



Contents

Description	Page
Roof Top Ventilation	
Low Profile Roof Vent	1-01
Le Mans Vent	1-02
Winglet	1-03
Le Mans Motor	1-04
Dog Inner Grille	1-05
V12 Inner Valve	1-06
Thermo Actuator	1-06
Ambulance Inner Valve	1-07
Stainless Steel Inner Valve	1-08
Three Way Switch	1-09
Speed Control Unit	1-10
Snow Filter	1-11
Floor Vent	1-12
Turbo III	1-13a
Turbo II	1-13b
Flettner 2000	1-14
Scoop Vent	1-15a
Inner Grille Cover	1-15b
Glass Roof Hatch Control Unit	1-16a
Glass Roof Hatch	1-16b
Vehicle Lighting	
Disc Recessed Series	2-01a
Disc Water Tight Recessed Series	2-01b
Disc Surface Mounted Series	2-01c
Disc Water Tight Surface Mounted	2-01d
LED Panel Light	2-02
Canal 28	2-03
Alley	2-04
Micro Edge Water Tight Connect	2-05
Micro Avenue	2-06
Micro Canal 60	2-07
Track 60	2-08
Track 40	2-09
Track Light	2-10

Description	Page
Vehicle Lighting—continued	
SPEO Series	2-11
Interior Strip Light	2-12
STCS Series	2-13
Touch/Non-Touch Pad Light	2-14
Specialized Vehicle Light	2-15
Ambulance Light	2-16
Staged LED Light	2-17
Power LED Spot—Eyeball	2-18a
Power LED Spot—Recessed	2-18b
Power LED Spot—Tilttable	2-18c
Downlighter	2-19
12V Chrome Downlighter	2-20
Bullet Light	2-21
Oval Step Light	2-22
Work Lamp	2-23
Rear Burger Light	2-24
Position Light	2-25
Side Light	2-26
Light Bar	2-27
Mini Amber Light Bar	2-28a
Low Profile Mini Light Bar	2-28b
Comet Mini Amber Light Bar	2-28c
Low Profile Mini Light Bar	2-28d
Step Lights and Marker Lights	2-30a
SMD Flexi Strip Light	2-31
Motion Sensor	2-32
Locks and Latches	
Mondial Door Lock	3-01
Lever Handle	3-02
Slimline Compression Latch	3-03a
RT5 Compression Latch	3-03b
Push Button Compression Latch	3-03c
Vector P Handle	3-04
Vector T—Screw Mounted	3-05a

Contents

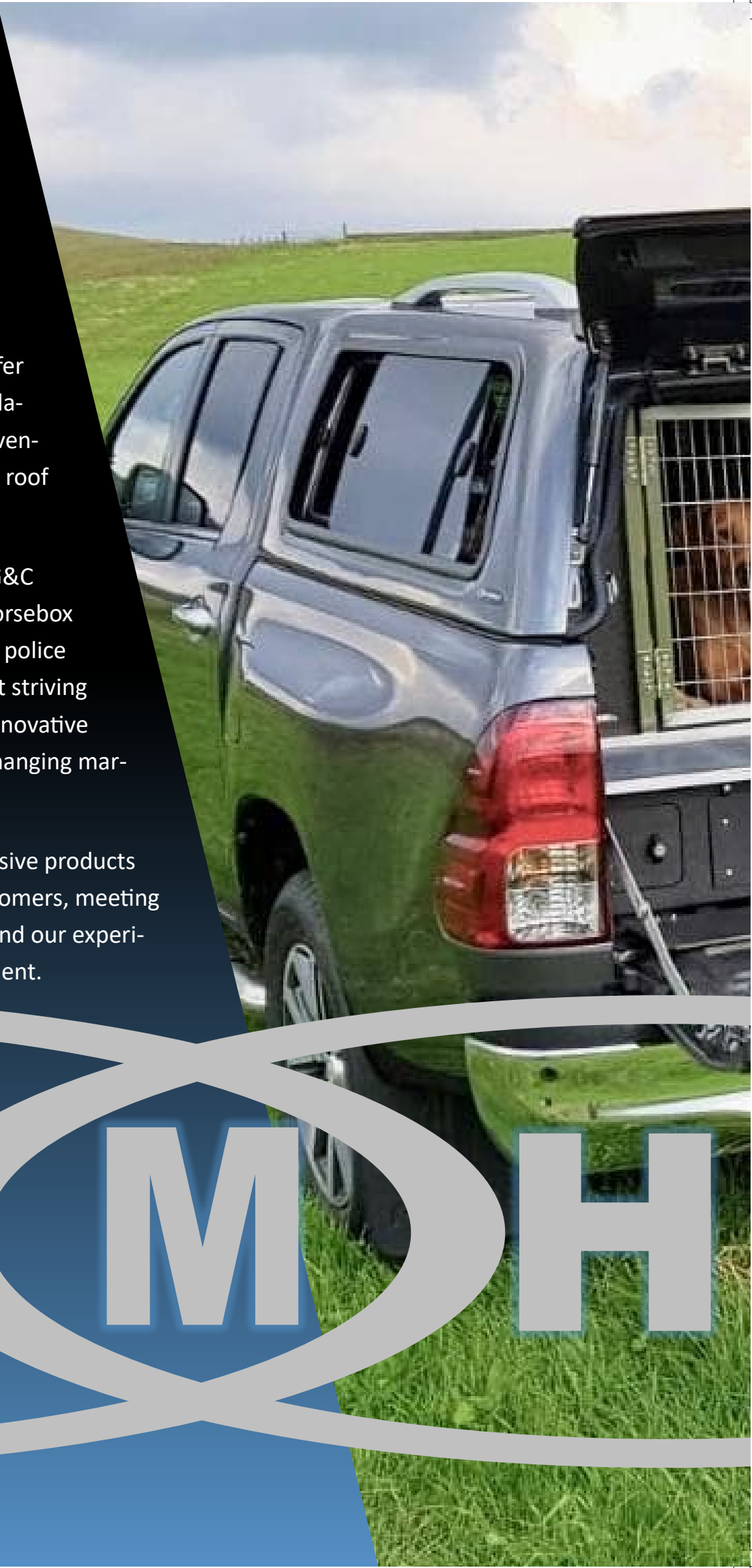
Description	Page
Locks and Latches—continued	
Vector T—Hidden Fix	3-05b
Vector T3—Central Locking	3-05c
Vector T3—Mechanical	3-05d
Wing Knob	3-06
Safety Equipment	
Fire Extinguisher	4-01a
Fire Maintenance Sticker	4-01b
Fire Blanket	4-01c
Burns Kit	4-01d
First Aid Kit—Wall Mounted	4-02a
First Aid Kit—Soft Pouch	4-02b
First Aid Kit—One Man Pouch	4-02c
Eye Wash Station	4-03
DEB Unit	4-04
Hand Wash Units	4-05
Hand Towel Dispenser	4-06
Panic Strip	4-07
Grab Handles	4-08
General Additions	
Sockets	5-01
Rubber Door Retainer	5-02a
Metal Door Retainer	5-02b
Magnetic Door Retainer	5-02c
Stainless Steel Lashing Ring	5-03a
Lashing Ring	5-03b
Anti-Luce	5-04
Spring Bolt	5-05
Access Hatch	5-06
Coat Hook	5-07
Hinge	5-08
External Hinge 180°	5-09

[illegible]

Our approach to vehicle conversion is simply 'Fit it and forget it'. This statement succinctly describes our ventilation products which are one of the leading brands in this highly specialised market. Using our partners G&C Systems, we can offer a wide range of rooftop ventilators, ventilation valves, axial ventilators, radial ventilators and roof hatches.

PMH have consistently sold G&C products to coachbuilders, horsebox builders, ambulance, fire and police vehicles for many years whilst striving to design and develop new innovative solutions to meet our ever-changing market demands.

It is possible to develop exclusive products working closely with our customers, meeting their ideas or specifications and our experience, research and development.



PMH



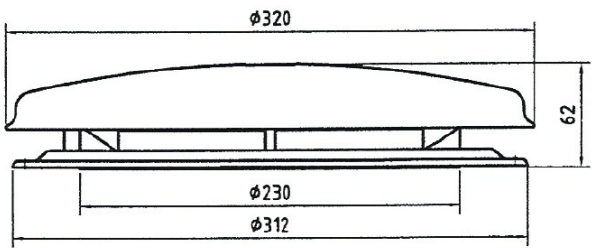
Product	Page No.
Low Profile Roof Vent	1-01
Le Mans Vent	1-02
Winglet	1-03
Le Mans Motor	1-04
Dog Inner Grille	1-05
V12 Inner Valve	1-06
Thermo Actuator	1-06
Ambulance Inner Valve	1-07
Stainless Steel Inner Valve	1-08
Three Way Switch	1-09
Speed Control Unit	1-10
Snow Filter	1-11
Floor Vent	1-12
Turbo III	1-13a
Turbo II	1-13b
Flettner 2000	1-14
Scoop Vent	1-15a
Inner Grille Cover	1-15b
Glass Roof Hatch Control Unit	1-16a
Glass Roof Hatch	1-16b

Roof Top Ventilation

Low Profile Roof Vent

The Low profile roof vent gives a shallower option of the Le Man Vent. Available in a choice of Black or White, 12V or 24V and a selection on accessories, such as the speed control, switch, internal valves and grilles and snow filters.

This Product is EMC Approved.



Roof Top Ventilation

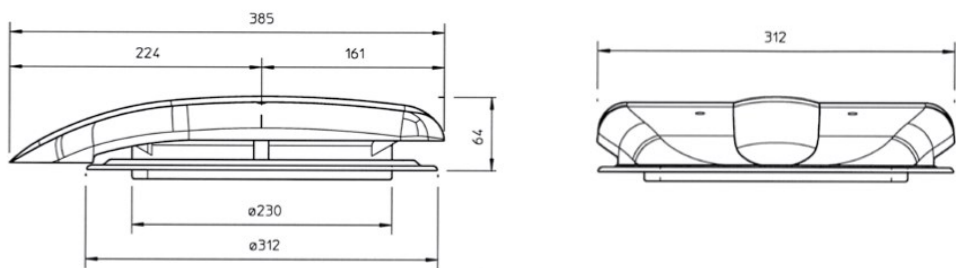
Part No.	Voltage	Air Flow	Watt	Nominal Speed	Noise Level	Function	Rooftop Opening	Roofing Material	Cover Material
	V	m³/h	W	RPM	DB(A)		mm		
02-0200	12	850	80	2600	52	Suction /	230 / 245	ABS / White RAL	PA6 / White
02-0200ZW	12	850	80	2600	52	Suction /	230 / 245	ABS / White RAL	PA6 / Black
02-0300	24	850	80	2600	52	Suction /	230 / 245	ABS / White RAL	PA6 / White
02-0300ZW	24	850	80	2600	52	Suction /	230 / 245	ABS / Black RAL	PA6 / Black

As with any motorized vent, due to the pitch of the blades the prime role is extraction. It will impel however at a much lower air movement.

Le Mans Vent

The Le Mans Vents are the last word in motorised roof ventilation. Available in a choice of Black or White, 12V or 24V and a selection on accessories, such as the speed control, switch, internal valves and grilles and snow filters.

This product is EMC Approved.



Part No.	Voltage	Air Flow	Watt	Nominal Speed	Noise Level	Function	Rooftop Opening	Roofing Material	Cover Material
	V	m ³ /h	W	RPM	DB(A)		mm		
02-2200	12	850	80	2600	52	Suction /	230/245	ABS / White	PA6 / White
02-2200ZW	12	850	80	2600	52	Suction /	230/245	ABS / White	PA6 / Black
02-2300	24	850	80	2600	52	Suction /	230/245	ABS / White	PA6 / White
02-2300ZW	24	850	80	2600	52	Suction /	230/245	ABS / Black	PA6 / Black

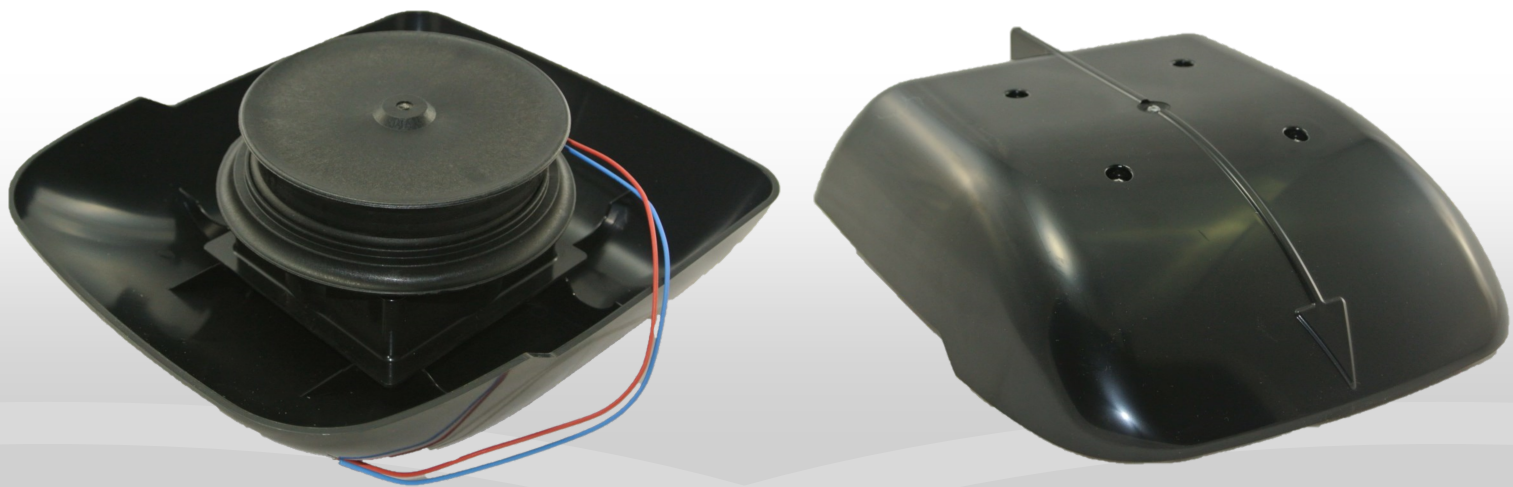
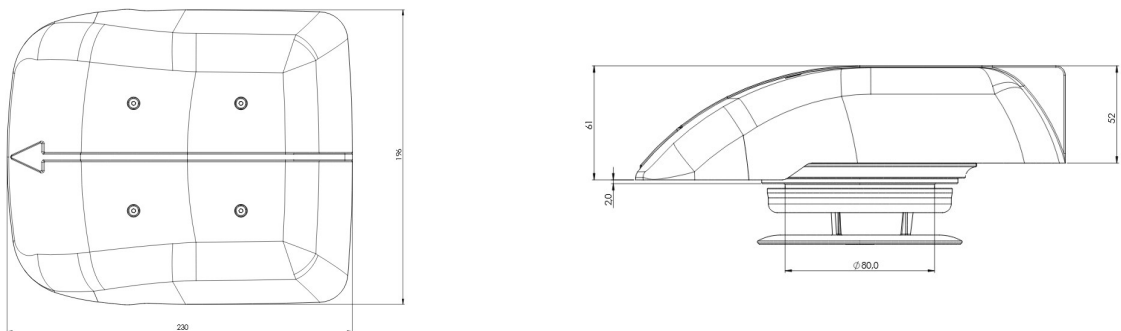
Roof Top Ventilation

As with any motorized vent, due to the pitch of the blades the prime role is extraction. It will impel however at a much lower air movement.

Winglet

The standard mounting of the winglet suits a roof thickness of 1—17mm. Other mounting sets are available on request. This vent requires a roof cut out of Ø 80mm. The Winglet comes complete with the open and close valve.

This products is EMC Approved.



Roof Top Ventilation

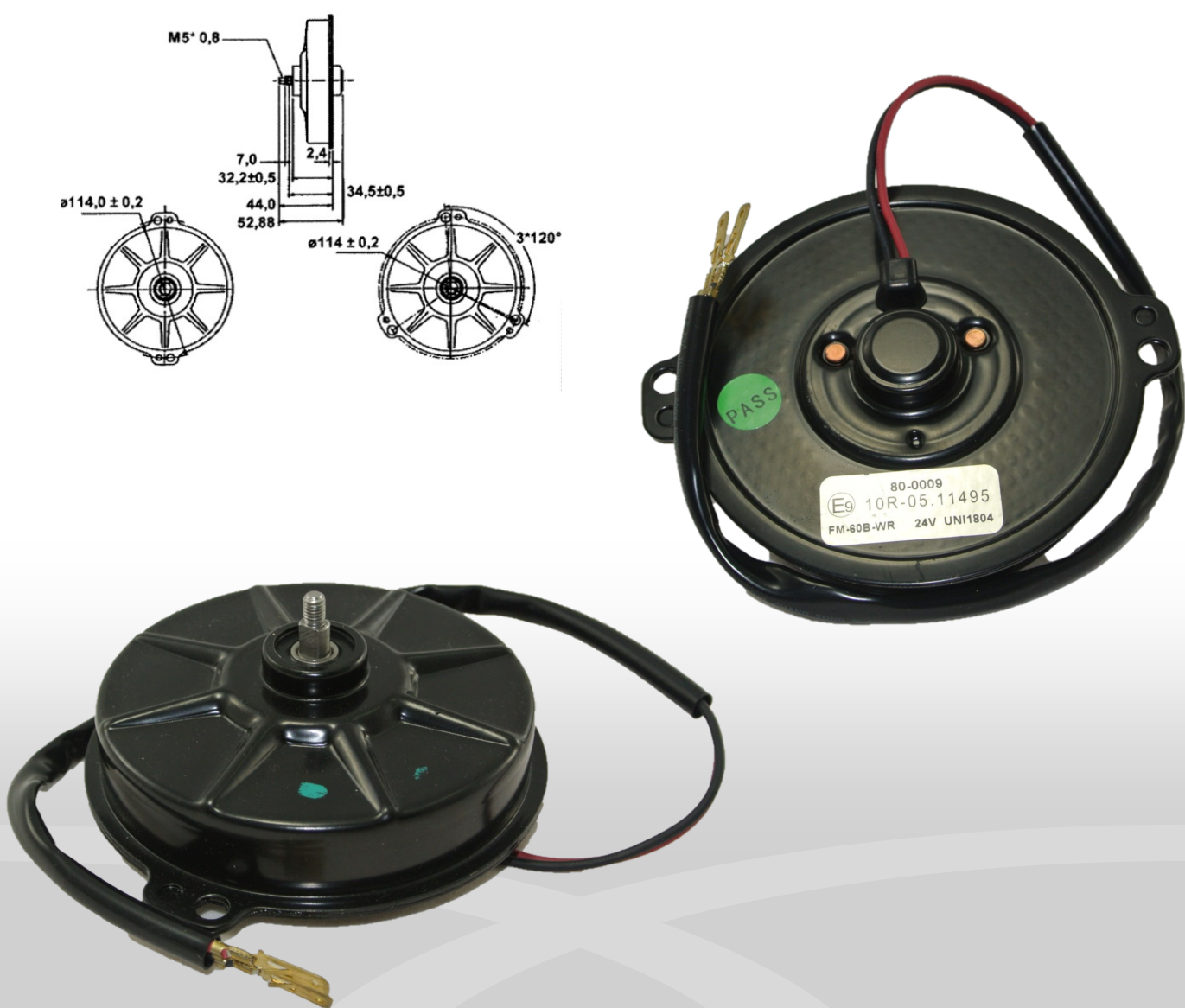
Part No.	Voltage	Air Flow	Watt	Noise Level	Function	Rooftop Opening	Material
	V	m³/h	W	DB(A)		mm	
02-5000	12	65	3	32	Suction / Blowing	80	ABS / White
02-5100	12	65	3	32	Suction / Blowing	80	ABS / Black

As with any motorized vent, due to the pitch of the blades the prime role is extraction. It will impel however at a much lower air movement.

Le Mans Motor

The Le Mans Spare Motors are available in 12 and 24V.

Suitable as spare motors for the Low Profile Roof Vent range and the Le Mans Vent range. For more information on these parts see pages 6 and 7 respectively.



Part No.	Voltage	Watt	Nominal Speed	Weight
	V	W	RPM	Kg
80-0008	12	44	2200	0.6
80-0009	24	46	2200	0.6

As with any motorized vent, due to the pitch of the blades the prime role is extraction. It will impel however at a much lower air movement.



Safety Inner Grille

‘Dog Inner’

The inner grille is designed to fit with the Le Mans and Low Profile motorized vents. The simple yet stylish design provides protection from the blades of the vent whilst allowing smooth and continuous airflow.

A must for any animal transit vehicle.

Available in black, white and grey to suit the vehicle interior.



Roof Top Ventilation

Part No.	Dimensions	Material	Colour
35-2700	Ø 270 x 4mm	ABS	White
35-2710	Ø 270 x 4mm	ABS	Light Grey
35-2720	Ø 270 x 4mm	ABS	Black



V12 Inner Valve

The V12 Inner Valve is able to be opened and closed either manually or electrically. The valve is available in white and grey, we can also offer the facility to add automatic open and close with the Thermo Actuator.

This product is designed to fit the Le Mans Vent range.



Part No.	Description	Voltage	Weight	Colour	Overall Diameter	Material
		V	kg		mm	
35-2400	Manual Inner Valve	N/A	0.5	White	290	ABS
35-2410	Manual Inner Valve	N/A	0.5	Grey	290	ABS
30-7000	Auto Open/Close Thermo Actuator	12/24	0.1	Terracotta	N/A	ABS

Roof Top Ventilation



Ambulance Inner Valve

The four black vent outlets work independently to each other, and can swivel a full 360°. The vent caps tilt from closed to fully open at a 90° angle to allow for an adjustable airflow rate from each outlet.

This product can be used as an option with the Le Mans Vent Range.



Roof Top Ventilation

Part No.	Description	Voltage	Weight	Colour	Overall Diameter	Material
		V	kg		mm	
35-2011	Manual Inner Valve	N/A	0.5	White/Black	290	ABS





Stainless Steel Inner

The polished stainless steel internal valve uses a manual twist open / close system. The inner plate smoothly turns 360°.

This product can be used as an option with the Le Mans Vent Range.



Part No.	Description	Voltage	Weight	Colour	Overall Diameter	Material
		V	kg		mm	
35-4088	Manual Inner Valve	N/A	0.5	Light Metal, Polished	250	Stainless Steel

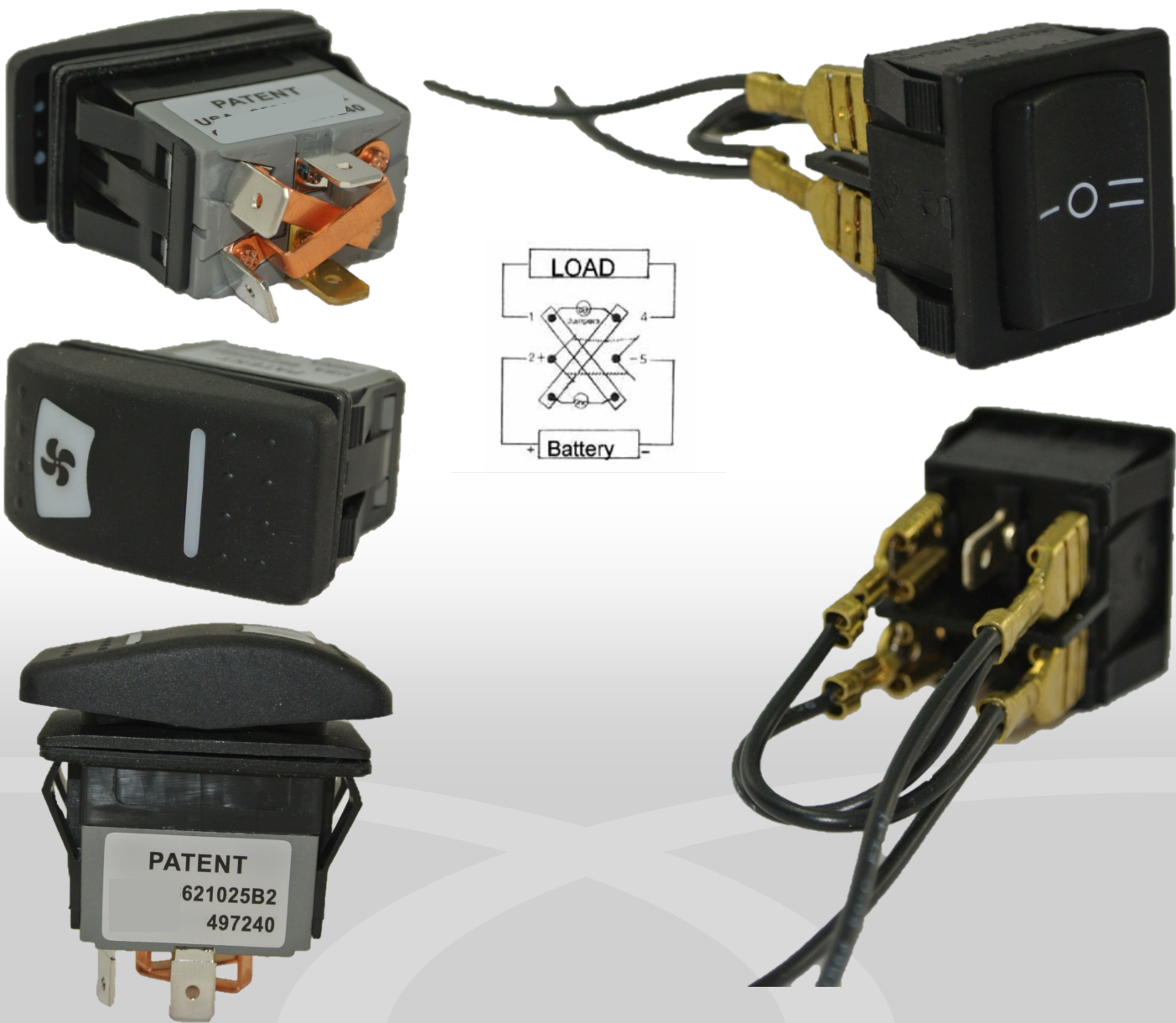
Roof Top Ventilation





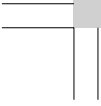
Three Way Switch

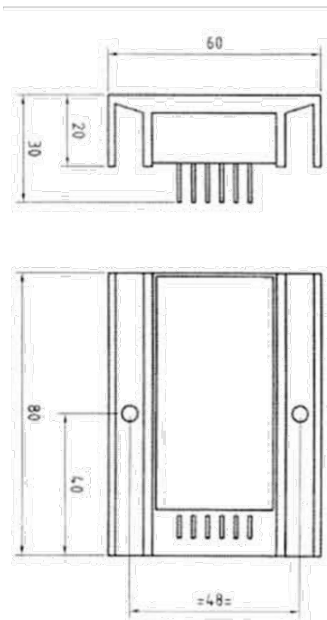
The Three way switch is designed to operate with the electric ventilation systems. On-Off-On switch pattern with a choice of smooth rocker style motion or traditional push switch style motion.



Roof Top Ventilation

Part No.	Style	Symbols	Compatible With
89-4005	Push	Traditional Off, One and Two Setting Symbols	Le Mans Range Winglet Range Low Profile Roof Vent
89-4008	Rocker	Ventilation symbols complete with illuminating red and amber lights	Le Mans Range Winglet Range Low Profile Roof Vent





Speed Control

The Speed Control Unit was developed to adjust the rotational speed of a direct current motor (or the light current of an electric bulb) by means of the regulation of the voltage. The adjusting range is between 0 and 100% of the rotation speed (or light capacity).

This runs at 10-30V and is encased in waterproof housing.



Part No.	Size	For use with
	Mm	
30-3004	64x81x31	For Rooftop Ventilator 02-0200/0300, 02-2200/2300, 02-0400/0500, 02-2400/2500

Roof Top Ventilation



Snow Filter

For application in roof top ventilators of vehicles, which are used in surroundings where it is possible that snow will be found in the air intake.

For use with Low Profile Round Vent and the Le Mans Vent.



Roof Top Ventilation

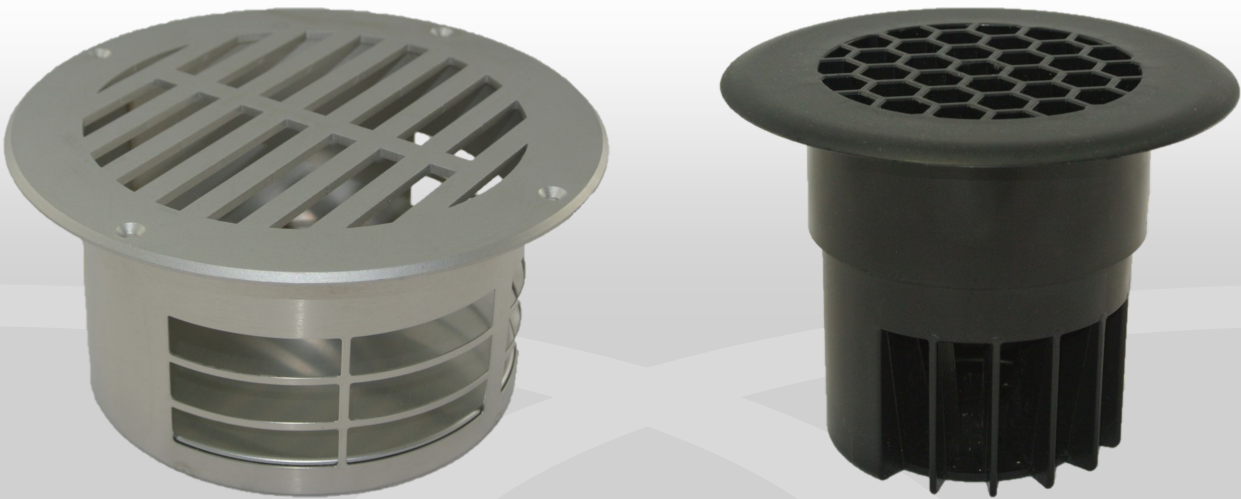
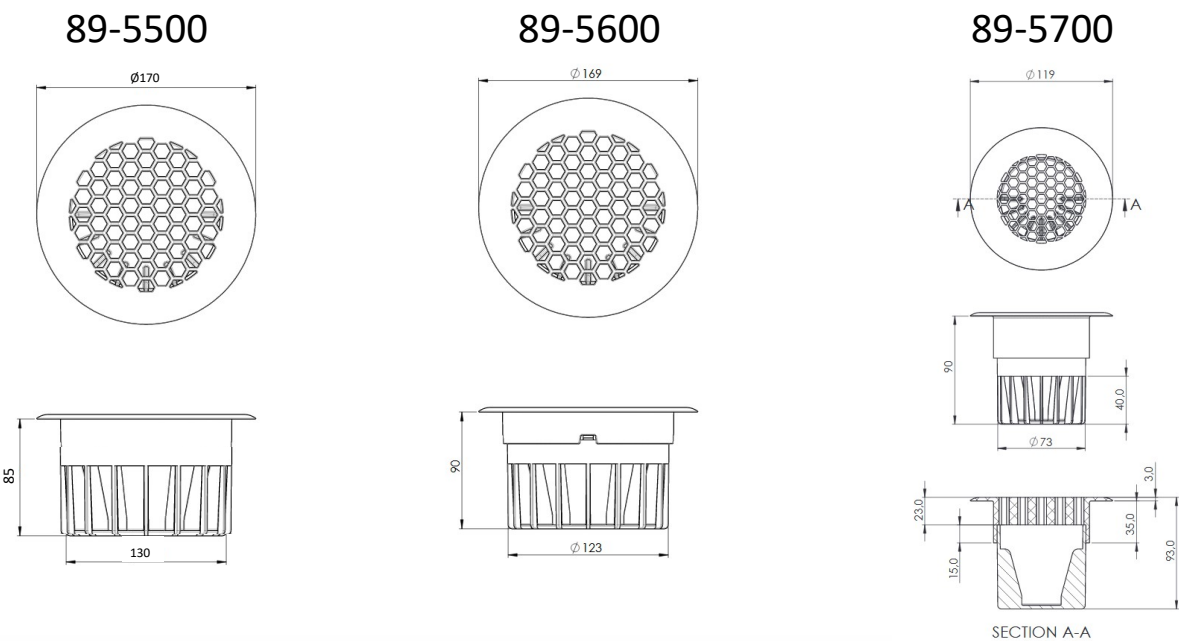
Part No.	Size	For use with
	Mm	
89-5011	860 x 40 x 10	For Rooftop Ventilator 02-0200/0300, 02-2200/2300, 02-0400/0500, 02-2400/2500



Floor Vent

The Floor Vents are designed to allow gases to exhaust through the floor, whilst maintaining a steady airflow.

These are available from stock in two sizes and a choice of Black or Stainless Steel.

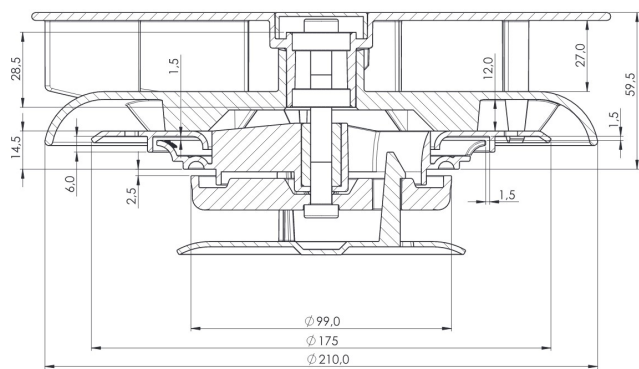


Part No.	Colour	Function	Cut Out Dimension	Material
			mm	
89-5500	Stainless Steel	Suction	130	Stainless Steel
89-5600	Black	Suction	129	PC / ABS
89-5700	Black	Suction	80	ABS

Roof Top Ventilation

Turbo III

The Turbo III Ventilator suits a roof thickness of 1—17mm, with other mounting sets available on request. The roof cut out required for this part is Ø 80mm, and is designed to be fitted with a single screw system. The ventilator is available in black and white and is supplied with an open / close valve.



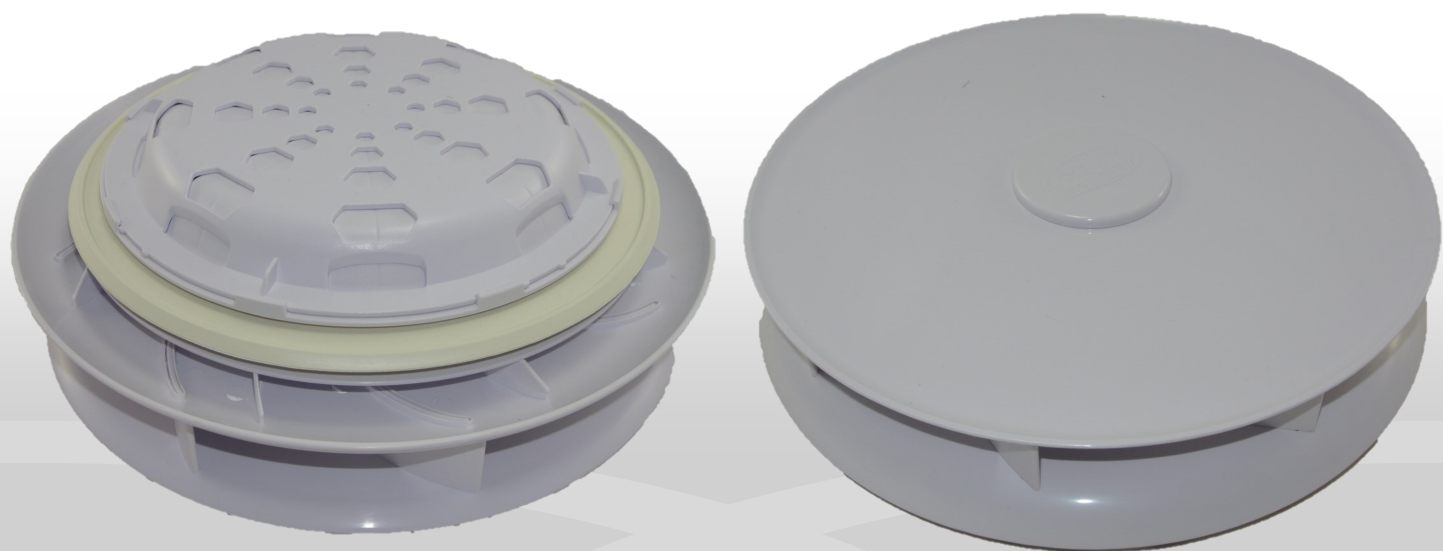
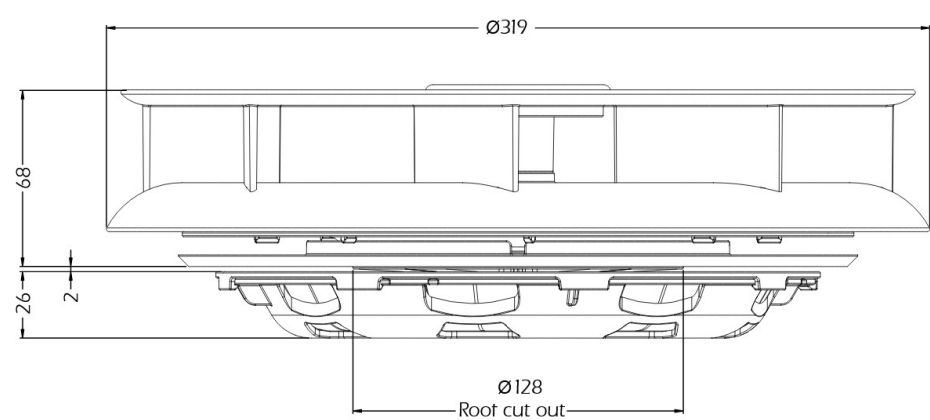
Roof Top Ventilation

Part No.	Description	Weight Kg	Bearing	Function	Rooftop Opening mm	Roofing Material
02-6000	Rotating exhaust ventilator	0.55	2 Ball	Suction	80	ABS / White
02-6100	Rotating exhaust ventilator	0.55	2 Ball	Suction	80	ABS / Black

As with any motorized vent, due to the pitch of the blades the prime role is extraction. It will impel however at a much lower air movement.

Turbo II

The Turbo II Ventilator suits a roof thickness of 1—21mm, with other mounting sets available on request. The roof cut out required for this part is Ø 128mm, and is designed to be fitted with a single screw system. This ventilator is available in black and white and is supplied with an open / close grille and shutter.

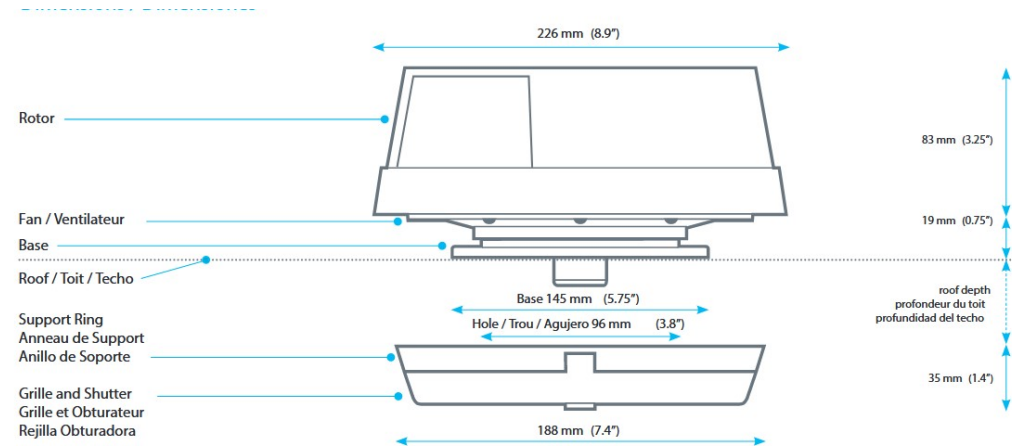


Part No.	Description	Weight Kg	Bearing	Function	Rooftop Opening mm	Roofing Material
02-7000	Rotating exhaust ventilator	1.20	2 Ball	Suction	128	ABS / White
02-7100	Rotating exhaust ventilator	1.20	2 Ball	Suction	128	ABS / Black

As with any motorized vent, due to the pitch of the blades the prime role is extraction. It will impel however at a much lower air movement.

Flettner 2000

The Flettner ‘2000’ can be fitted to vehicles with ribbed roofs provided that the gap between each rib is at least 145mm / 5.75”. An alternative model, the Flettner TCX-2TM with a narrow base option, can be fitted to roofs where the gap between ribs is as small as 108mm / 4.25”.



Wind speed Vitesse du vent Velocidad del viento		Air extraction rate Taux d'extraction d'air Tasa de extracción de aire			
MPH	km / h	CFM	ft ³ /h	m ³ /min	m ³ /h
10	16	8	480	0.23	13.8
20	32	19	1144	0.54	32.4
30	48	30	1780	0.84	50.4
40	64	41	2460	1.16	69.6
50	80	52	3136	1.48	88.8
60	96	63	3793	1.79	107.4
70	112	75	4513	2.13	127.8



Roof Top Ventilation

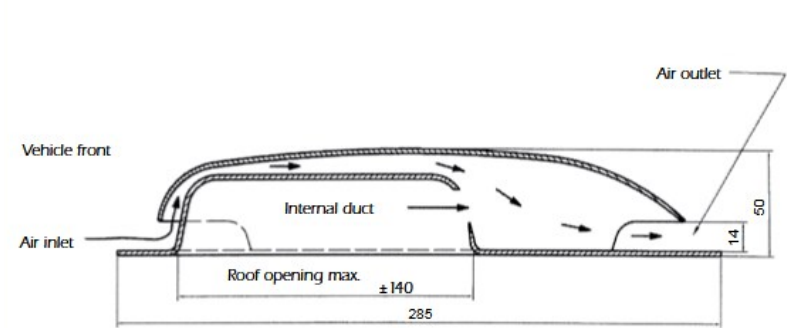
Part No.	Description	Function	Foottop Opening Mm
Flettner 2000	Rotating Exhaust Ventilator	Suction	96

Static Duct Roof Vent

‘Scoop Vent’

Our Static Duct Roof Vent, also commonly known as the ‘scoop vent’ is available in black or white.

An inner grille is available on request.



Part No.	Voltage	Air Flow	Watt	Nominal	Noise	Function	Weight	Roofing Material	Colour
	V	m ³ /h	W	RPM	DB(A)		kg		
02-1030	Without Motor					Suction	0.5	ABS	White
02-1030ZW	Without Motor					Suction	0.5	ABS	Black

Roof Top Ventilation



Inner Grille Cover

The small inner grille is designed to fit with the Static Duct Roof vents. The simple yet stylish design provides protection from the blades of the vent whilst allowing smooth and continuous airflow.

Available in black, white and grey to suit the vehicle interior.



Roof Top Ventilation

Part No.	Dimensions	Material	Colour
35-2600	Ø 140 x 4mm	ABS	White
35-2610	Ø 140 x 4mm	ABS	Light Grey
35-2620	Ø 140 x 4mm	ABS	Black



Roof Hatch Control Unit

The Control for your Electric Glass Roof Hatch is Homologated according to EC 2004/104 and is EMC approved.

This unit is capable of controlling up to two separate hatches, operating the open/close function at the front and rear of the roof hatch. The unit displays the position of the dome in green LED's and the push buttons in orange. The unit closes automatically when the ignition of the vehicle is turned off, but can be still be operated and used for ventilation. The panel display has a current save function which reacts to usage.

Please see the next page for part number and details.





Glass Roof Hatch

The Glass Roof Hatch comes in two sizes, both available as either manual or electric operation.

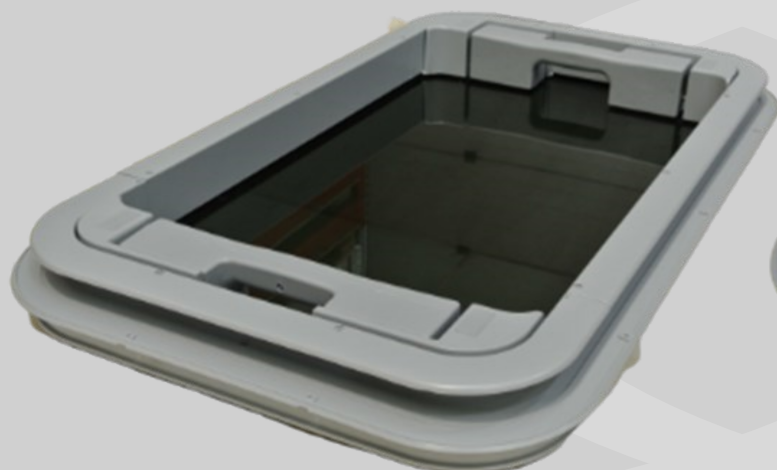
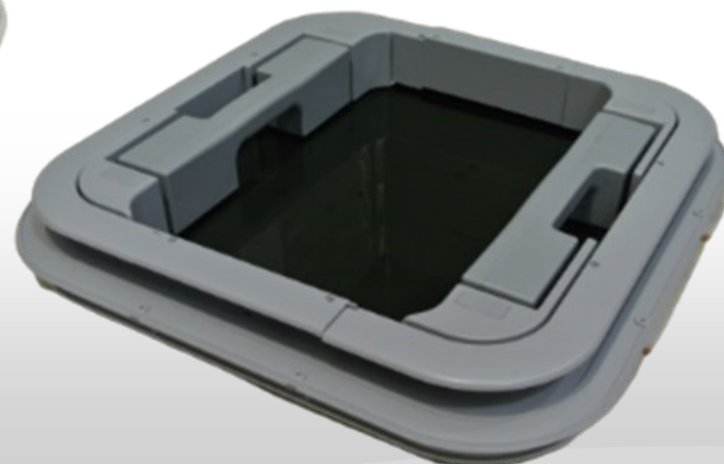
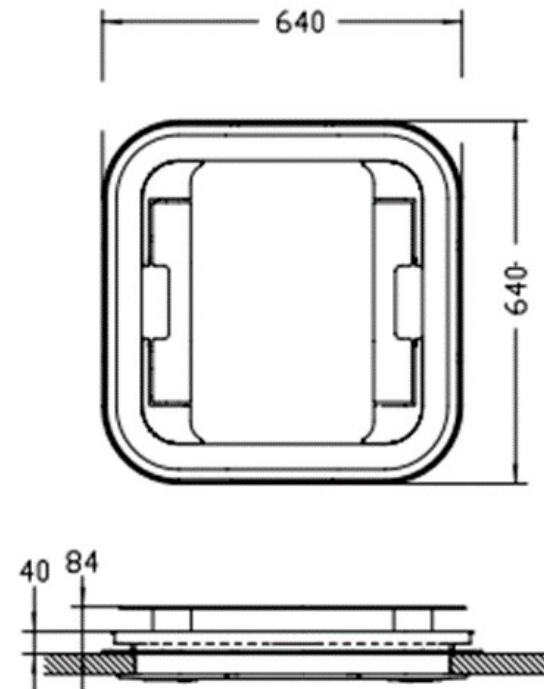
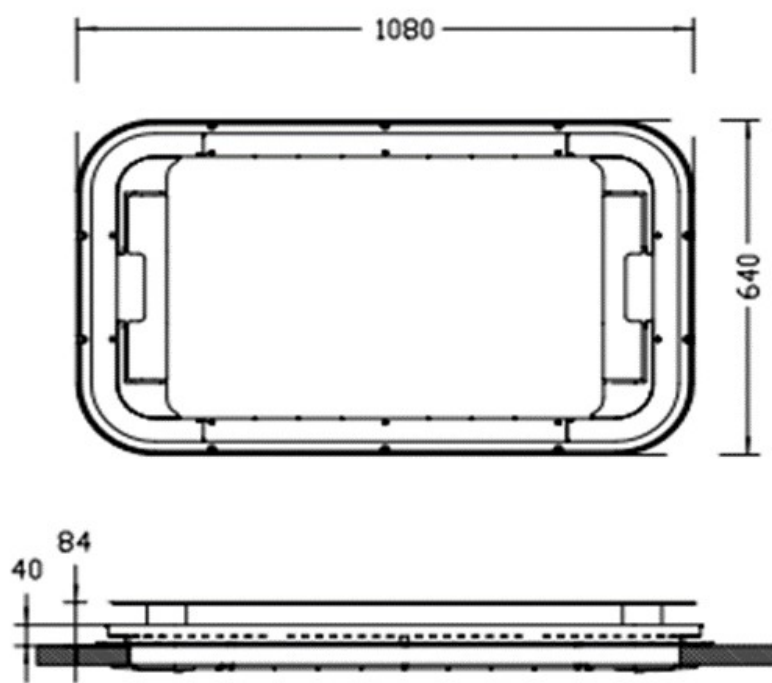
The glass dome is homologated to ECE 43R and the roof hatch to EC 2004/104. The roof hatch is supplied with high quality gaskets, dark tinted glass, a break-glass hammer and pre-drilled mounting holes in outside frame. The internal frame has been designed for easy mounting into outside frame.



Roof Top Ventilation

Part No.	Description	Voltage	Aperture Size	Radius	Glass Transmission		
		V	mm		UV	Heat	Light
90-5000	Manual Glass Roof Hatch	N/A	530 x 530	R80	6%	16%	17%
90-6000	Manual Glass Roof Hatch	N/A	970 x 530	R80	6%	16%	17%
90-5000-E	Electric Glass Roof Hatch	24V	530 x 530	R80	6%	16%	17%
90-6000-E	Electric Glass Roof Hatch	24V	970 x 530	R80	6%	16%	17%
30-6000	Electric Roof Hatch Control Unit (see previous page)	24V	96 x 49 x 28	N/A	N/A	N/A	N/A





Roof Top Ventilation