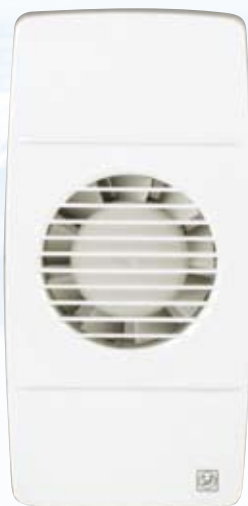


## AXIAL BATHROOM FANS

### EDM Series



EDM-80N



EDM-80L

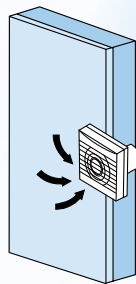


EDM-100

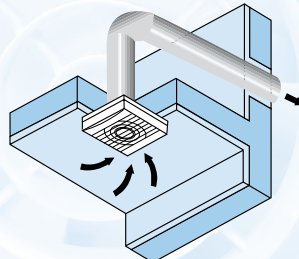


EDM-200

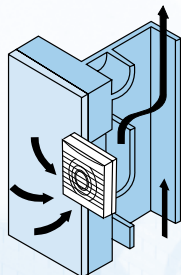
#### Installation examples



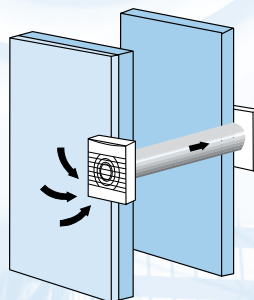
Ceiling or wall mounting  
extract ventilation



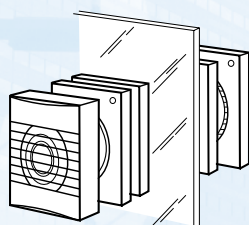
Extract ventilation through short duc



Extract ventilation through wall or  
using a shunt duct system



Extract ventilation through double walls  
with EDM-80M and EDM-100 accessory



All V models incorporate all accessories  
to mount within the glass

**For installations in the walls it is recommended to choose always Z models fitted with ball bearings greased for life ensuring a long life in perfect conditions**

Range of axial extractors with airflow performances range from 80 up to 200 m<sup>3</sup>/h, for connection to 100 mm (EDM-800 and EDM-100) and 120 mm (EDM-200) diameter circular ducting.

All the fans are manufactured from injection moulded plastic, fitted single phase 230V-50Hz, class B motor equipped with overload thermal protection. The "Z" versions incorporate long life motors fitted with ball bearings. All the fans are class II insulation, IP44 rated and suitable to operate with air temperature up to 40°C.

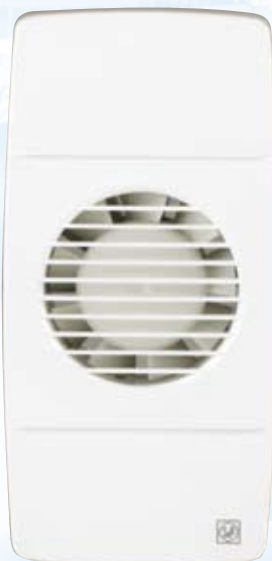
- S** Basic model
- C** Models fitted with back draft shutter.
- Z** Models including ball bearings greased for life.
- T** Model fitted with a fixed period (8 min.) Run-On-Timer keeping the fan in operation for the preset period of time after the fan has been switched off.
- R** Model fitted with an adjustable Run-On-Timer keeping the fan in operation for the preset period of time after the fan has been switched off.
- H** Model fitted with an adjustable humidistat.
- E** Model provided with photoelectric cell enabling the automatic operation of the fan by light detection.
- M** Model provided with an ON/OFF pull cord switch.
- V** Model supplied with spacer to facilitate mounting the fan in all type of glass.
- Blister**  
Model delivered with blister packaging.
- L** Model designed to substitute the ventilation rectangular grille.

# BATHROOM EXTRACT FANS

## EDM-80 Series



EDM-80 N



EDM-80 L

Range of axial extractors with airflow rates of approx. 80 m<sup>3</sup>/h, for connection to 100 mm diameter circular ducting. All the fans are manufactured from injection moulded plastic, fitted single phase 230V-50Hz, class B motor equipped with overload thermal protection. The "Z" versions incorporate long life motors fitted with ball bearings. All the fans are class II insulation, IP44 rated and suitable to operate with air temperature up to 40°C.

### Models features

	N	NZ	NT	NTZ	L	LR
Discharge guide vane	•	•	•	•		
Fixed 8 min period Run-On-Timer			•	•		
Adjustable period Run-On-Timer						•
Ball bearings greased for life		•		•		

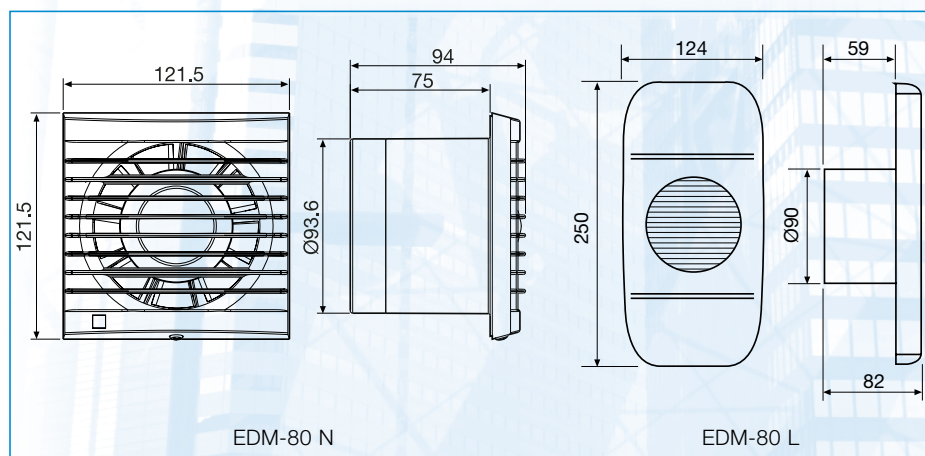
### Technical characteristics

Model	Speed (r.p.m.)	Max. abs. power at free discharge (W)	Voltage (V) 50 Hz	Maximum airflow (m <sup>3</sup> /h)	Sound pressure level * (dB(A))	Ø duct (mm)	Weight (kg)	IP
EDM-80 N	2350	9	230	80	33	100	0,4	IP44
EDM-80 L	2300	13	230	80	33	100	0,4	IP44

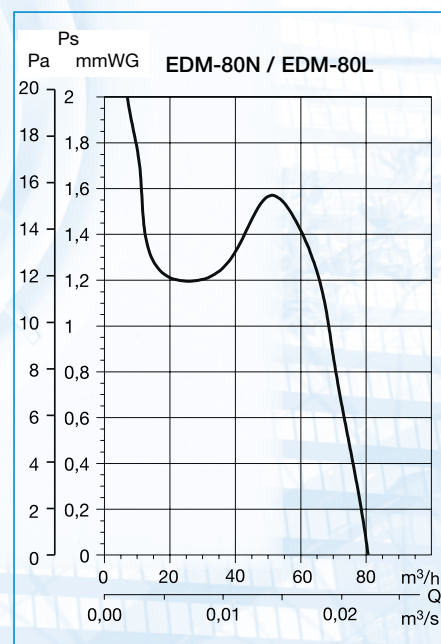
\* At 1,5 m distance.



### Dimensions (mm)



### Performance curve



### Accessories



**GSA 100**  
Flexible aluminium ducting

Wall kit with fixed or automatic shutter



**PER-100W**  
Back draft shutter



**GRA-70**  
Aluminium exterior grille



**CX-80/125**  
Worm drive ducting clip



**CAR-100**  
**CM-130**  
Back draft shutters



## BATHROOM EXTRACT FANS

### EDM-100 Series



EDM-100 C



EDM-100 CH

Range of axial extractors with airflow rates of approx. 100 m<sup>3</sup>/h, for connection to 100 mm diameter circular ducting.

All the fans are manufactured from injection moulded plastic, fitted with neon light indicator (1) and single phase 230V-50Hz, class B motor equipped with overload thermal protection.

The "Z" versions incorporate long life motors fitted with ball bearings. All the fans are class II insulation (2), IP44 rated (3) and suitable to operate with air temperature up to 40°C.

- (1) Except "S" Basic model
- (2) H versions: IP40
- (3) 12V Versions: IP57, class III insulation



EDM-100 VM



EDM-100 12V

#### Back draft shutter



To prevent air entry and limit heat leakage when the extractor is not operating. It opens due to the pressure of the air



#### SILENT 10 Window kit



## Models features

	S	SZ	T	TZ	R	RZ	HZ	C	CZ	CT	CTZ	CR	CRZ	ECZ	CHZ	VM	VMZ	12V S	12V C
Neon pilot light			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fixed period Run-On-Timer			•	•						•	•								
Adjustable period Run-On-Timer					•	•						•	•	•	•			*	*
Automatic shutter								•	•	•	•	•	•	•	•	•			•
Photoelectric cell														•					
Adjustable humidistat							•								•				
On/off pull cord switch							•								•	•	•		
Adaptation for glass																•	•		
External fixed shutter																•	•		
Extra low safety voltage																		•	•
Motor with ball bearings		•		•		•	•		•		•		•	•	•		•		

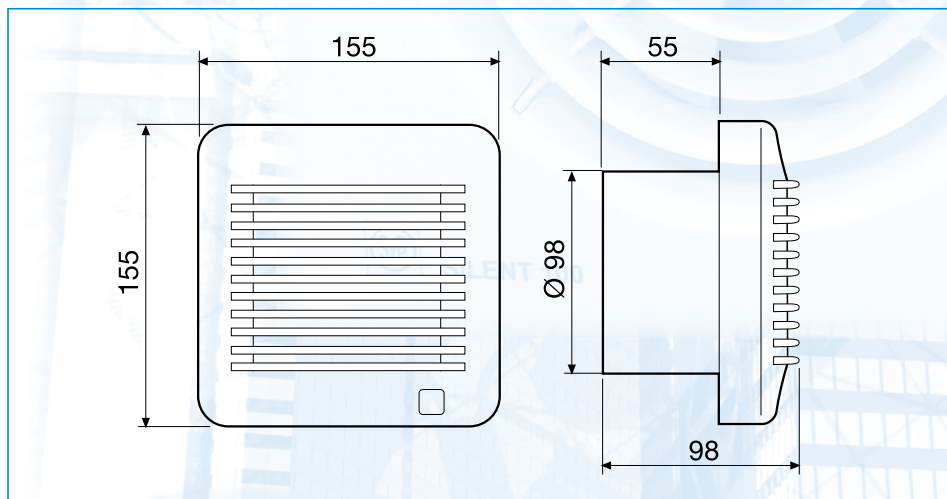
\* Adjustable Run-On-Timer between 1 and 30 using CT-12/14 T transformer.

## Technical characteristics

Model	Speed (r.p.m.)	Absorbed power at free discharge (W)	Voltage (V) 50 Hz	Airflow at free discharge (m <sup>3</sup> /h)	Sound pressure level at 1,5 m (dB(A))	Ø duct (mm)	Weight (kg)	IP
EDM-100	2450	13	230	95	40	100	0,48	□ IP44*
EDM-100S 12V	2100	7	12	85	37	100	0,48	◇ IP57
EDM-100C 12V	2100	11	12	85	37	100	0,48	◇ IP57

\* H versions: IP40

## Dimensions (mm)



## Accessories



**GSA 100**  
Flexible aluminium ducting



**GRA-70**  
Aluminium exterior grille



**CX-80/125**  
Worm drive ducting clip



**Fixed shutter and telescopic duct** (200 to 420 m)

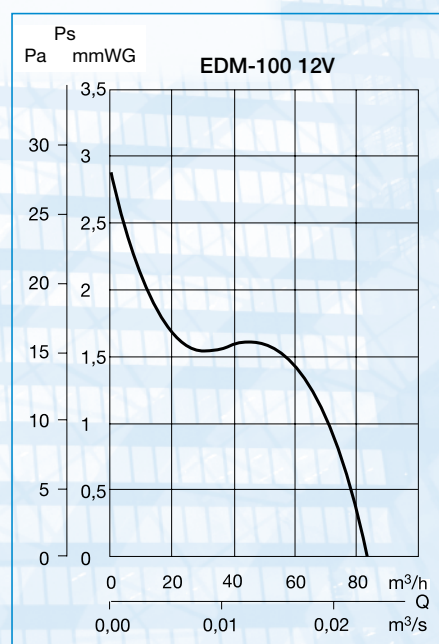
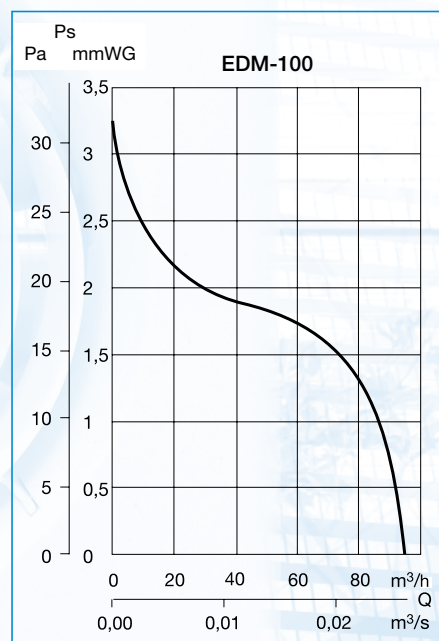


**PER-W**  
Back draft shutter



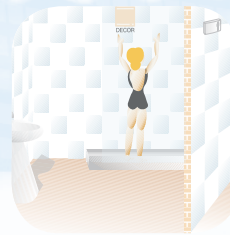
**CAR-100 CM-130**  
Back draft shutters

## Performance curve



## EDM-100 Models low voltage

EDM-100 12V



Model SELV (Safety Extra Low Voltage). Specially designed to operate within the shower or bath volume with total safety. They are rated 12V, Class III and IP57



EDM-100 12V must be wired to a safety isolating **transformer CT-12/14** which must be located out of the reach of the water spray or person using a bath or shower. The transformer is IP21, class II insulation and protected by fuse. Also available, **Transformer CT12/14 R**, supplied with adjustable run-on-timer between 1 to 30 minutes

### KITS EDM-100 12V + CT

Kit integrated by an extractor DECOR-100 C 12 V and a safety isolating transformer CT.

Versions:

- KIT EDM-100 S 12V + CT-12/14
- KIT EDM-100 S 12V + CT-12/14 R
- KIT EDM-100 C 12V + CT-12/14
- KIT EDM-100 C 12V + CT-12/14 R



SILENT 100



## BATHROOM EXTRACT FANS

# EDM-200 Series



Range of axial extractors with airflow rates of approx. 180 m<sup>3</sup>/h, for connection to 120 mm diameter circular ducting.

All the fans are manufactured from injection moulded plastic, fitted with neon light indicator and single phase 230V-50Hz, class B motor equipped with overload thermal protection. The "Z" versions incorporate long life motors fitted with ball bearings. All the fans are class II insulation, IP44 rated (1) and suitable to operate with air temperature up to 40°C.

(1) H versions: IP40

EDM-200

### Models features

	S	SZ	C	CZ	CR	CH	CHZ
Neon pilot light	•	•	•	•	•	•	•
Fixed period Run-On-Timer							
Adjustable period Run-On-Timer					•	•	•
Automatic shutter			•	•	•	•	•
Adjustable humidistat						•	•
On/off pull cord switch						•	•
Motor with ball bearings		•		•			•

### Technical characteristics

Model	Speed (r.p.m.)	Absorbed power at free discharge (W)	Voltage (V) 50 Hz	Airflow at free discharge (m <sup>3</sup> /h)	Sound pressure level * (dB(A))	Ø duct (mm)	Weight (kg)	IP
EDM-200	2500	25	220-240	180	42	120	0,9	□ IP44

\* At 1,5 m distance.

### Accessories



**GSA-125**  
Flexible aluminium ducting



**PER-125W**  
Back draft shutter



**CX-125/215**  
Worm drive ducting clip

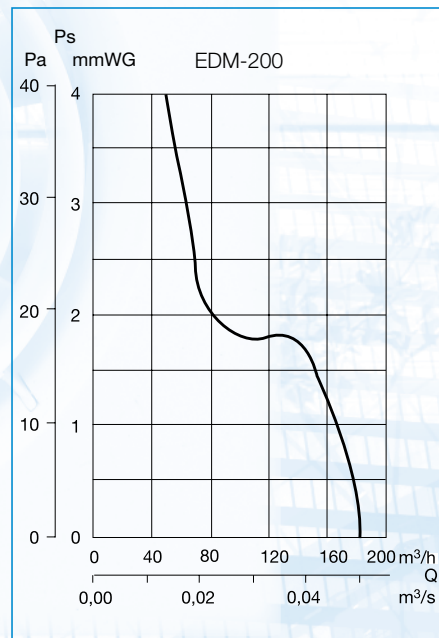


**GRA-100**  
Aluminium exterior grille

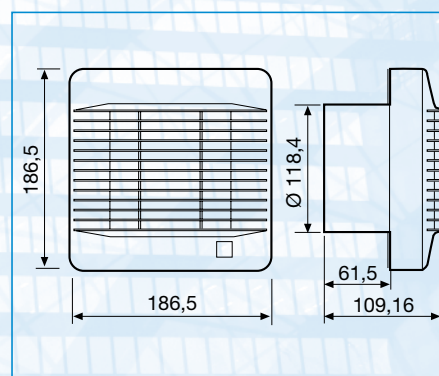


**CAR-100**  
**CM-130**  
Back draft shutter

### Performance curve



### Dimensions (mm)



Bathroom and toilet extract fans