHILOSOPHY

Our philosophy is to cultivate long-term client relations based on trust and reliability. We manufacture ventilation equipment to the highest German Standards, along with professional customer service and technical support.



100+

OVER 100 MILLION
FANS MADE BY US

110

COUNTRIES WHERE YOU
CAN BUY OUR PRODUCTS

3500

EMPLOYEES
WORLDWIDE

BLAUBERG
GROUP

Blauberg Ventilation is a part of the international group of companies Blauberg Group.

The Group headquarters as well as the R&D center and the quality control laboratory are located in Munich, Germany.

The Group is represented by a great number of offices and companies all over the world, ensuring timely supply and servicing.

Blauberg Group develops ventilation technology which complies with European and international standards and requirements specific to efficiency, reliability and safety.

Continuous improvement of the entire process flow, stringent product quality assurance at each production step, active implementation of innovative technology and consistent improvement of consumer appeal of the products were the key elements of the group's strategy of earning international recognition and making the Blauberg Group brands stand for uncompromising quality.



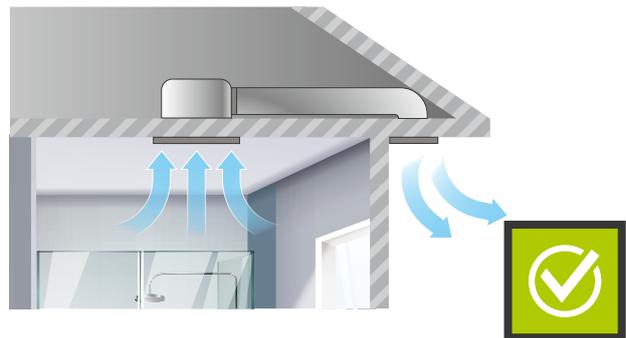
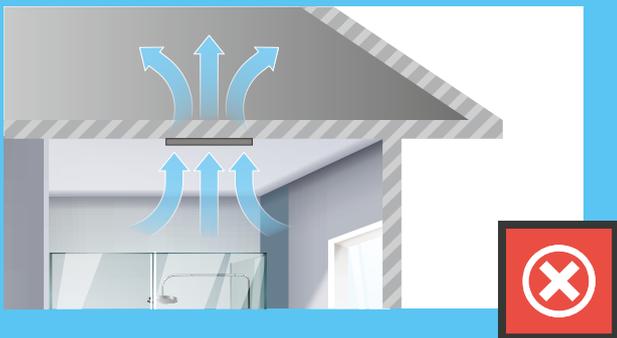
VENTILATION

IT'S IMPORTANT FOR OUR HEALTH
AND HOME ENVIROMENT

Poor ventilation associated with damp and stale air, causes a number of unhealthy living conditions with condensation and mould, along with increased costs of building maintenance caused by damage to interior surfaces.

Australian & New Zealand Standards require a minimum airflow rate for toilets, bathrooms, ensuites and toilets of $90 \text{ m}^3/\text{h}$ (25 l/s). These standards however aren't adequate to remove steam from bathrooms and ensuites when a shower is being used, and the recommendation is between $252 - 324 \text{ m}^3/\text{h}$ (70 - 90 l/s).

In Australia venting a ceiling fan into a ceiling space is not allowed, where a metal roof has sarking or is lined, unless the roof space is ventilated through roof vents or grilles in the soffit. The professional recommended method for ventilation of all stale and damp air, is for it to be ventilated to the outside of building.



Blauberg fans comply with the Building Code requirements of Thermal Performance, by including a backdraft damper in the majority of our fans. This is designed to seal off the fan when not in use. Backdraft dampers are available as an accessory for code compliance.

Blauberg Ventilation offers an extensive range of German designed and manufactured ventilation options, designed to comply with Australian and New Zealand Standards when installed correctly. Installation of ducting must be cut to the correct length, and be tight and straight. Failure to do this will greatly reduce the performance of your ventilation system. Correct selection and installation will remove stale, damp air making sure your home remains healthy and inviting.

Mounting



Ceiling



Inline



Wall



Window



1

First calculate the volume of the room (m³) by multiplying the height x width x length.

2

You can then use the guide to select the required fan for wall, window, inline and ceiling mounting, along with the recommend accessories to complete a professional installation.

		WIND	ULTRA	DUCTO KIT	TURBO	ISO-MIX	
							
		Room Volume	Window Mounted	Ceiling Mounted	Inline Duct Mounted	Inline Duct Mounted	Inline Duct Mounted
10 Air Changes Per Hour	7 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT100	BLATURBO150	BLATURBOMIX150	
	12 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT100	BLATURBO150	BLATURBOMIX150	
	15 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT150	BLATURBO150	BLATURBOMIX150	
	20 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT150	BLATURBO150	BLATURBOMIX150	
	30 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT150	BLATURBO150	BLATURBOMIX150	
20 Air Changes Per Hour	7 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT150	BLATURBO150	BLATURBOMIX150	
	12 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT150	BLATURBO150	BLATURBOMIX150	
	15 m ³	BLABWIND150	BLAULTRA	BLABDUCTOKIT150	BLATURBO150	BLATURBOMIX150	
	20 m ³	—	BLAULTRA	—	BLATURBO150	BLATURBOMIX150	
	30 m ³	—	—	—	BLATURBO200	BLATURBOMIX200	
	40 m ³	—	—	—	BLATURBO200	BLATURBOMIX200	
		—	Ducting/Grilles	—	Ducting/Grilles/Duct Joiners/Backdraft Dampers	Ducting/Grilles/Duct Joiners/Backdraft Dampers	
Accessories	—	—	BLABDCT1503AL	—	BLABDCT1503AL	BLABDCT1503AL	
	—	—	BLABGR150WHF	—	BLABDCT2003AL	BLABDCT2003AL	
	—	—	BLABGR150C	—	BLABBACKDRAFT150	BLABBACKDRAFT150	
	—	—	—	—	BLABACKDRAFT200	BLABACKDRAFT200	
	—	—	—	—	BLABDUCTJOINER150	BLABDUCTJOINER150	
	—	—	—	—	BLABGR150WHF	BLABGR150WHF	
	—	—	—	—	BLABGR150C	BLABGR150C	
	—	—	—	—	BLABGR150RG	BLABGR150RG	

TURBO

INLINE MIXED FLOW FANS



up to
1750 m³/h



from
21 W



from
33 dBA



IPX4



FEATURES

Supply and extraction ventilation of offices, bathrooms, toilets, laundries, kitchens, ensuites in apartments, hotels, homes and commercial buildings.

Turbo fans combine the versatility and outstanding performance of both axial and centrifugal fans, producing a powerful air flow and high pressure.

Models **Turbo ... T** have turn-off delay timer adjustable from 2 to 30 min

Ventilation air ducts requiring high pressure, powerful air flow and low noise level.

The casing is made of low flammable polypropylene.

Ventilation unit with terminal box.
Can be turned to any position.

Special design of the casing permits easy dismantling of the impeller and motor block for fan servicing without dismantling the air duct.



Motor

All motors have a sealed ball bearing motor with a service life of up to 40,000 hours, are 2 speed with an exterior two speed switch.

All motors have manual reset thermal overload protection as required for inline duct fans AS/NZS60335-2-80:2004.

100 mm & 125 mm fans cannot be speed controlled.

Wiring

Comes with a 1.2 m lead, 2 pin plug and external two speed switching.

Timer fans come with a 1.2 m lead, 4 pin plug and external two speed switching.

Mounting

Due to the compact design the fan is the ideal solution for mounting in limited spaces, including space behind a false ceiling.

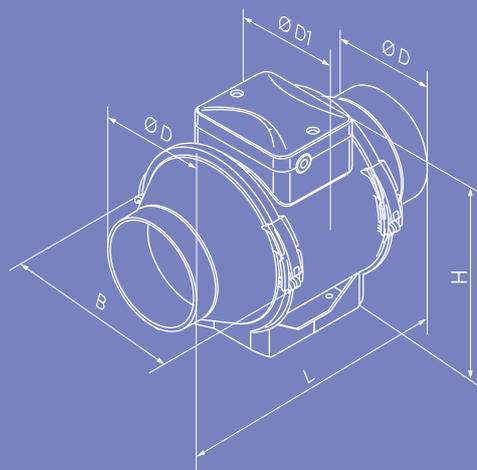
The fan can be installed in any section of the ventilation system from intake to the end of the ductworks.

Turbo Kit

The Turbo fan kit is an all in one extraction system for exhaust ventilation of bathrooms, showers, wet rooms and other utility spaces.

Overall Dimensions

Dimensions [mm]	Ø D	Ø D1	B	H	L	Weight [kg]
Turbo 100	96	164	167	190	246	1.45
Turbo 125	123	164	167	190	246	1.79
Turbo 150	148	187	220	251	289	3.18
Turbo 200	199	209	239	261	295.5	3.8



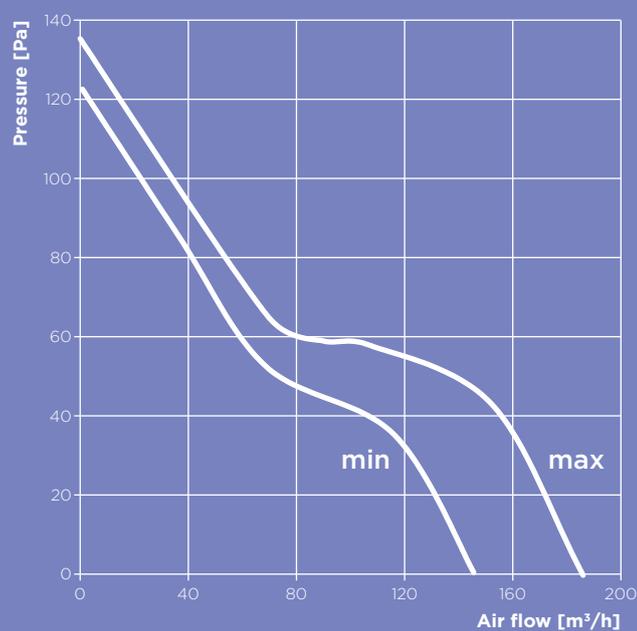
Ordering Information

Part Number	Model	Description
BLATURBO100	Turbo-E 100 USW1	MIXFLO 100 mm 2 SPEED FAN STD
BLABTURBO125	Turbo-E 125 USW1	MIXFLO 125 mm 2 SPEED FAN STD
BLATURBO150	Turbo 150 USW1	MIXFLO 150 mm 2 SPEED FAN STD
BLATURBO200	Turbo 200 USW1	MIXFLO 200 mm 2 SPEED FAN STD
BLATURBO150T	Turbo 150 TUSW1	MIXFLO 150 mm 2 SPEED FAN C/W RUN ON TIMER & 4 PIN PLUG
BLATURBO200T	Turbo 200 TUSW1	MIXFLO 200 mm 2 SPEED FAN C/W RUN ON TIMER & 4 PIN PLUG
BLATURBO125KIT	KIT Turbo 125-2	INLINE MIXFLO FAN 125 mm KIT
BLATURBO150KIT	KIT Turbo 150-3	INLINE MIXFLO FAN 150 mm KIT

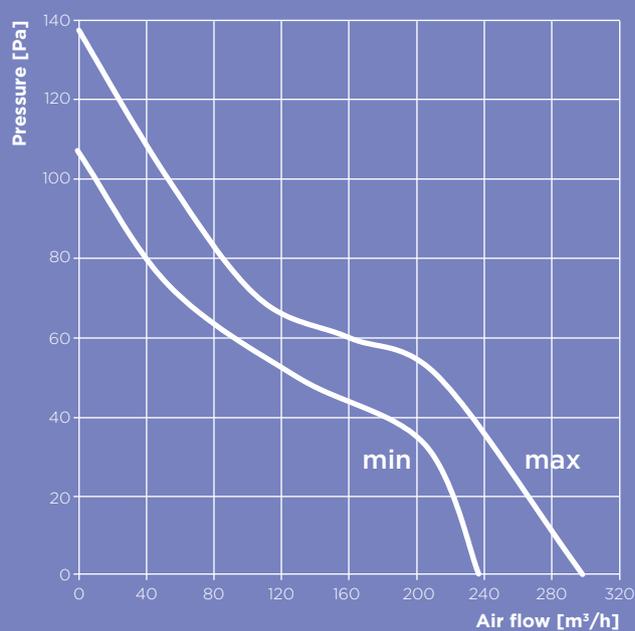
Technical Data

Parameters	Turbo 100		Turbo 125	
Speed	min	max	min	max
Voltage [V]	1 - 230	1 - 230	1 - 230	1 - 230
Frequency [Hz]	50/60	50/60	50/60	50/60
Power [W]	21	33	23	37
Current [A]	0.11	0.21	0.18	0.27
Maximum air flow [m ³ /h (l/s)]	145 (40)	187 (52)	220 (61)	280 (78)
RPM [min ⁻¹]	2180	2385	1950	2455
Sound pressure level at 3 m [dBA]	32	36	34	39
SEC class	C		B	

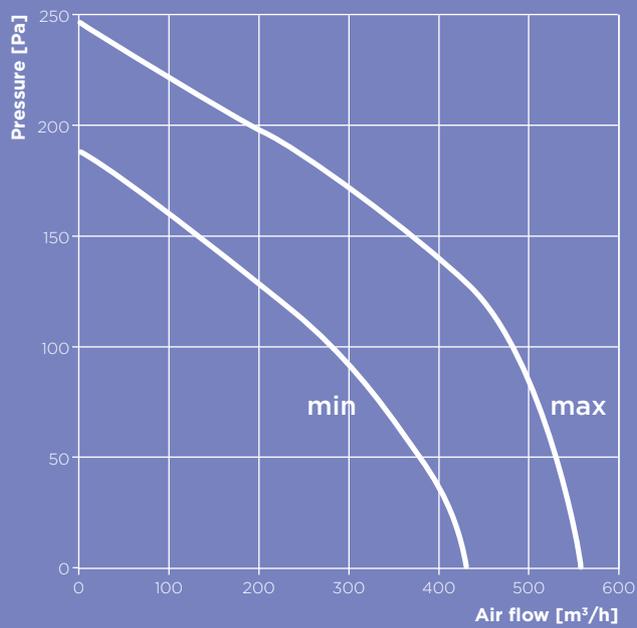
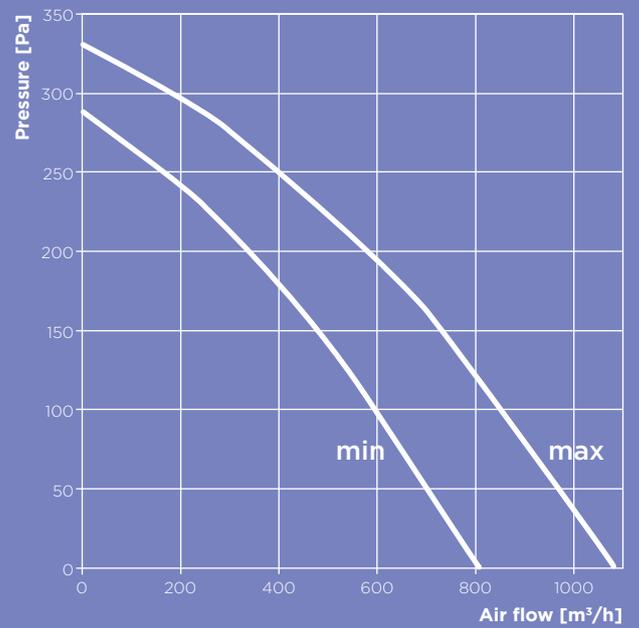
TURBO 100



TURBO 125



Parameters	Turbo 150		Turbo 200	
Speed	min	max	min	max
Voltage [V]	1 - 230	1 - 230	1 - 230	1 - 230
Frequency [Hz]	50/60	50/60	50/60	50/60
Power [W]	42	50	76	108
Current [A]	0.19	0.22	0.34	0.48
Maximum air flow [m³/h (l/s)]	430 (119)	560 (156)	805 (224)	1080 (300)
RPM [min⁻¹]	1940	2620	1915	2380
Sound pressure level at 3 m [dBA]	37	41	41	46
SEC class	B		B	

TURBO 150

TURBO 200


ISO-MIX

SOUND INSULATED INLINE MIXED FLOW FANS



up to
1920 m³/h



from
45 W



from
38 dBA



IPX4



FEATURES

Supply and extract ventilation systems installed in various premises requiring low noise level.

For ventilation air ducts requiring high pressure, powerful air flow and low noise level.

The casing is made of polymer coated steel, internally filled with 50 mm mineral wool thermal- and sound-insulating layer.

Special inner perforation of the casing and sound insulating material are designed for wide frequency sound absorbing.

Design

Mixed flow impeller made of high quality plastic.

The diffuser, the specially profiled impeller and directing vanes provide high performance and powerful pressure combined with low noise operation.

External airtight terminal block on the fan casing for power supply.

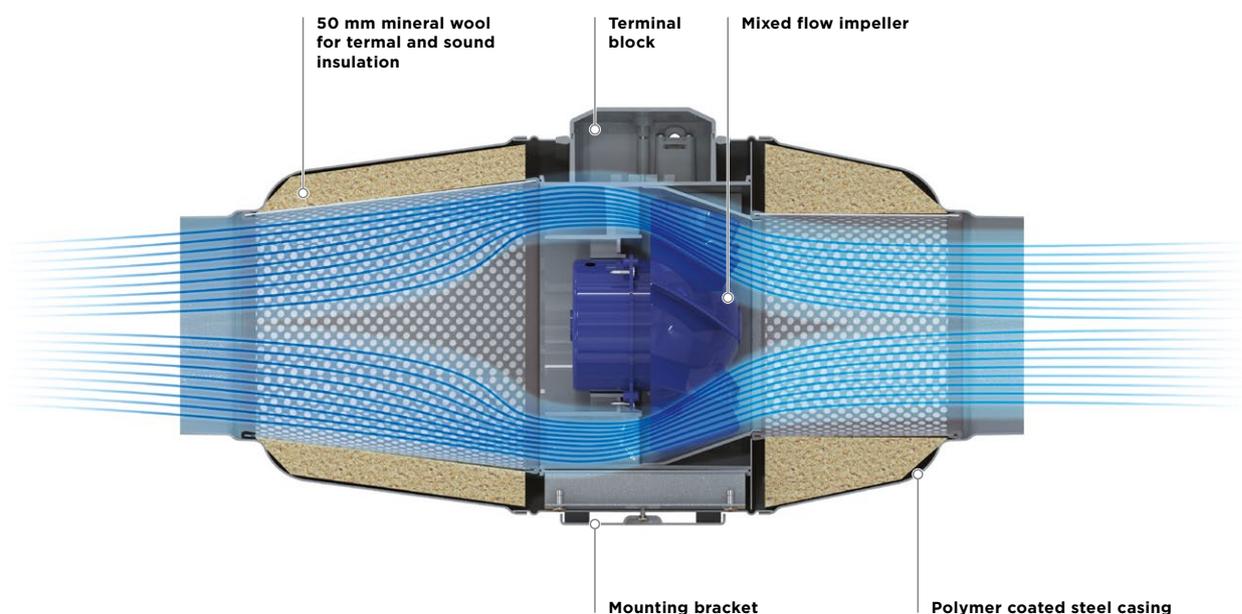
Mounting brackets on the fan casing for mounting to the floor, to the wall or ceiling

Motor

220-240 V single phase at 50 Hz.

All motors have a sealed ball bearing motor with a service life of up to 40 000 hours, are 2 speed with an exterior two speed switch and can be fitted with a speed controller.

All motors have manual reset thermal overload protection as required for inline duct fans AS/NZS60335-2-80:2004.



Mounting

Due to its compact design the fan is the ideal solution for mounting in limited spaces.

The fan is suitable for mounting in any section of the ventilation system from intake to the end of the ductwork.

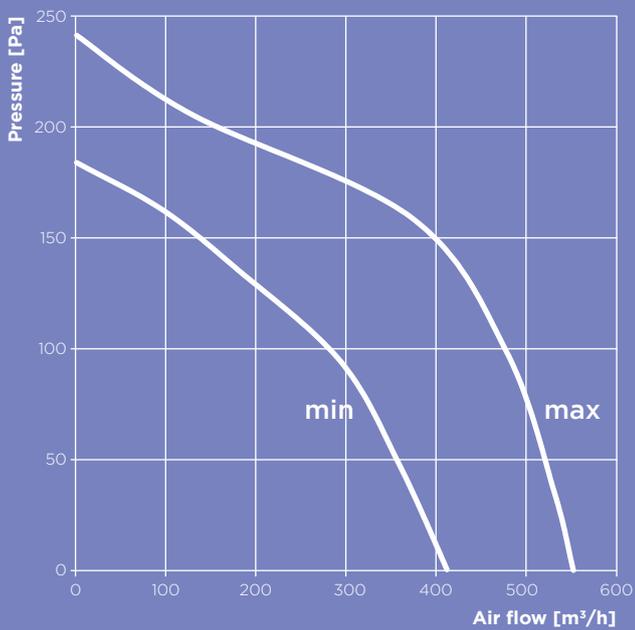
Ordering Information

Part Number	Model	Description
BLATURBO150MIX	Iso-Mix 150 USW1	MIXFLO 150 mm 2 SPEED FAN - SILENT SERIES
BLATURBO200MIX	Iso-Mix 200 USW1	MIXFLO 200 mm 2 SPEED FAN - SILENT SERIES

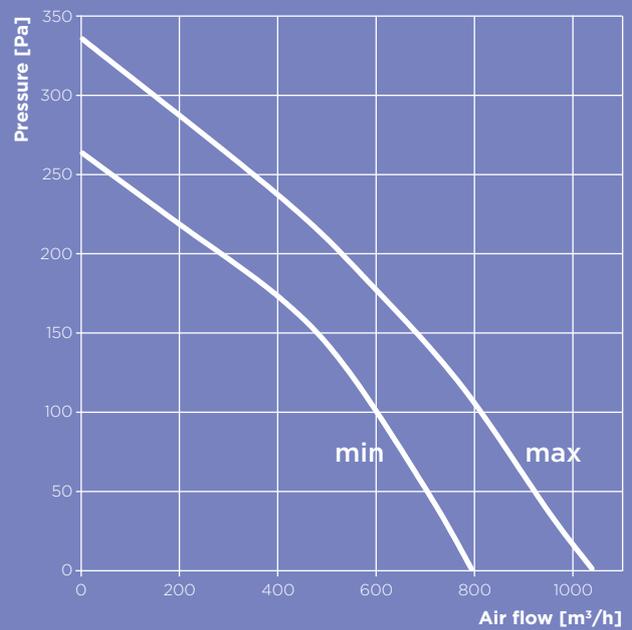
Technical Data

Parameters	Iso-Mix 150		Iso-Mix 200	
Speed	min	max	min	max
Voltage [V]	1 - 230		1 - 230	
Frequency [Hz]	50/60		50/60	
Power [W]	45	52	78	110
Current [A]	0.20	0.23	0.35	0.49
Maximum air flow [m ³ /h (l/s)]	410 (114)	550 (153)	790 (219)	1035 (288)
RPM [min ⁻¹]	1985	2640	2000	2460
Sound pressure at 3 m [dBA]	32	38	39	41
SEC class	C		C	

ISO-MIX 150

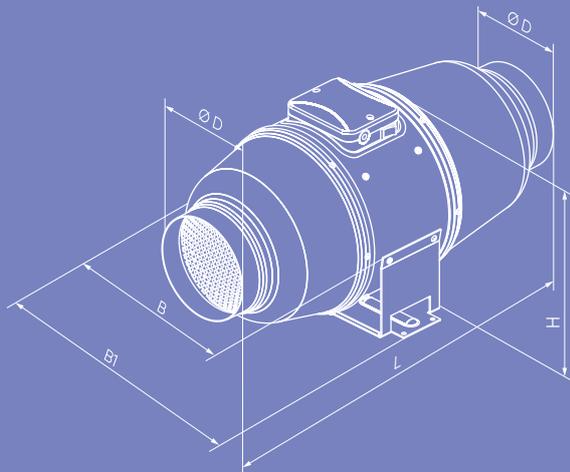


ISO-MIX 200

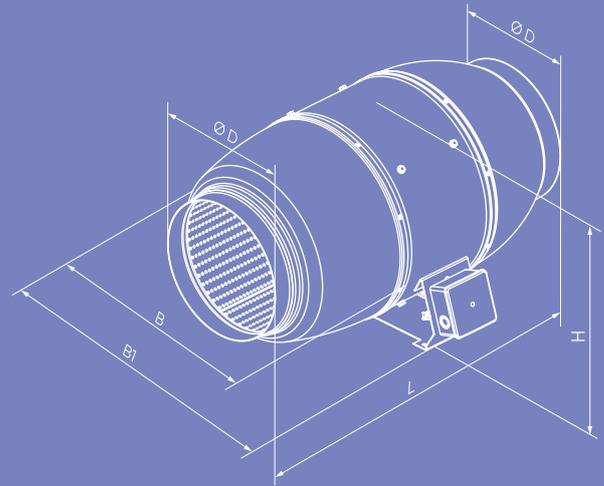


Overall Dimensions

Dimensions [mm]	Ø D	B	B1	L	H	Weight [kg]
Iso-Mix 150	148	247	273	579	263	6.1
Iso-Mix 200	198	293	386	550	295	8



Iso-Mix 150



Iso-Mix 200

DUCTO

INLINE FANS



up to
340 m³/h



from
7.5 W



from
25 dBA



IP24



FEATURES

Low noise axial inline fans for exhaust or supply ventilation with superior capacity up to 340 m³/h.

Designed for PVC ducting systems or flexible ducts.

The casing and the impeller are made of high quality durable plastic.

Specially designed mixed flow impeller profile ensures high air flow and low noise level.

Low energy usage from 7.5 W.

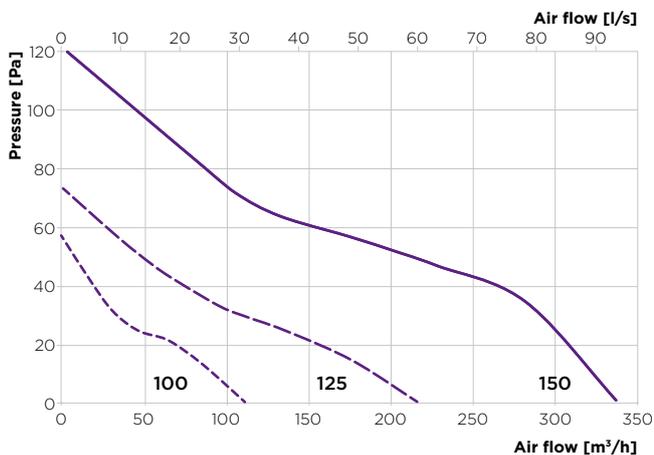
The motor has thermal overheating protection for motor overload prevention.

Motor on special anti-vibration connectors.

Technical Data

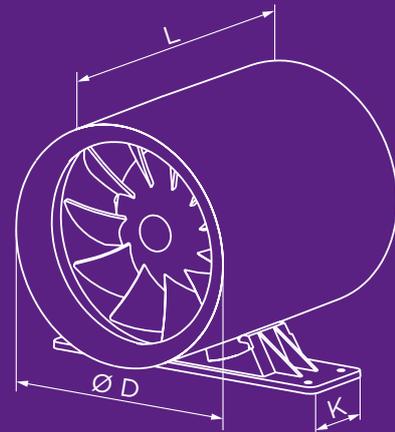
Model	Ducto 100	Ducto 125	Ducto 150
Voltage [V]	220-240	220-240	220-240
Frequency [Hz]	50	50	50
Power [W]	7.5	13	22
Current [A]	0.049	0.085	0.095
Air flow [m ³ /h (l/s)]	110 (31)	215 (60)	340 (94)
RPM [min ⁻¹]	2100	2250	2250
Sound pressure level [dBA]*	25	33	39

*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions

Dimensions [mm]	Ø D	L	K	Weight [kg]
Ducto 100	100	137.5	53.5	0.61
Ducto 125	125	161.5	53.5	0.75
Ducto 150	150	181.5	53.5	1.3



Ducto Kit

The Ducto loft mounted extractor fan kit is an all in one extraction system for exhaust ventilation of bathrooms, showers, wet rooms and other utility spaces.

Consist: Ducto 150 fan, flexible air duct 5 m, internal round plastic grille, external square plastic grille, adhesive tape.



Ordering Information

Part Number	Model	Description
BLADUCTO100	Ducto 100	INLINE AXIAL FAN 100 mm
BLADUCTO125	Ducto 125	INLINE AXIAL FAN 125 mm
BLADUCTO150	Ducto 150	INLINE AXIAL FAN 150 mm
BLABDUCTOKIT	Ducto 150 Kit	INLINE AXIAL FAN 150 mm KIT

AERO

EXHAUST FANS



up to
309 m³/h



from
14 W



from
38 dBA



IP22



FEATURES

Wall and ceiling mounting

Easy maintenance

Continuous operation

Backdraft damper

Model **Aero 100 T** has turn-off delay timer adjustable from 2 to 30 min

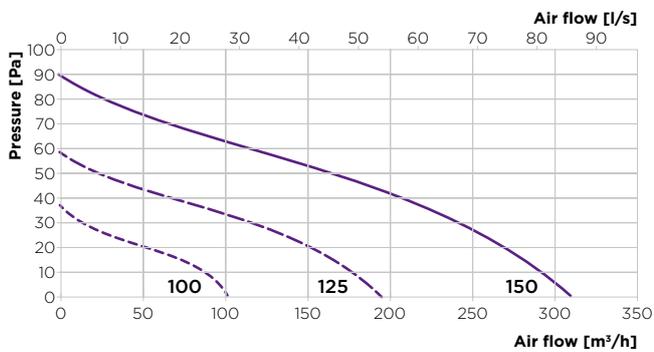
Ball bearing motor

5 year warranty

Technical Data

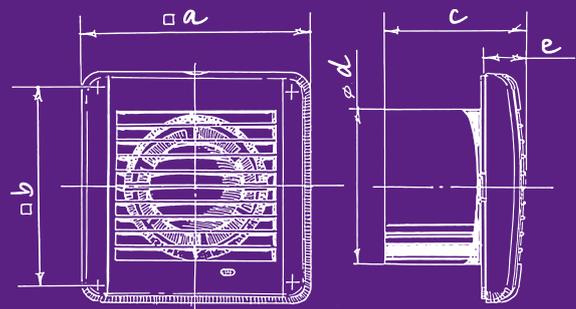
Model	Aero 100	Aero 125	Aero 150
Voltage [V/Hz]	220-240/50	220-240/50	220-240/50
Power [W]	14	16	24
Current [A]	0.085	0.1	0.13
RPM [min ⁻¹]	2300	2400	2400
Air flow [m ³ /h (l/s)]	102 (28)	193 (54)	309 (86)
SFP [W/l/s]	0.49	0.3	0.28
Sound pressure level [dBA]*	38	39	40

*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions

Dimensions [mm]	a	b	c	Ø d	e
Aero 100	144	122	92.5	100	29.5
Aero 125	168	144	97	125	30
Aero 150	198	170	119	150	30



Ordering Information

Part Number	Model	Description
BLABAERO100	Aero 100	WALL/CEILING FAN 100 mm STANDARD
BLABAERO100T	Aero 100 T	WALL/CEILING FAN 100 mm TIMER
BLABAERO125	Aero 125	WALL/CEILING FAN 125 mm STANDARD
BLABAERO150	Aero 150	WALL/CEILING FAN 150 mm STANDARD

20

BRAVO

EXHAUST FANS



up to
305 m³/h



from
14 W



from
35 dBA



IP22



FEATURES

Wall and ceiling mounting

Easy maintenance

Low noise impeller

Continuous operation

Backdraft damper

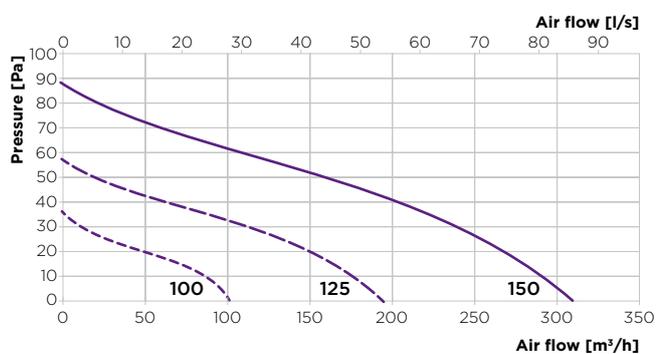
Ball bearing motor

5 year warranty

Technical Data

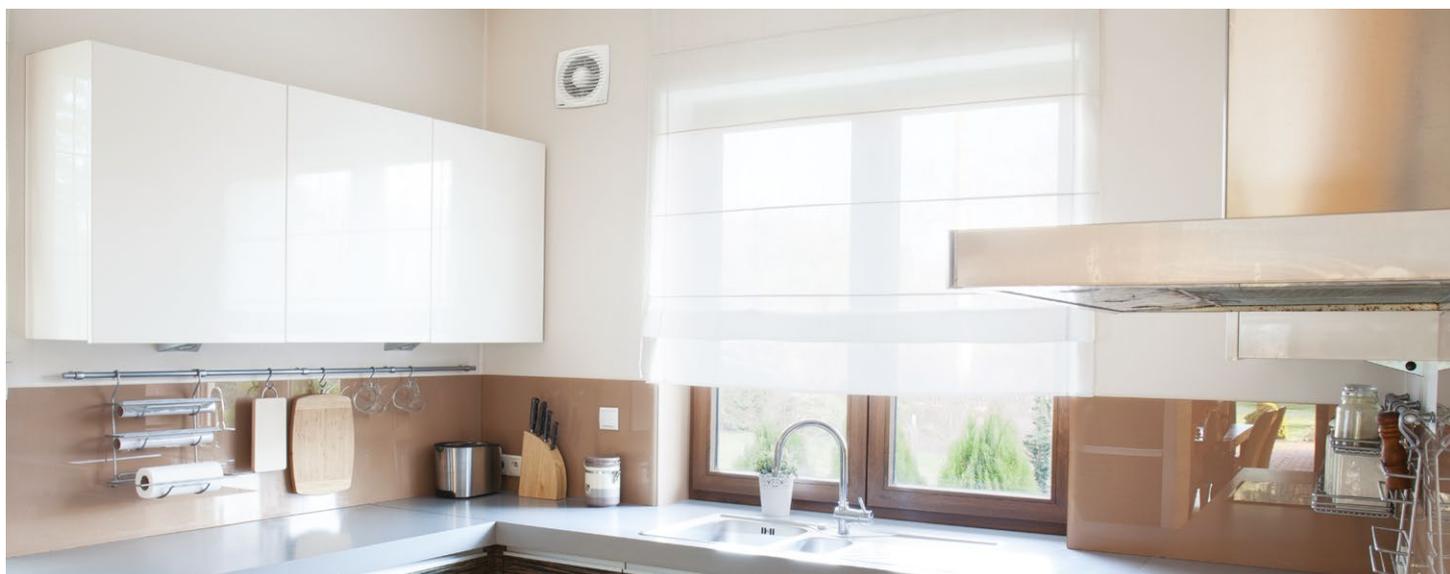
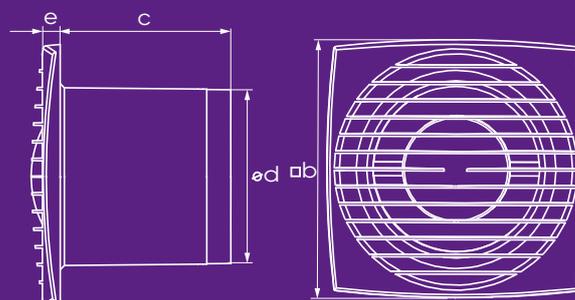
Model	Bravo 100	Bravo 125	Bravo 150
Voltage [V/Hz]	220-240/50	220-240/50	220-240/50
Power [W]	14	16	24
Current [A]	0.085	0.1	0.13
RPM [min ⁻¹]	2300	2400	2400
Air flow [m ³ /h (l/s)]	101 (28)	192 (53)	305 (85)
SFP [W/l/s]	0.5	0.3	0.28
Sound pressure level [dBA]*	35	37	39

*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions

Dimensions [mm]	a	b	c	Ø d	e
Bravo 100	150	122	102	100	17
Bravo 125	176	144	104	125	17
Bravo 150	205	174	124	150	19



Ordering Information

Part Number	Model	Description
BLABBRAVO100	Bravo 100	WALL/CEILING FAN 100 mm
BLABBRAVO125	Bravo 125	WALL/CEILING FAN 125 mm
BLABBRAVO150	Bravo 150	WALL/CEILING FAN 150 mm

QUATRO

EXHAUST FANS WITH DECORATIVE FRONT PANEL



up to
265 m³/h



from
14 W



from
33 dBA



IP22



FEATURES

Wall and ceiling mounting

Easy maintenance

Low noise impeller

Continuous operation

Backdraft damper

Ball bearing motor

5 year warranty

Decorative Panels



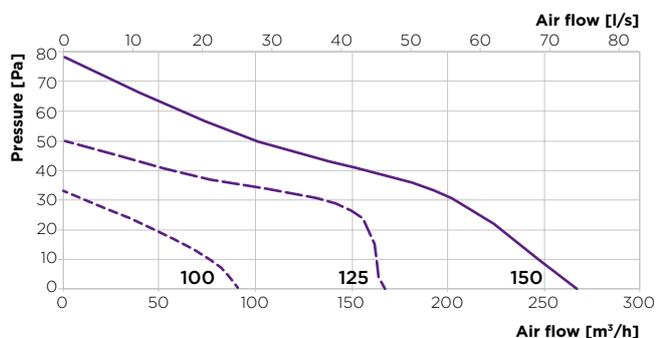
Quatro

Quatro Platinum

Technical Data

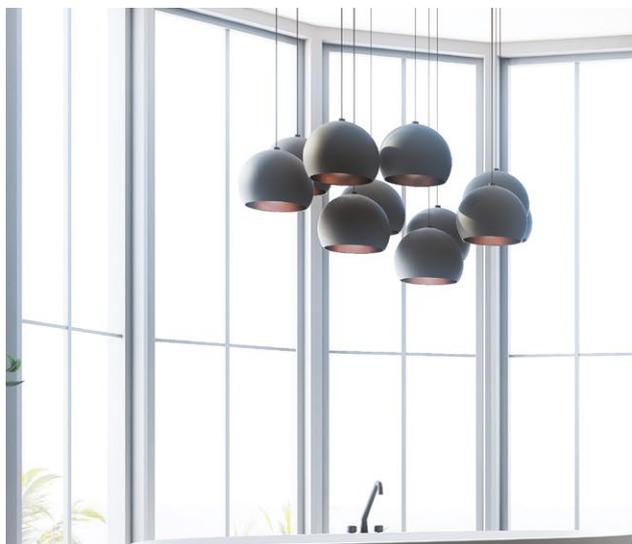
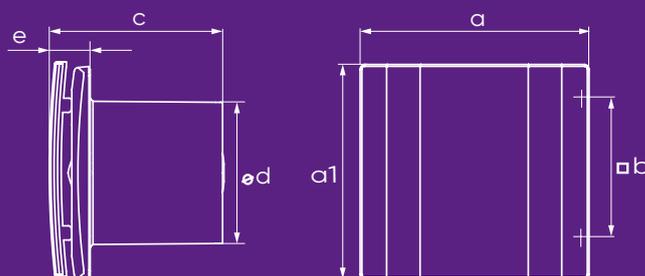
Model	Quatro 100	Quatro 125	Quatro 150
Voltage [V/Hz]	220-240/50	220-240/50	220-240/50
Power [W]	14	16	24
Current [A]	0.085	0.1	0.13
RPM [min ⁻¹]	2300	2400	2400
Air flow [m ³ /h (l/s)]	88 (24)	167 (46)	265 (74)
SFP [W/l/s]	0.57	0.34	0.33
Sound pressure level [dBA]*	33	34	37

*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions

Dimensions [mm]	a	a1	b	c	Ø d	e
Quatro 100	171	151	108	128	100	32
Quatro 125	201	178	113	136	125	35
Quatro 150	236	207	165	157	150	38



Ordering Information

Part Number	Model	Description
BLABQUATRO100	Quatro 100	WALL FAN 100 mm STANDARD WHITE
BLABQUATRO125	Quatro 125	WALL FAN 125 mm STANDARD WHITE
BLABQUATRO150	Quatro 150	WALL FAN 150 mm STANDARD WHITE
BLABQUATRO150P	Quatro Platinum 150	WALL FAN 150 mm PLATINIUM FRONT

AUTO

EXHAUST FANS WITH AIR SHUTTERS



up to
295 m³/h



from
18 W



from
34 dBA



IP22



FEATURES

Wall and ceiling mounting

Easy maintenance

Continuous operation

Automatic shutters

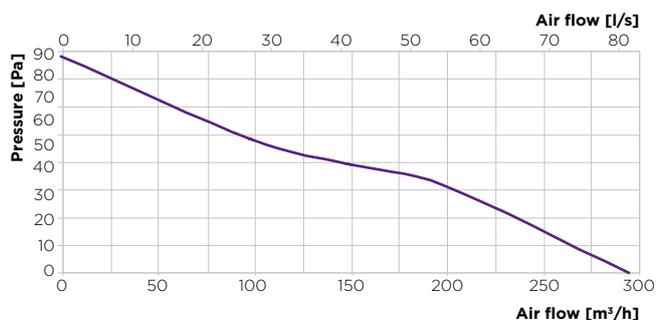
Ball bearing motor

5 year warranty

Technical Data

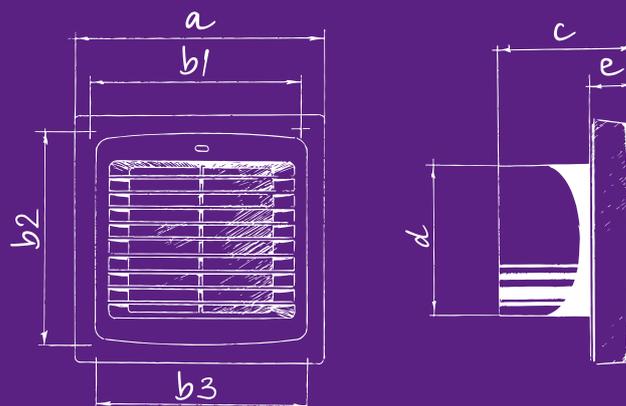
Model	Auto 150
Voltage [V/Hz]	220-240/50
Power [W]	26
Current [A]	0.13
RPM [min ⁻¹]	2400
Air flow [m ³ /h (l/s)]	295 (82)
SFP [W/l/s]	0.32
Sound pressure level [dBA]*	39

*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions

Dimensions [mm]	a	b1	b2	b3	c	Ø d	e
Auto 150	210	150	195	196	115	150	34



Ordering Information

Part Number	Model	Description
BLABAUTO150	Auto 150	WALL FAN 150 mm AUTO SHUTTERS

WIND

WINDOW EXHAUST FANS



up to
295 m³/h



from
26 W



from
41 dBA



IP22



FEATURES

Window glass mounting

Low noise impeller

Easy maintenance

Ball bearing motor

Continuous operation

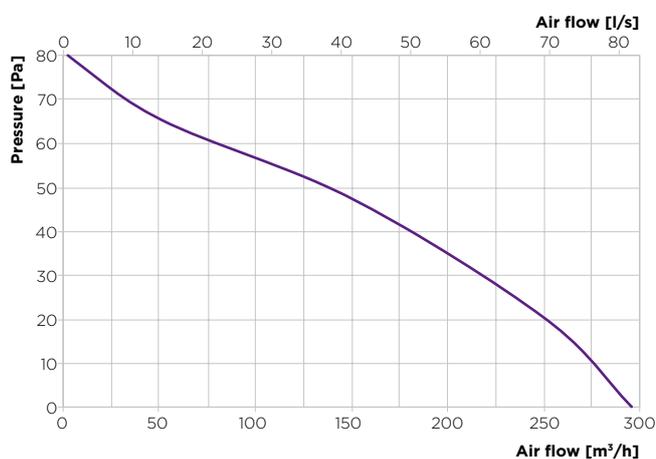
Automatic shutters

5 year warranty

Technical Data

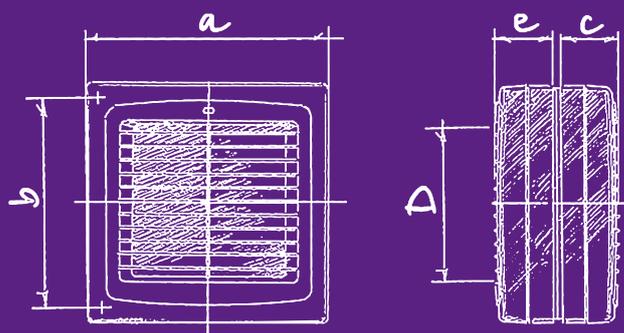
Model	Wind 150
Voltage [V/Hz]	220-240/50
Power [W]	26
Current [A]	0.13
RPM [min ⁻¹]	2400
Air flow [m ³ /h (l/s)]	295 (82)
SFP [W/l/s]	0.32
Sound pressure level [dBA]*	41

*Sound pressure level measured in free space at a distance of 3 meters from the fan.

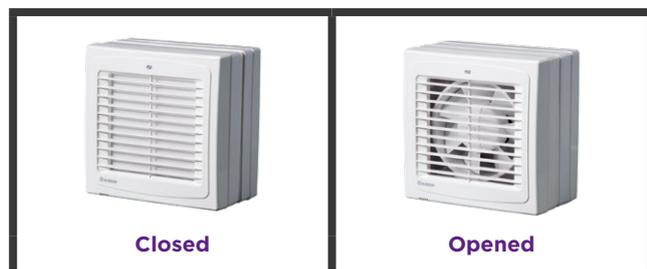


Overall Dimensions

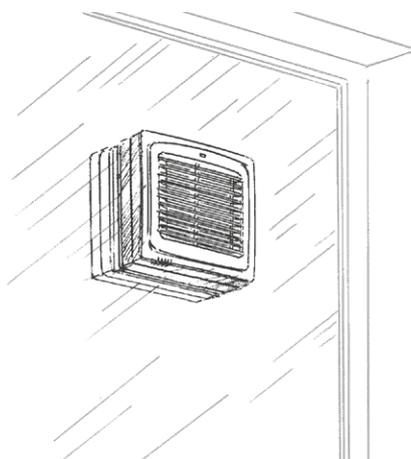
Dimensions [mm]	a	b	e	c	D
Wind 150	210	195	66	60	150



Automatic Shutters



Mounting



Ordering Information

Part Number	Model	Description
BLABWIND150	Wind 150	WALL FAN 150 mm FOR GLASS WITH AUTO SHUTTERS

CALM

EXHAUST FANS



up to
315 m³/h



from
7.5 W



from
25 dBA



IP22



FEATURES

Wall and ceiling mounting

Low wattage and noise

Continuous operation

Automatic shutters

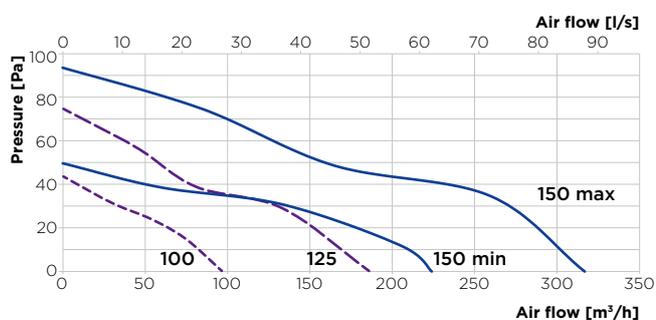
Ball bearing motor

5 year warranty

Technical Data

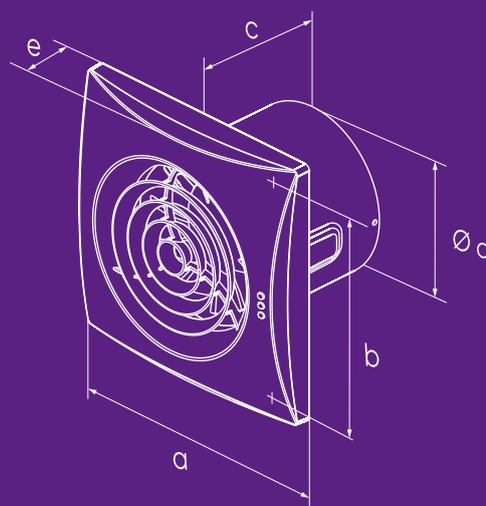
Model	Calm 100	Calm 125	Calm 150	
Speed			min	max
Voltage [V/Hz]	220-240/50	220-240/50	220-240/50	
Power [W]	7.5	17	17	19
Current [A]	0.049	0.11	0.08	0.09
Air flow [m ³ /h (l/s)]	97 (27)	187 (52)	220 (61)	315 (88)
SFP [W/l/s]	0.28	0.33	0.27	0.22
Sound pressure level [dBA]*	25	32	28	33

*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions

Dimensions [mm]	a	b	c	Ø d	e
Calm 100	158	136	81	100	26
Calm 125	182	158	91	124	27
Calm 150	214	190	98	148	32



Ordering Information

Part Number	Model	Description
BLACALM100	Calm 100	WALL FAN 100 mm LOWER POWER AND NOISE
BLACALM125	Calm 125	WALL FAN 125 mm LOWER POWER AND NOISE
BLACALM150	Calm 150	WALL FAN 150 mm LOWER POWER AND NOISE

30

ULTRA

CEILING EXHAUST FANS



up to
482 m³/h



from
57 W



from
36 dBA



IPX4



FEATURES

Ultra-modern design

Ultra comfort lighting when using decorative panels with integrated Tri-Colour LED light

Ultra high efficiency thanks to forward curved impeller

Ultra low resistance of the integrated backdraft damper

Ultra silent operation thanks to optimized casing design

Ultra easy installation and service thanks to optimized construction

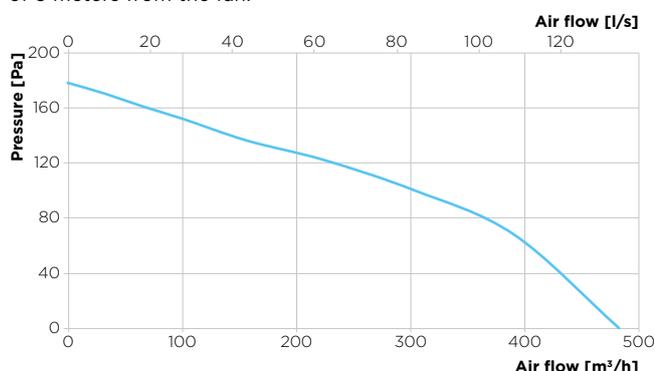
Ultra trouble free with 5 years' warranty

Replaceable decorative panels allow you to have a modern design in any style at any time.

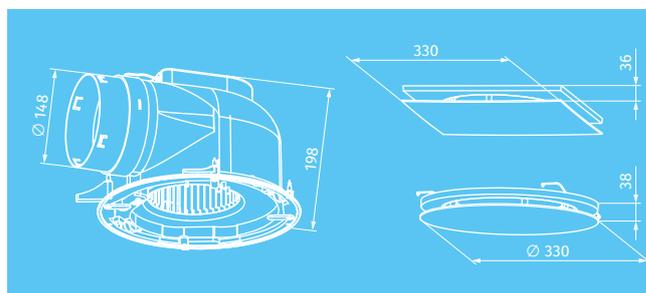
Technical Data

Model	Ultra 250
Frequency [Hz]	50
Voltage [V]	220-240
Fan power [W]	57
Fan current @ 230V [A]	0.25
Max. airflow [m ³ /h (l/s)]	482 (134)
SFP [W/l/s]	0.43
Sound pressure level [dBA]*	36

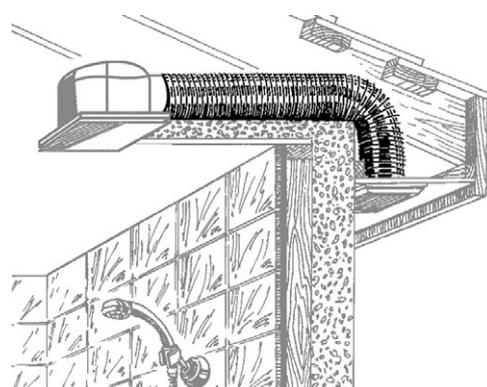
*Sound pressure level measured in free space at a distance of 3 meters from the fan.



Overall Dimensions [mm]



Mounting



Options

The fan can be equipped with a turn-off delay timer (T)

LED Light Characteristics

Power input [W]	Luminous power [Lm]	Colour temperature [K]	Beam angle
12	1000	3000 - 6000	120°

Ordering Information

Part Number	Model	Description
BLAULTRA	Ultra 250	300 mm Round Fan Housing
BLAULTRAT	Ultra 250 T	300 mm Round Fan Housing With Timer
BLAULTRASQGRILLE	DP Ultra 250 Square	Square Grille - White
BLAULTRAROGRILLE	DP Ultra 250 Round	Round Grille - White
BLAULTRASQGRILLEBK	DP Ultra 250 Square Black	Square Grille - Black
BLAULTRAROGRILLEBK	DP Ultra 250 Round Black	Round Grille - Black
BLAULTRASQGRILLELED	DP Ultra 250 Square Tri-Colour Light	Square Grille - White With LED
BLAULTRAROGRILLELED	DP Ultra 250 Round Tri-Colour Light	Round Grille - White With LED

Decorative Panels



VENTO EXPERT

A50-1 S10 Pro

HEAT RECOVERY SINGLE-ROOM UNITS



up to
50 m³/h



up to
93 %



from
11 dBA



IP24



FEATURES

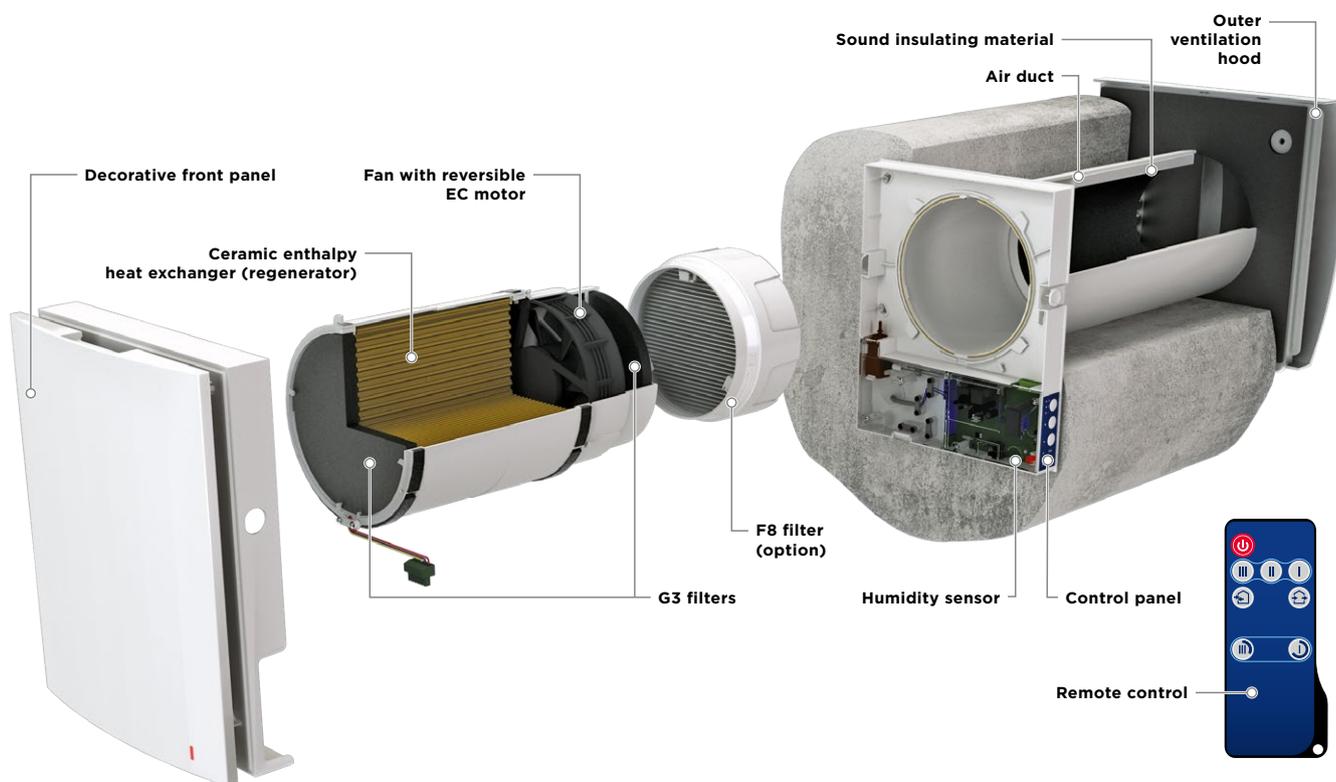
Arrangement of efficient energy saving supply and exhaust single room ventilation in flats, houses, cottages, social and commercial premises.

Reducing heat losses caused by ventilation due to heat recovery.

Humidity balance and regulated air exchange create individually controlled microclimate.

Coordinated network based on several integrated single room ventilation units with central control.

Design



Easy maintenance. Indoor unit is opened by pressing the latches on both sides



One of the best regeneration efficiency on the market due to innovative hexagonal structure of the heat exchanger cells



Integrated automatic air shutters prevent air back drafting



The specially designed front panel can be closed manually to ensure 100 % air tightness and protect against wind impact

Ordering Information

Part Number	Model	Description
BLAVENTOA50PRO	VENTO Expert A50-1 Pro	SINGLE ROOM ERV

Energy Recovery



Warm stale air is extracted from the premise, flows through the ceramic regenerator and transfers its heat energy and moisture to it.

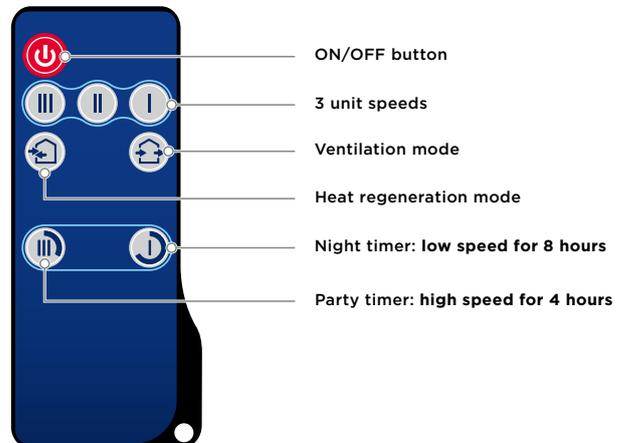
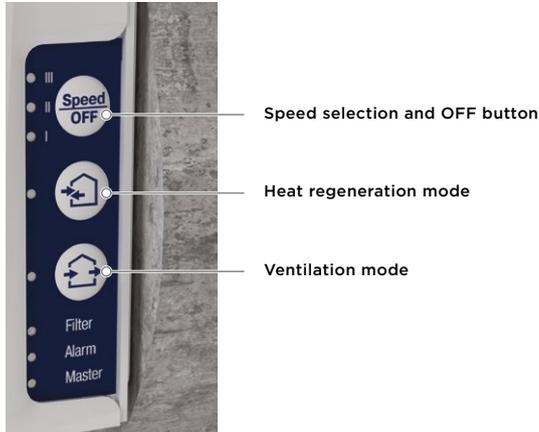
As the ceramic regenerator gets warmed up, the unit switches to the supply mode.

Clean cold intake air flows through the regenerator and absorbs accumulated heat and humidity.

When the ceramic regenerator is cooled down, the unit switches to the extract air mode.

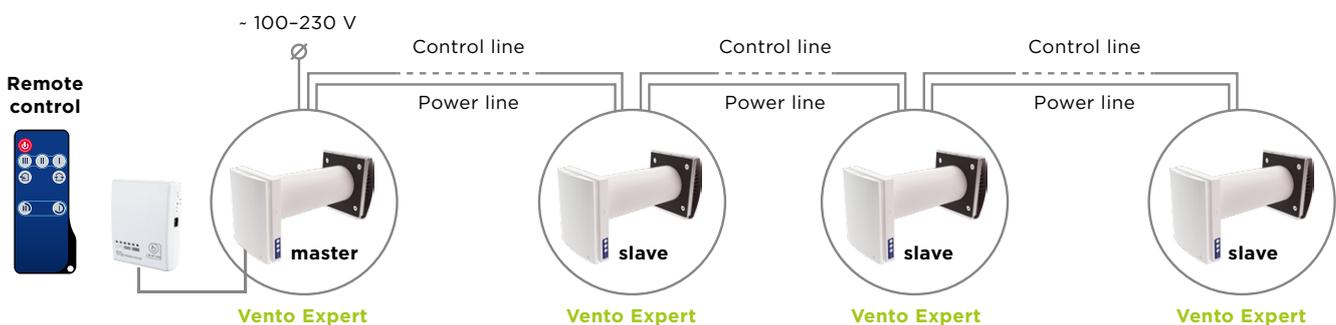
Control

Control of the unit operation mode is performed by means of sensor control panel located on the unit casing or a remote controller.



Vento Expert is equipped with a humidity sensor for indoor humidity control. If humidity increases above a set point, the unit boosts to the speed III.

Vento Expert either can operate as independent unit or can be connected with other units in a house and controlled with a master unit. In this case, only the master unit receives a signal from the remote control.



Mounting

The unit is designed for through-the-wall installation inside a prepared hole in an outer wall of the building.

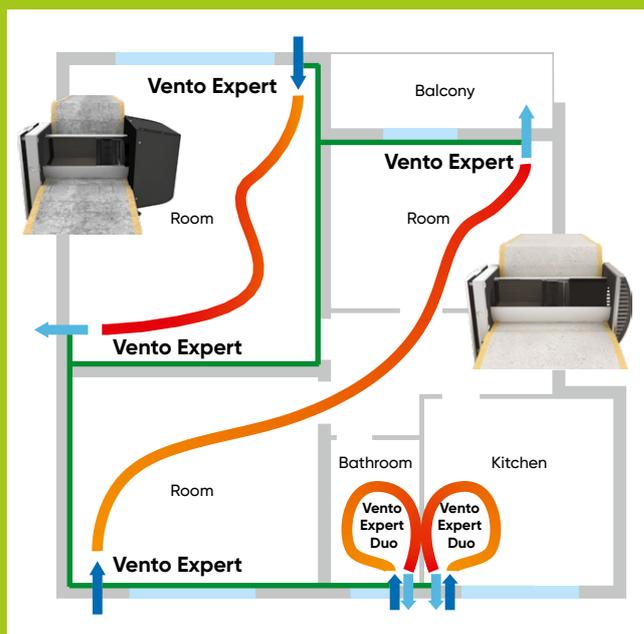
The best ventilation solution is pairwise installation of reverse phase connected units. Some units ensure supply of fresh air to the room and the other units extract air from the premise. This way the most efficient balanced ventilation is arranged.

In case of brand new construction, units are mounted in two stages:

Pre-installation at the stage of the indoor finishing and outer decorative wall finishing. It includes installation of an air duct, an outer ventilation hood and cable installation.

Final mounting before commissioning of a house. It includes installation of a regenerator with a fan and filters and mounting and wiring of an indoor unit with a controller and shutters.

Angular mounting into a wall with standard thickness using **KIT BlauPlast white 160 / KIT BlauPlast chrome 160**



Technical Data

Parameters	Vento Expert A50-1 S10 Pro		
Speed	I	II	III
Voltage [V / 50 (60) Hz]	100-240		
Power [W]	3.61	4.15	5.20
Current [A]	0.025	0.030	0.039
RPM [min ⁻¹]	800	1300	1900
Air flow in ventilation mode [m ³ /h (l/s)]	15 (4)	30 (8)	50 (14)
Air flow in heat recovery mode [m ³ /h (l/s)]	8 (2)	15 (4)	25 (7)
SFP [W/l/s]	1.73	1.00	0.75
Filter	G3 (Option: F8 PM2.5 > 99 %*)		
Transported air temperature [°C]	-20...+40		
Sound pressure level at 1 m [dBA]	20	27	30
Sound pressure level at 3 m [dBA]	11	18	21
Outdoor sound pressure attenuation [dBA] in accordance with DIN EN 20140	42		
Classification of air flow sensitivity to pressure difference variations in accordance with EN 13141-8	S2		
Indoor/outdoor airtightness classification of the complete unit in accordance with EN 13141-8	D1		
Heat recovery efficiency according to DIBt LÜ-A 20 [%]	up to 93		
Ingress Protection Rating	IP24		

* maximum air flow 40 m³/h

Overall Dimensions [mm]


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BLAUBERG Vento Expert
 A50-1 S10 Pro

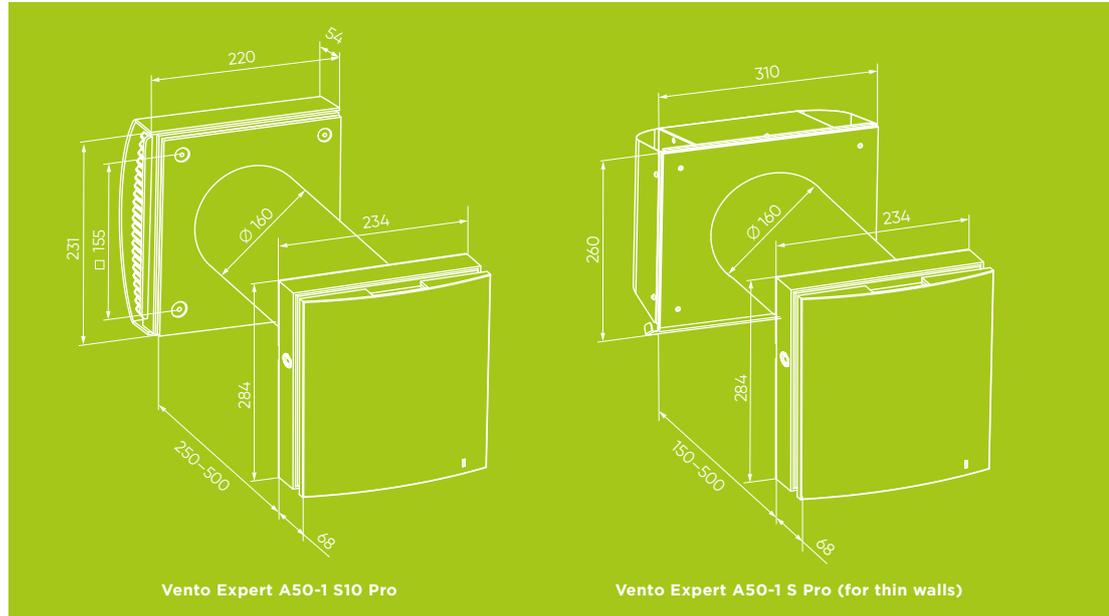
A+
 A
 B
 C
 D
 E
 F
 G

A

38
 dB

25 m³/h

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 2020 1254/2014



VENTO EXPERT

A50-1 S10 W V.2

HEAT RECOVERY SINGLE ROOM UNITS



up to
50 m³/h



up to
93 %



from
11 dBA



IP24



FEATURES

Arrangement of efficient energy saving, supply and exhaust, single room ventilation in flats, houses, cottages, social and commercial premises.

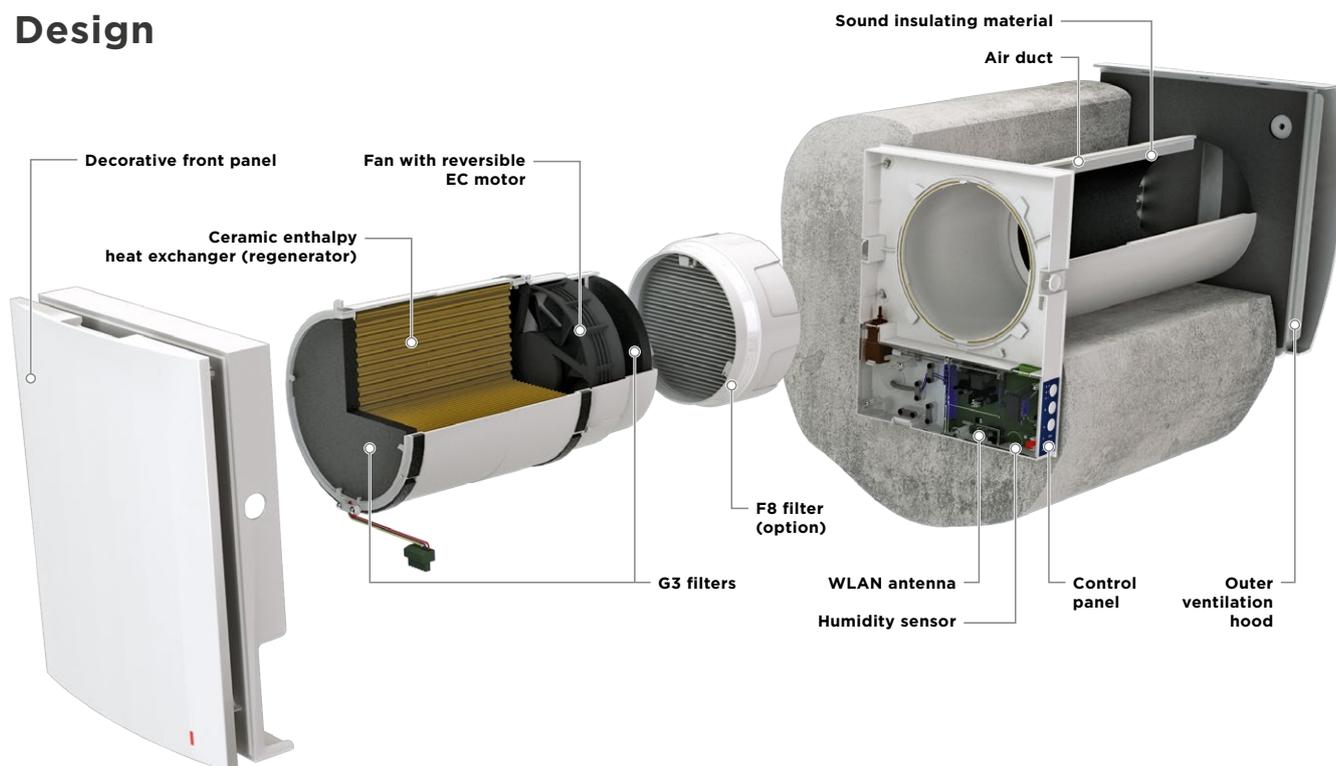
Reducing heat losses caused by ventilation due to heat recovery.

Humidity balance and controllable air exchange create individually controlled microclimate.

Wi-Fi data exchange between several single-room ventilation units for coordinated operation.

Controlled by Android or iOS smartphone or tablet.

Design



One of the best heat recovery efficiency on the market due to innovative hexagonal structure of the heat exchanger cells



Built-in Wi-Fi for wireless communication between units and Android or iOS device control



Integrated automatic air shutters prevent air back drafting



Easy maintenance. Indoor unit is opened by pressing the latches on both sides. The specially designed front panel can be closed manually to ensure 100 % air tightness and protect against wind impact

Energy Recovery



Warm stale air is extracted from the premise, flows through the ceramic heat exchanger and transfers its heat and moisture to it.

As the ceramic heat exchanger gets warmed up, the unit switches to the supply mode.

Clean cold intake air flows through the heat exchanger and absorbs accumulated heat and humidity.

When the heat exchanger is cooled down, the unit switches to the extract air mode.

Control

Unit control via smartphone or tablet application.

The units can be connected by Wi-Fi for synchronized operation.

House ventilation control via cloud service from anywhere in the world.

Connection to smart house or Building Management System (BMS) via Wi-Fi.

Vento Expert A50-1 S10 W V.2 either can operate as independent unit or can be connected with other units in a house and controlled with a master unit. In this case, only the master unit receives a signal from the remote control.

Control of the unit operation mode is also performed by means of the sensor control panel located on the unit casing or the remote control.

Vento Expert is equipped with a humidity sensor for indoor humidity control. If humidity increases above a set point, the unit boosts to the speed III.

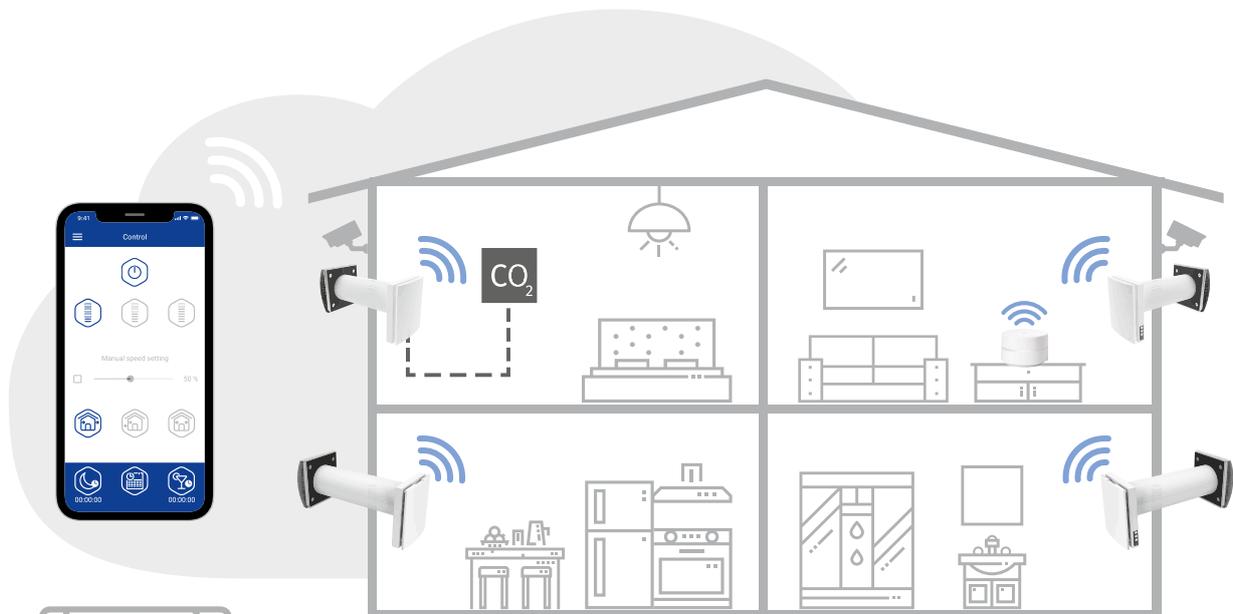
Blauberg Vento V.2 app for Android or iOS devices is available at Google Play and App Store



GET IT ON
Google Play



Download on the
App Store



SMART HOUSE



For living rooms and bedrooms

For kitchen and bathroom



Vento Expert



Vento Expert Duo

Mounting

The unit is designed for through-the-wall installation inside a prepared hole in an outer wall of the building.

The best ventilation solution is pairwise installation of reverse phase synchronized units. Some units ensure supply of fresh air to the room and the other units extract air from the premise. This way the most efficient balanced ventilation is arranged.

In case of brand new construction, units are mounted in two stages:

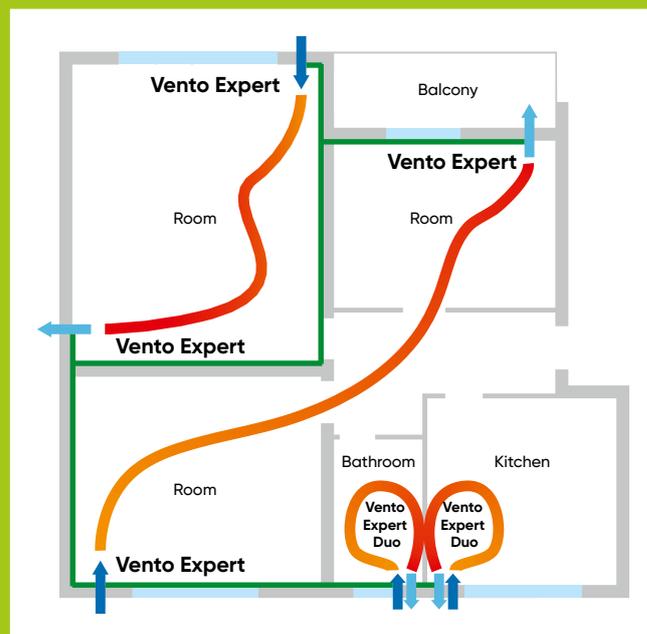
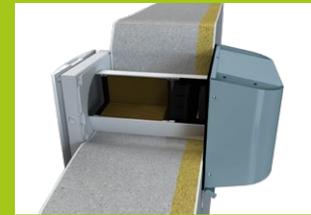
Pre-installation of an air duct and an outer ventilation hood at the stage of indoor finishing and outer decorative wall finishing.

Completion of the installation before commissioning of a house. It includes installation of the indoor unit with controller and shutters the cartridge, the heat exchanger, the fan and the filters.

Angular mounting into a wall with standard thickness using **KIT BlauPlast white 160 / KIT BlauPlast chrome 160**



Unit installation example with the hood for thin walls **AH-S grey 160 / AH-S chrome 160**



Technical Data

Parameters	Vento Expert A50-1 S10 W V.2 Vento Expert A50-1 S W V.2		
	I	II	III
Speed	I	II	III
Voltage [V / 50 (60) Hz]	100-240		
Power [W]	4.45	5.08	7.06
Current [A]	0.035	0.040	0.059
RPM [min ⁻¹]	800	1300	1900
Air flow in ventilation mode [m ³ /h (l/s)]	15 (4)	30 (8)	50 (14)
Air flow in energy recovery mode [m ³ /h (l/s)]	8 (2)	15 (4)	25 (7)
SFP [W/l/s]	2.14	1.22	1.02
Filter	G3 (Option: F8 PM2.5 > 99 %*)		
Transported air temperature [°C]	-20...+40		
Sound pressure level at 1 m in accordance with ISO 3741:2004 [dBA]	20	27	30
Sound pressure level at 3 m in accordance with ISO 3741:2004 [dBA]	11	18	21
Outdoor sound pressure attenuation in accordance with DIN EN 20140 [dBA]	42		
Classification of air flow sensitivity to pressure difference variations in accordance with EN 13141-8	S2		
Indoor/outdoor airtightness classification of the complete unit in accordance with EN 13141-8	D1		
Heat recovery efficiency in accordance with DIBt LÜ-A 20 [%]	up to 93		
Ingress protection rating	IP24		

* maximum air flow 40 m³/h

Ordering Information

Part Number	Model	Description
BLAVENTOA50EXPERTV2	VENTO Expert A50-1 W V.2	SINGLE ROOM ERV WITH WIFI CONTROL

Overall Dimensions [mm]

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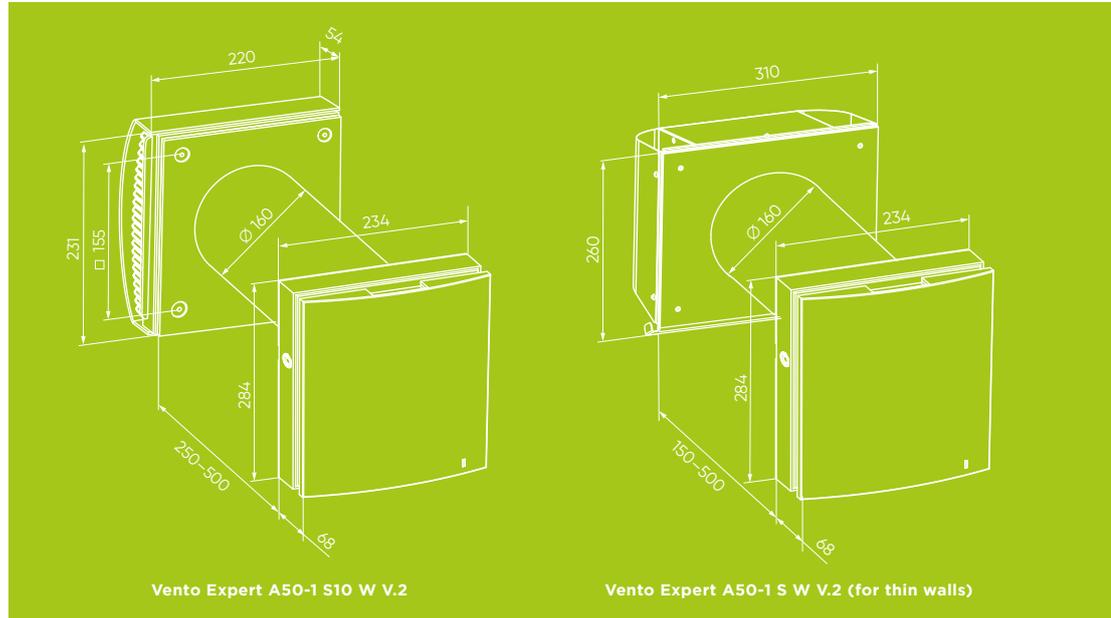
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BLAUBERG Vento Expert A50-1 S10 W V.2

A+
A
B
C
D
E
F
G

38 dB
25 m³/h

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2020 1254/2014



KOMFORT

D 350P S41

SUSPENDED HEAT AND ENERGY RECOVERY AIR HANDLING UNITS



up to
400 m³/h



up to
80 %



IPX4



FEATURES

Air handling unit for efficient supply and exhaust ventilation in flats, houses, cottages and other buildings.

Heat and energy recovery enables reduction of air conditioning load in hot climate conditions and heat losses in cold climate conditions.

Controllable air exchange ensures the best suitable indoor microclimate.

Compatible with round Ø 100 or 150 mm air ducts.

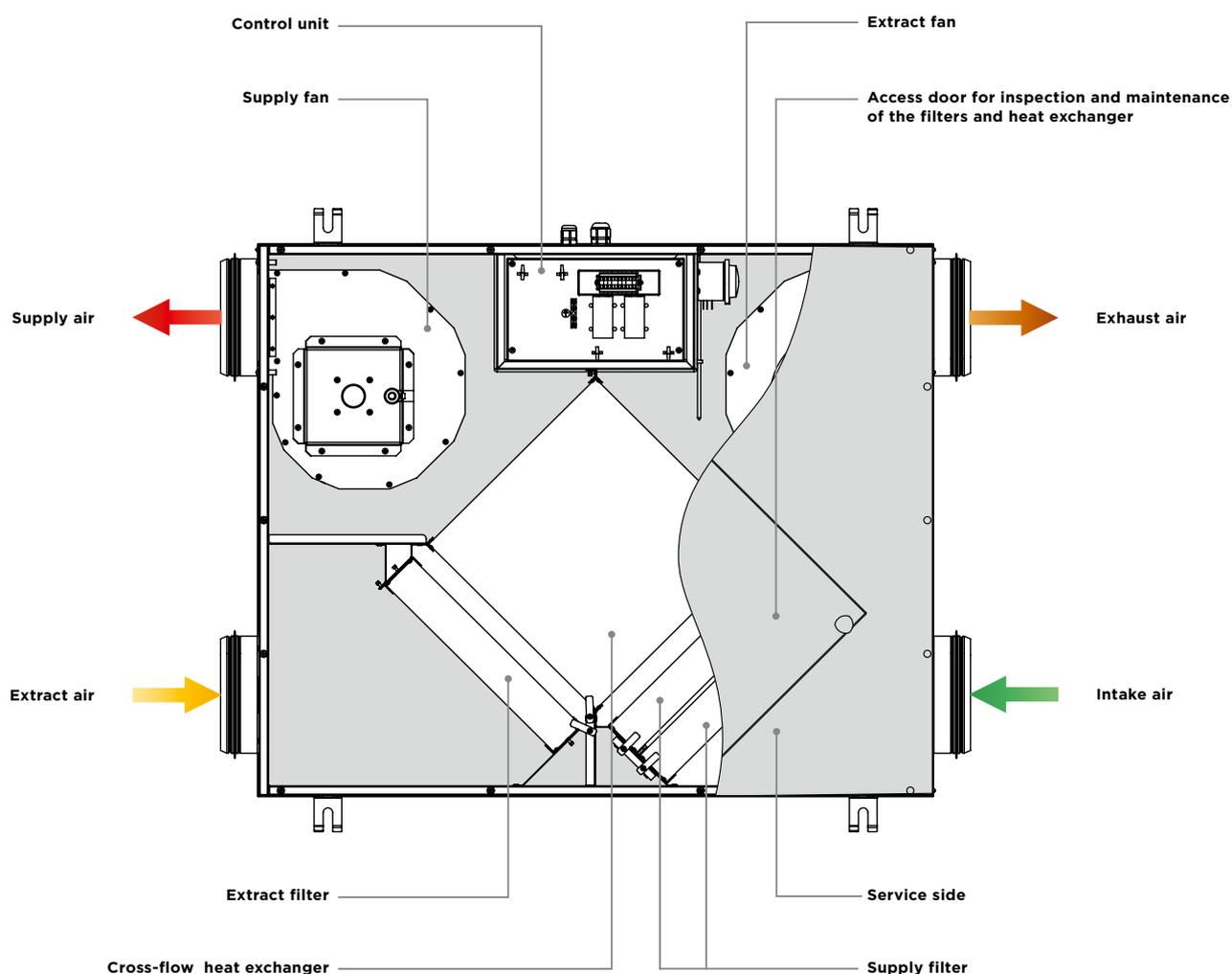
Design

The casing is made of polymer coated steel panels, internally heat- and sound insulated with 5-10 mm (depend on modification) polyurethane foam.

The bottom service panel provides easy access for maintenance of the filters and the heat exchanger.

The spigots for connection to the air ducts are located on the sides of the unit and are rubber sealed for airtight connection to the air ducts.

The mounting brackets on the casing ensure easy installation under the ceiling.



Ordering Information

Part Number	Model	Description
BLAKOMFORTD350PS41	KOMFORT ERV D 350P S41	CEILING MOUNTED ENERGY RECOVERY AHU

Fans

The units are equipped with three-speed external rotor motors with centrifugal impellers and forward curved blades.

Integrated overheating protection with automatic restart.

Ball bearings for longer service life.

Dynamically balanced impellers.

Distinguished with reliable and low noise operation.

Air Filtration

Two built-in G4 and F7 filters provide efficient supply air filtration.

The G4 filter is used for extract air filtration.

Energy Recovery

The unit is equipped with a plate cross-flow enthalpy aluminium heat exchanger.

Heat recovery is based on heat and moisture transfer between the extract and supply air streams through the heat exchanger plates. The air flows are fully separated while flowing through the heat exchanger.

The process of heat transfer proceeds in the heat exchanger where extract air transfers most of its heat to the intake air flow. This reduces heat energy losses in cold seasons. In summer heat recovery acts reverse: the cooled extract air transfers part of cold to the warm intake air. This contributes to better performance of the air conditioner in ventilated premises.

Control and Automation

The unit have the integrated S41 control panel with the functions:

Unit On/Off

Speed selection

Setting indoor air temperature

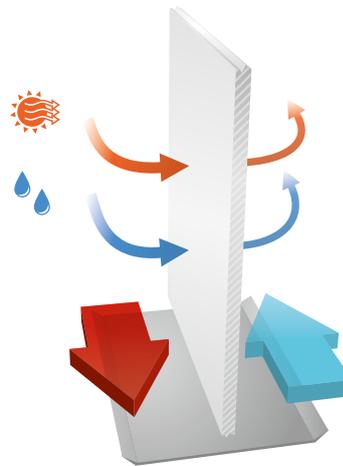
Setting week scheduled operation



Mounting

Due to the low casing height the unit perfectly fits for mounting in the limited space behind the suspended ceiling.

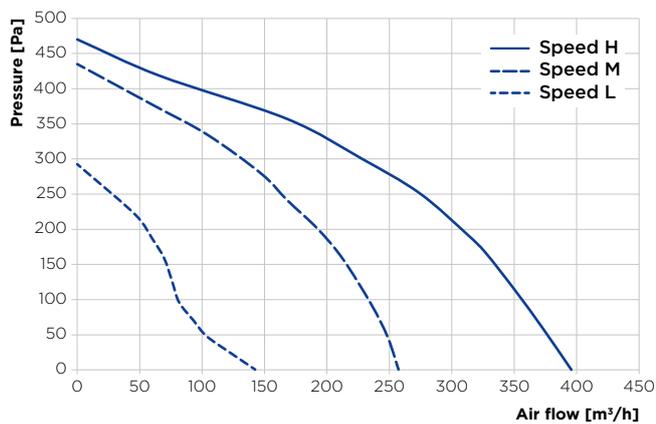
The unit mounting position must provide access for service maintenance.



Technical Data

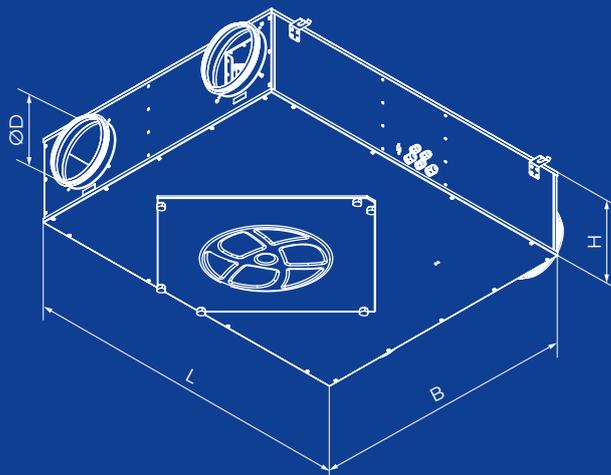
Parameters	KOMFORT ERV D 350P S41		
	L	M	H
Speed	L	M	H
Voltage [V/50 Hz]	220		
Power [W]	181	231	330
Current [A]	0.82	1.05	1.50
Maximum air flow [m ³ /h (l/s)]	140 (39)	260 (72)	400 (111)
RPM [min ⁻¹]	800	1100	1450
Sound pressure level at 3 m [dBA]	40	49	58
Transported air temperature [°C]	-25...+40		
PM2.5 filtration efficiency	96	95	95
Casing material	polymer coated steel		
Connected air duct diameter [mm]	150		
Weight [kg]	32		
Heat recovery efficiency [%]	76	72	66
Heat exchanger type	cross-flow		
Heat exchanger material	aluminium		

*Heat recovery efficiency is specified in compliance with EN 13141-7.



Overall Dimensions

Dimensions [mm]	Ø D	B	H	L
KOMFORT ERV D 350P S41	150	704	227	854



DUCTS & CONNECTORS

Flexible Air Ducts BlauFlex AF

Made of polyester laminated aluminium foil reinforced with spiral steel wire

Temperature range: -30...+90 °C

ORDERING INFORMATION

Part Number	Model	Description
BLABDCT1003AL	BlauFlex AF M1/102/3 (b)	100 mm × 3 m ALUMINIUM DUCT
BLABDCT1253AL	BlauFlex AF M1/127/3 (b)	125 mm × 3 m ALUMINIUM DUCT
BLABDCT1503AL	BlauFlex AF M1/152/3 (b)	150 mm × 3 m ALUMINIUM DUCT
BLABDCT2003AL	BlauFlex AF M1/203/3 (b)	200 mm × 3 m ALUMINIUM DUCT



Flexible Air Ducts BlauFlex PVC

Made of 65 micron thick white PVC film reinforced with steel wire frame

Temperature range: -18...+70 °C

ORDERING INFORMATION

Part Number	Model	Description
BLABDCT1003PVC	BlauFlex PVC 102/3 (b)	100 mm × 3 m PVC DUCT
BLABDCT1254PVC	BlauFlex PVC 127/4 (b)	125 mm × 4 m PVC DUCT
BLABDCT1505PVC	BlauFlex PVC 152/5 (b)	150 mm × 5 m PVC DUCT



All ducting meets the requirements of Australian Standards 4254 and the building codes of Australia for domestic and commercial air handling systems

Semi Rigid Aluminium Ducts

ORDERING INFORMATION

Product Code	Size
BLADUCTAN100	100 mm×3 m
BLADUCTAN125	125 mm×3 m
BLADUCTAN150	150 mm×3 m
BLADUCTAN200	200 mm×3 m



Backdraft Dampers

Inline plastic backdraft damper

For the prevention of air movement in the duct when a fan is not operating. For use with 100 mm to 150 mm fans with low pressure curves (Pa).

ORDERING INFORMATION

Part Number	Description
BLABBACKDRAFT100	PLASTIC BACKDRAFT DAMPER 100 mm
BLABBACKDRAFT125	PLASTIC BACKDRAFT DAMPER 125 mm
BLABBACKDRAFT150	PLASTIC BACKDRAFT DAMPER 150 mm



Joining Collars

Inline plastic joining collar for joining two lengths of ducting together

ORDERING INFORMATION

Part Number	Description
BLABDUCTJOINER100	100 mm PLASTIC DUCT JOINER
BLABDUCTJOINER125	125 mm PLASTIC DUCT JOINER
BLABDUCTJOINER150	150 mm PLASTIC DUCT JOINER



Duct Reducers

ORDERING INFORMATION

Part Number	Description
BLABDUCTREDUCER125100	125 mm/100 mm PLASTIC DUCT REDUCER
BLADUCTREDUCER150100	150 mm/100 mm PLASTIC DUCT REDUCER
BLABDUCTREDUCER150125	150 mm/125 mm PLASTIC DUCT REDUCER



All ducting meets the requirements of Australian Standards 4254 and the building codes of Australia for domestic and commercial air handling systems

GRILLES & DIFFUSERS

Decor ... G

Plastic gravity grilles

Designed for outer wall mounting

Temperature and UV-resistant antistatic plastic

Equipped with gravity louvre shutters for back flow prevention

Hidden flush mounted fasteners. Easy maintenance

ORDERING INFORMATION

Part Number	Description
BLABGR100WHG	GRILLE, GRAVITY, WHITE, 100 mm
BLABGR125WHG	GRILLE, GRAVITY, WHITE, 125 mm
BLABGR150WHG	GRILLE, GRAVITY, WHITE, 150 mm
BLABGR100WHGB	GRILLE, GRAVITY, BLACK, 100 mm
BLABGR125WHGB	GRILLE, GRAVITY, BLACK, 125 mm
BLABGR150WHGB	GRILLE, GRAVITY, BLACK, 150 mm



Decor

Plastic fixed grilles

Designed for wall and ceiling mounting

Temperature and UV-resistant antistatic plastic

Equipped with a protecting insect mesh

Hidden flush mounted fasteners. Easy maintenance

ORDERING INFORMATION

Part Number	Description
BLABGR100WHF	GRILLE, FIXED, WHITE, 100 mm - C/W INSECT MESH
BLABGR125WHF	GRILLE, FIXED, WHITE, 125 mm - C/W INSECT MESH
BLABGR150WHF	GRILLE, FIXED, WHITE, 150 mm - C/W INSECT MESH



Decor ... HK

Plastic weatherproof cowls

Designed for outer wall mounting

Gravity backdraft damper for back flow prevention

Protection grille against birds and rodents

Temperature and UV-resistant antistatic plastic

Flush mounted fasteners

Easy maintenance

ORDERING INFORMATION

Part Number	Description
BLABGR100C	GRILLE, COWL, WEATHERPROOF WHITE, 100 mm
BLABGR125C	GRILLE, COWL, WEATHERPROOF WHITE, 125 mm
BLABGR150C	GRILLE, COWL, WEATHERPROOF WHITE, 150 mm



Decor ... EG

Plastic eggcrate grilles

Designed for ceiling or soffit mounting

Easy maintenance

Designed for ceiling mounting with round ducts

Hidden flush mounted fasteners and insect mesh

ABS plastic

Temperature resistant, UV protected antistatic plastic

ORDERING INFORMATION

Part Number	Description
BLABGR100WHE	GRILLE, EGGCRATE, WHITE, 100 mm - C/W INSECT MESH
BLABGR125WHE	GRILLE, EGGCRATE, WHITE, 125 mm - C/W INSECT MESH
BLABGR150WHE	GRILLE, EGGCRATE, WHITE, 150 mm - C/W INSECT MESH



DPR

Plastic supply and exhaust diffusers

For supply ventilation, air conditioning and heating.

Designed for ceiling or soffit mounting

Used to arrange correct air circulation in premises.

Temperature resistant, UV protected antistatic plastic

ORDERING INFORMATION

Part Number	Description
BLABGR100RG	GRILLE - ROUND - WHITE, 100 mm - C/W INSECT MESH
BLABGR125RG	GRILLE - ROUND - WHITE, 125 mm - C/W INSECT MESH
BLABGR150RG	GRILLE - ROUND - WHITE, 150 mm - C/W INSECT MESH



INSTALLATION KITS

Wall Fan Installation Kits

Designed to complete the installation of wall fans through an exterior wall.

The kit comes complete with expandable semi rigid ducting for the maximum wall of cavity of 300 mm, a weatherproof white exterior grille with backdraft damper, and duct tape.

ORDERING INFORMATION

Part Number	Description
BLABWALLKIT100	Wall Fan Installation Kit - 100 mm
BLABWALLKIT125	Wall Fan Installation Kit - 125 mm
BLABWALLKIT150	Wall Fan Installation Kit - 150 mm





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