













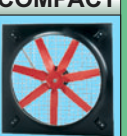

In-Line Fans

1 - 27

TD  2 - 7	VENT  8 - 11	IBF  12 - 16	CVAB/CVAT  17 - 18	DH  19 - 20	RH  21 - 22
Accessories					
 RCS 23	 DF 24	 DFK... +EU 25	 ACOP PL 26	 CAR 27	



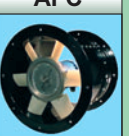











Axial-flow Fans Wall Versions

29 - 42

HXM  30	COMPACT  31 - 39	AFW  40 - 42
---	--	--

Axial-flow Fans Cased Versions

43 - 69

COMPACT  44 - 51	TCB □x2  52 - 53	AFC  54 - 57	AFC-VB  58 - 59	AFC-HT  60	AFD  61 - 62	AFH  63 - 64	AFS  65 - 66
AFK  67	Accessories						
	 Louvre shutters	 Flexible connectors	 Sleeve	 Mounting base	 Protection net		

Roof Fans

71 - 86

RF  72 - 74	RFV  75 - 76	RBH  77 - 78	CTH..., CTV...  79 - 85	Accessories  86
---	--	--	---	---

Fans "ATEX"

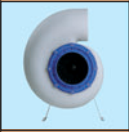
87 - 94

EGM  88 - 91	COMPACT EXE  92	HDT, HDB  93 - 94
--	---	---

Centrifugal Fans VISP/VASP

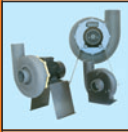
95 - 104

VISP



96 - 99

VASP



100 - 103

Accessories



104

Centrifugal Fans

105 - 190

SEM



106

DEM



107

CBM



108 - 110

CBP



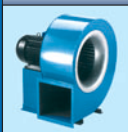
111 - 114

GSF-AP HT



115 - 116

GSF



117 - 119

GRF



120 - 121

GSFG



122 - 125

MPB



126 - 129

MPR



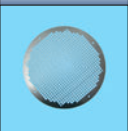
130 - 132

MPT



133 - 137

Accessories



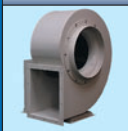
138 - 139

GMT



140 - 143

GSB/MSB



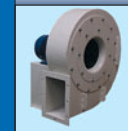
144 - 149

MSB-VB



150 - 152

HSB



153 - 155

GST



156 - 158

QP



159 - 161

Q



162 - 165

Q-2



166 - 167

DPB



168 - 169

FCM



170

RL



170

PB



171

PH



171

BL



172

BFN



172

HPBx



173 - 175

HPB, HPT, HPR



176 - 188

Accessories



189 - 190

Side Channel Blowers

191 - 212

SC



192 - 200

SC VB



201 - 204

DSC/PSC



205 - 210

Accessories



211 - 212

Chip Extractors

213 - 215

WNF



214 - 215

Domestic Fans

217 - 227

SILENT



218 - 219

DECOR



220 - 221

EDM



222 - 223

EBB, EB



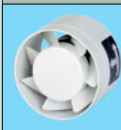
224

EBB, EB N



225

TDM



226

HTB



227

Accessories

229 - 232

RMB



230

REB-1 NE



230

REGUL-2



230

HIG-2



231

SQA



231

CT 12/14



231

Commander SK



232

Electric Diagrams

233 - 237

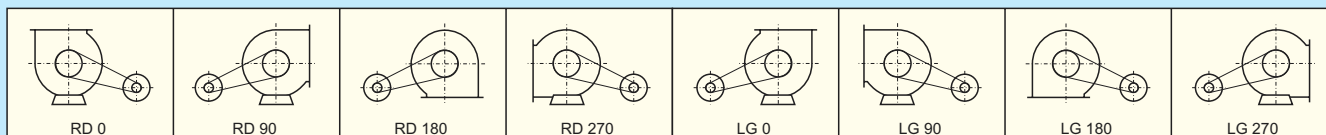
General Information

239 - 242

Index

243 - 244

All fans in this catalogue can be specified with orientations as shown below. However some fans can only be delivered as shown in the pictures in the catalogue. The symbols show the fan from the drive side or the motor side.



Performance curves are valid with a tolerance of $\pm 10\%$ for the pressure and $\pm 10\%$ for the airflow, air density $1,223\text{kg/m}^3$, at an ambient temperature of 20°C and at 1013mbar atmospheric pressure. We reserve the right to make changes of constructions and performance curves without prior notice. We do not take any responsibility for misprints.



SILENT	218
DECOR	220
EDM	222
EB-100, EBB-175,	
EBB-250	224
EBB-170 N	
EBB-250 N	225
TDM	226
HTB	227

In-Line Fans

Axial-flow Fans Wall Versions

Axial-flow Fans Cased Versions

Roof Fans

Fans "ATEX"

Centrifugal Fans VISP/VASP

Centrifugal Fans

Side Channel Blowers

Chip Extractors

Domestic Fans

Accessories

Electric Diagrams

General Information

Index

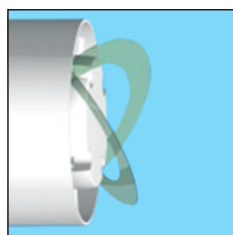


In-line axial extraction fans for ventilation in bathrooms, wash-rooms, garages, storages, etc. The SILENT series fans are designed to extract the maximum airflow with the lowest possible level of noise and vibrations. The SILENT is suitable for wall or ceiling mounting and can either discharge directly to the outside or via an individual ducting system. The extractor is designed for single phase supply, with 230V and 50Hz. The units (except SILENT 100 12V) are manufactured with double electrical insulation (Class II) and have enclosure IP45.



The silent block

Silent-blocks using highly resistant components which can absorb the vibrations generated by the motor.



Anti-return gate

All versions of the SILENT extractor incorporate motors with ball bearings to ensure a long life with maximum functionality as well as anti-return gate to prevent air coming in from the outside when the fan is idle.

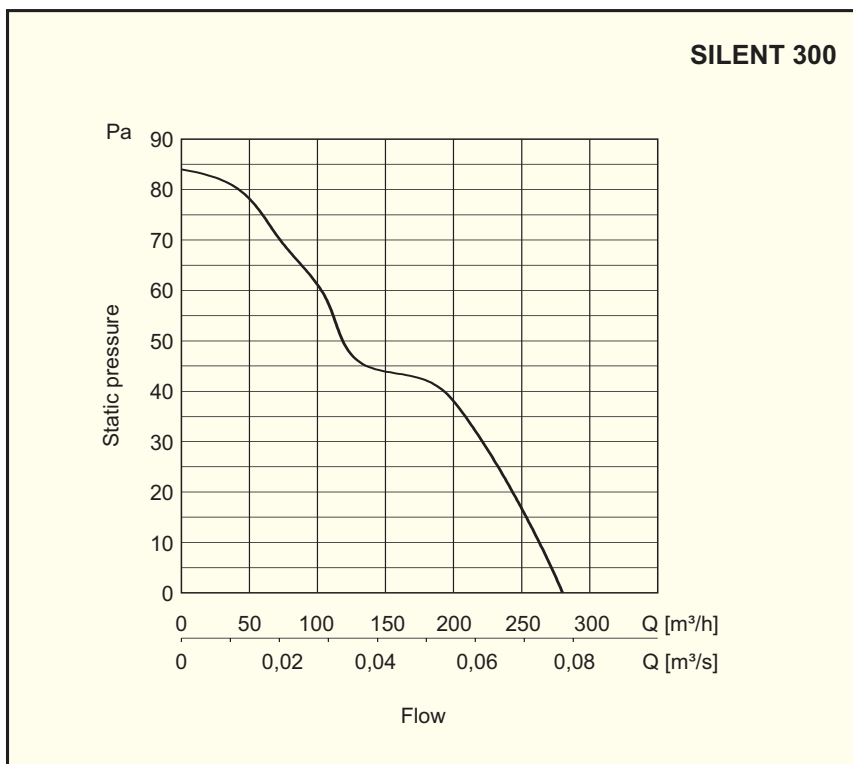
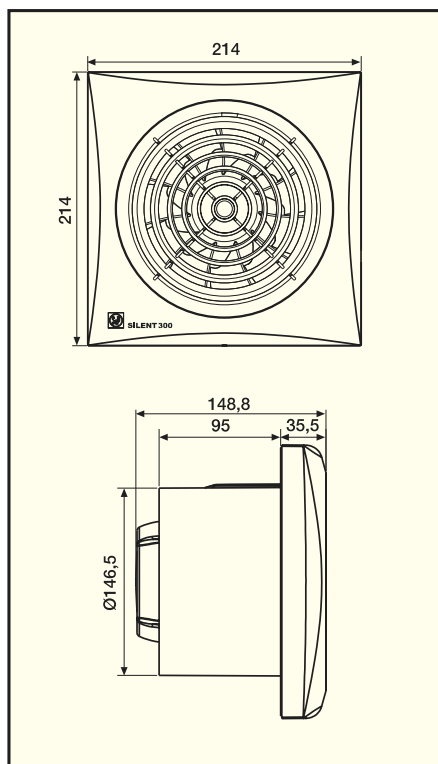
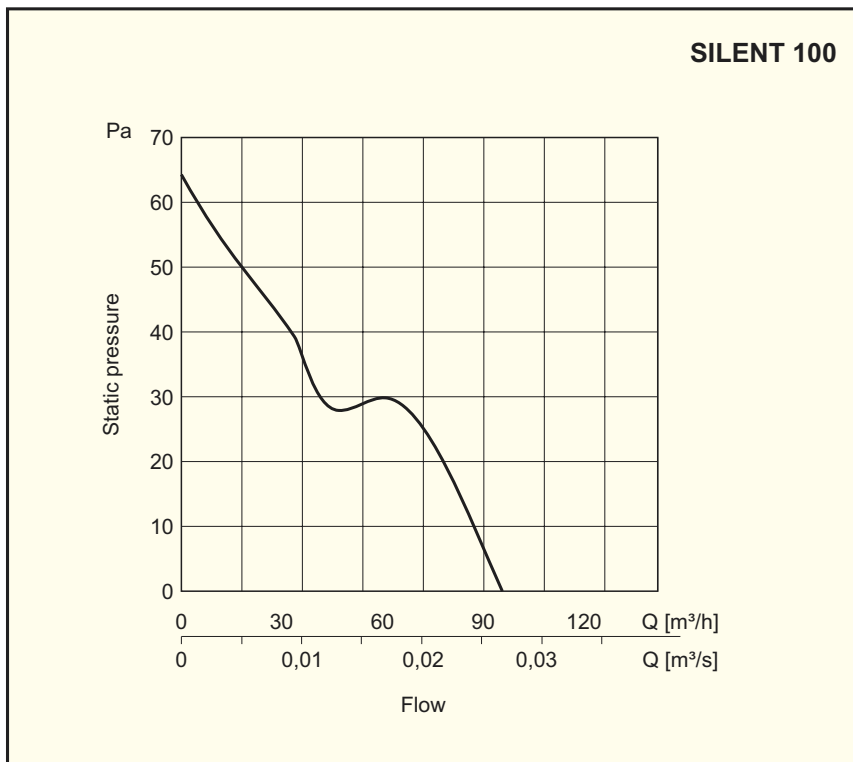
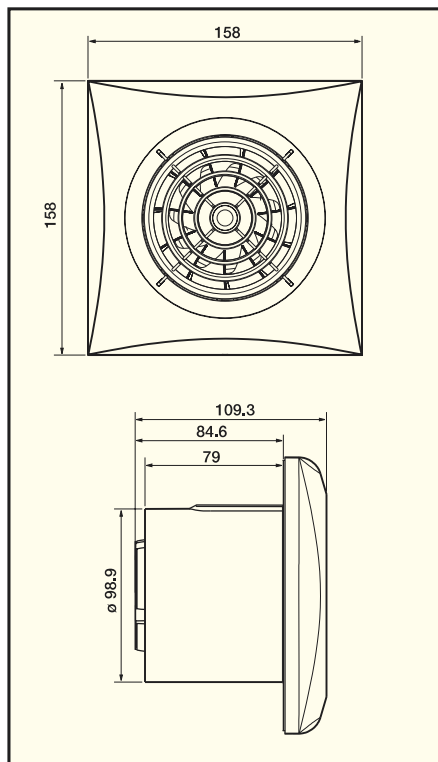
Data

Type	Speed	Motor power	Voltage	Sound pressure level	Flow	Enclosure	Weight
	rpm	W	V	dB(A)	m ³ /h	IP	kg
SILENT 100	2400	8	230	26,5	95	II / IP45	0,57
SILENT 100 12V	2400	8	12	26,5	95	/ IP57	0,57
SILENT 300	1700	17	230	30	280	II / IP45	1,25
SILENT 300 PLUS	2000	29	230	36	320	II / IP45	1,65

Features

	100					300				
	CZ	CRZ	CHZ	CDZ	CZ(12V)	CZ	CRZ	CHZ	CZ PLUS	CRZ PLUS
Pilot lamp	•	•	•	•	•	•	•	•	•	•
Anti-return gate	•	•	•	•	•	•	•	•	•	•
Adjustable timer		•	•	•			•	•		•
Adjustable humidistat			•					•		
Movement detector				•						
Ball bearings	•	•	•	•	•	•	•	•	•	•

Dimensions in mm





In-line fans designed for ventilation in bathrooms, wash-rooms, garages, stores, etc. Especially designed for installation in ducts 1-2 m max. connected to the fan.

- Low sound level
- Suite ventilation ducts $\varnothing 100\text{mm}$ (DECOR-100), $\varnothing 125\text{mm}$ (DECOR-200) and $\varnothing 150\text{mm}$ (DECOR-300)
- Can be installed both vertically and horizontally.

Fan with timer

When installed in bathrooms or shower-rooms it is best done to let the fan keep on running after it has been switched off, to ventilate the air from damp, bad smell etc. The timer is adjustable from 2-20 min.

Fan with automatic shutter

When installed in outer wall it is best done with an automatic shutter to prevent incoming cold air when the fan is switched off.

Fan with adjustable hygostat

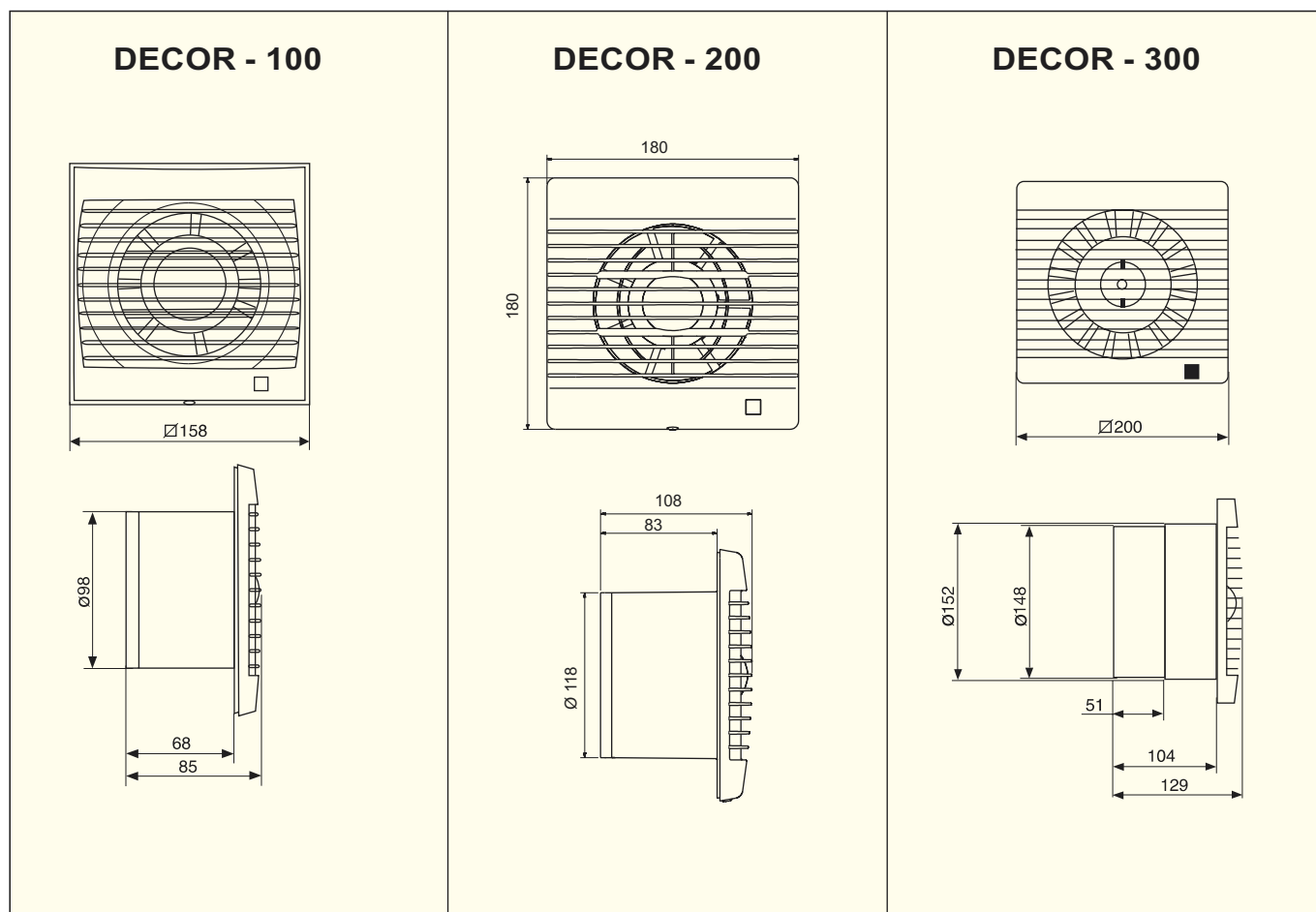
For installation where automatic start of the fan is required when the humidity level in the room is above the setting value.

Wiring diagram, see page 234.

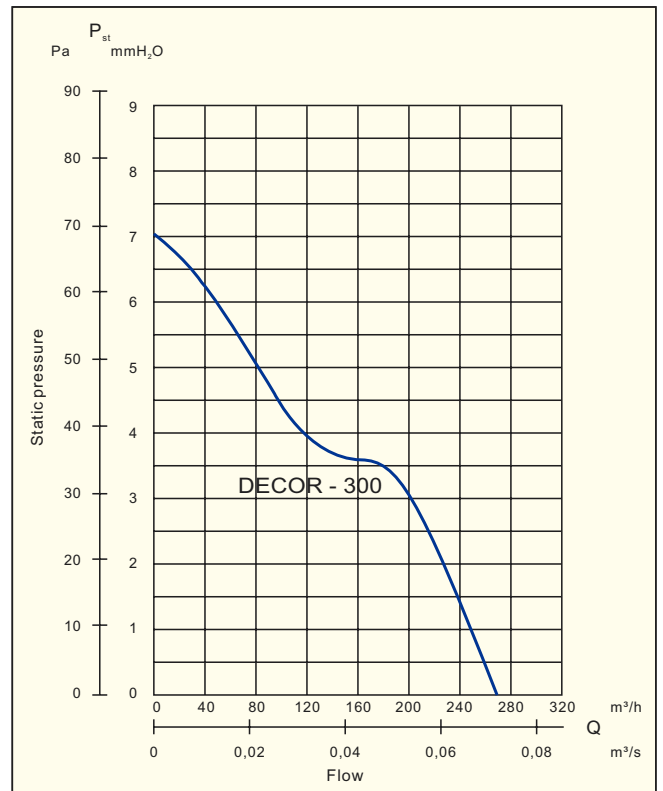
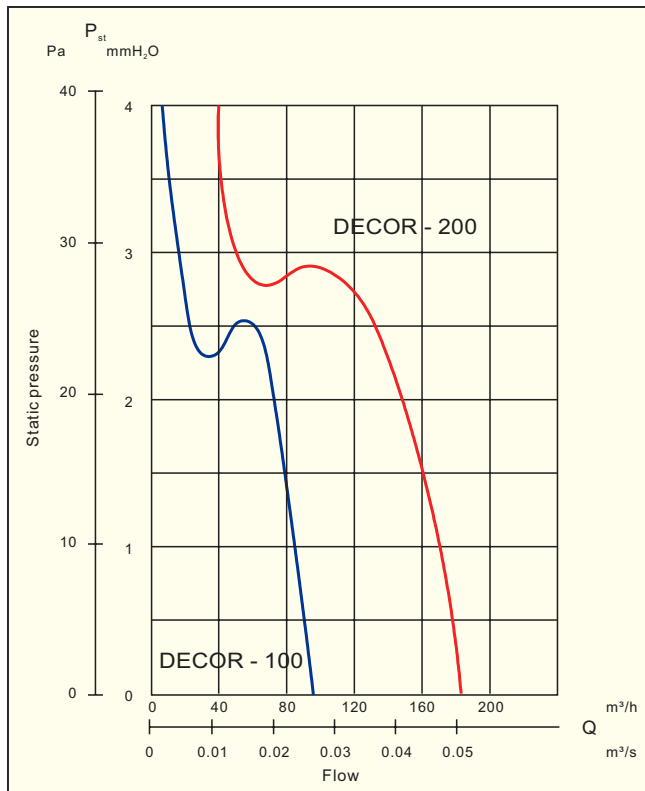
Data

Type	Speed rpm	Motor power W	Voltage V	Maximum duty m^3/h	Maximum pressure Pa	Sound pressure level dB (A)	Weight kg
DECOR 100	2500	13	230	95	40	40	0,44
DECOR 200	2500	20	230	185	40	46	0,80
DECOR 300	2200	35	230	280	70	47	1,44

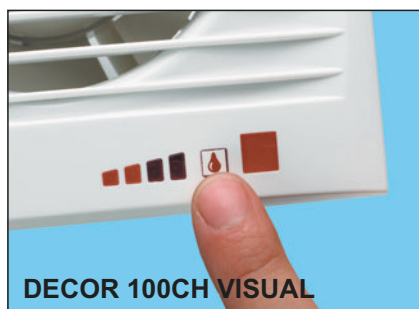
Dimensions in mm



Performance curves



Feature	DECOR-100				DECOR-200			DECOR-300					
	CZ	CRZ	CHZ	CDZ	CZ	CRZ	CHZ	SZ	RZ	HZ	CZ	CRZ	CHZ
Pilot lamp	•	•	•	•	•	•	•	•	•	•	•	•	•
Adjustable timer		•	•	•		•	•		•	•		•	•
Automatic shutter	•	•	•	•	•	•	•				•	•	•
Adjustable humidistat			•				•			•			•
Movement detector				•									



DECOR 100CZH VISUAL incorporates a timer that can be regulated between 1 and 30 minutes and a hygostat that can be regulated to 60, 70, 80 or 90% Relative Humidity, selected using a key situated on the exterior of the apparatus/in the exterior. 4 luminous indicators show the desired level of humidity.

The DECOR 100CRZ “Night” is especially suitable for those situations where night-time operation could be a nuisance: hospitals, residences, hotels and for the people who are light-sleepers.

When the key  is pressed, the apparatus functions in the following way:

- The apparatus will not start for the first 50 seconds, after connection.
- If the extractor is connected for more than 50 seconds, the extractor will start, stopping when the light is switched off.





EDM 100, 200



EDM 80 N

In-line fans designed for ventilation in bathrooms, wash-houses, garages, stores, etc. Especially designed for installation in ducts 1-2 m max. connected to the fan.

- Aesthetically attractive
- Low sound level
- Suite ventilation ducts Ø90mm (EDM-80), Ø100mm (EDM-100), Ø120mm (EDM-200).
- Can be installed both vertically and horizontally.

Fan with timer

When installed in bathrooms or shower-rooms it is best done to let the fan keep on running after it has been switched off, to ventilate the air from damp, bad smell, etc.

T - none adjustable timer (approx. 8min)

R - adjustable timer (approx 2-20min)

Fan with automatic shutter

When installed in outer wall it is best done with an automatic shutter to prevent incoming cold air when the fan is switched off.

Fan with adjustable hygrostat

For installation where automatic start of the fan is required when the humidity level in the room is above the setting value.

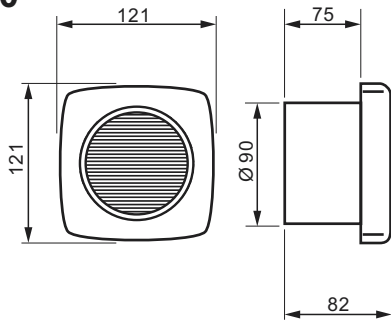
Wiring diagram, see page 234.

Data

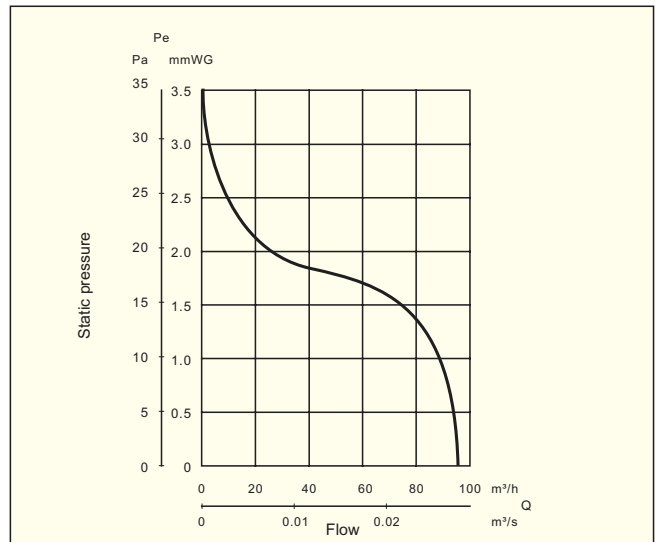
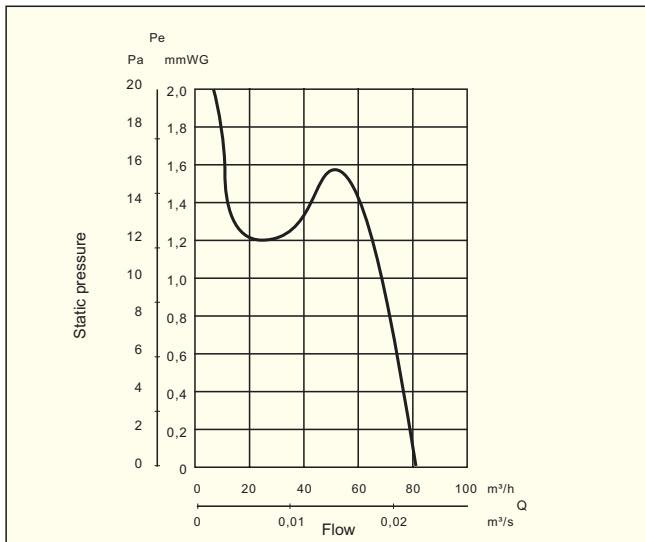
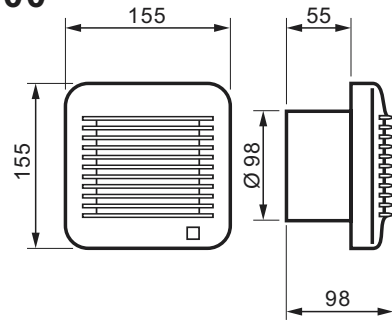
Type	Speed rpm	Motor power W	Voltage V	Maximum current A	Maximum duty m ³ /h	Pressure max Pa	Sound pressure level dB (A)	Weight kg
EDM-80	2350	9	230	0,07	80	24	33	0,4
EDM-100	2450	13	230	0,08	95	33	40	0,5
EDM-200	2500	25	230	0,15	180	50	46	0,9

Features	EDM-80		EDM-100									EDM-200					
	NZ	NTZ	SZ	TZ	HZ	CZ	CTZ	MZ	ECZ	CHZ	VMZ	SZ	TZ	HZ	CZ	CTZ	CHZ
Pilot lamp	•	•		•	•	•	•	•	•	•	•		•	•	•	•	•
Timer		•		•			•						•			•	
Adjustable timer									•								
Automatic shutter						•	•	•	•	•	•				•	•	•
Photoelectric cell									•								
Adjustable hygrostat					•					•				•			•
Pullcord switch					•			•		•	•			•			•
Adaption for glass											•						
Ball bearings	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

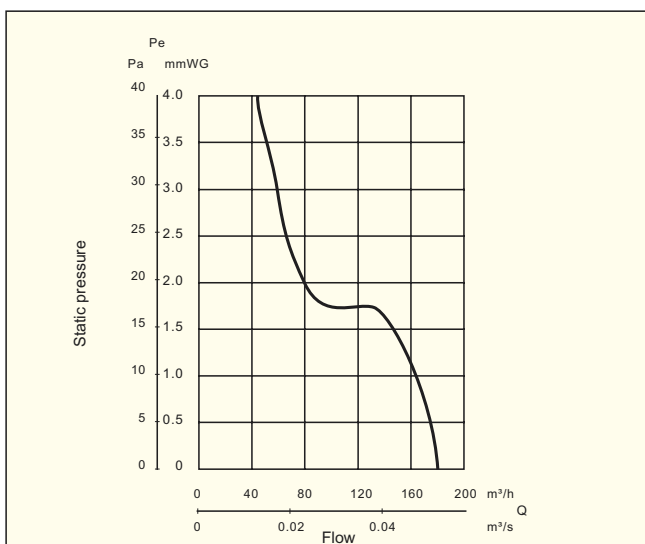
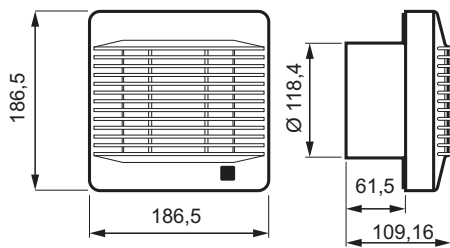
EDM 80



EDM 100



EDM 200

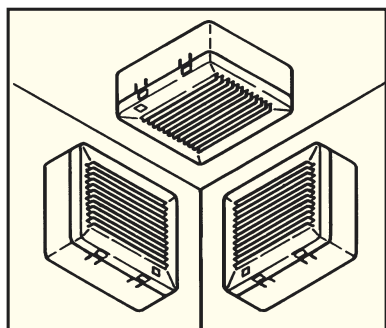




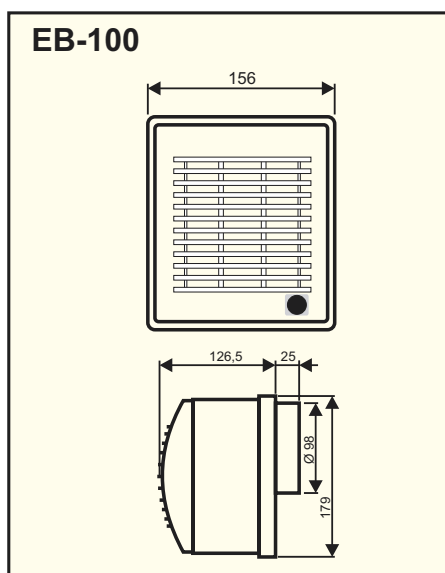
EBB-175, EBB-250



EB-100
Installation



Dimensions in mm



In-line fans with ball bearings, high pressure and large flow capacity, which make them especially suited for multi-store buildings and hard ventilation conditions.

EB-100T, EB-175T and EBB-250T have built-in electronic timer and adjustable hygrosat. The fan keeps on running (adjustable 2-20 minutes) after switching off.

EB-100HT has built-in electronic timer and adjustable hygrosat, to set automatic start when the humidity level.

- Ascetically attractive
- Low sound level
- Suite ventilation ducts Ø100mm
- Built-in an automatic shutter to prevent incoming cold air when the fan is switched off.
- Can be installed both vertically and horizontally

Wiring diagram, see page 234.

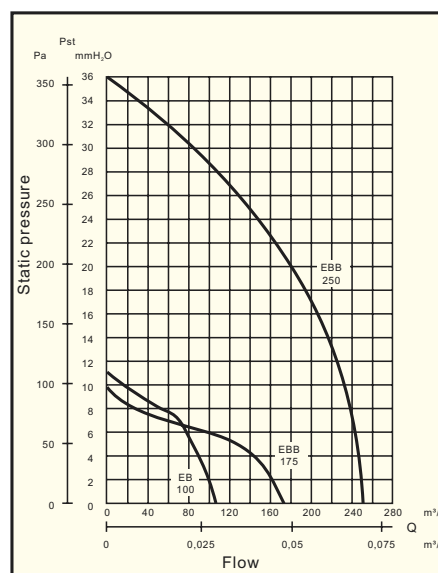
Technical specification

Type	EB-100	EBB-175	EBB-250
Speed (rpm)	2250	1300	1800
Motor power (W)	30	30	89
Voltage (V)	230	230	230
Maximum current (A)	0,24	0,24	0,75
Maximum flow (m ³ /h)	110	175	250
Pressure max. (Pa)	110	100	350
Sound level (dBA)	46	46	52
Weight (kg)	1,1	2,2	2,2

Accessories

Model	100S	100T	175S	175T	250S	250T
Pilot lamp	•	•	•	•	•	•
Timer		•		•		•

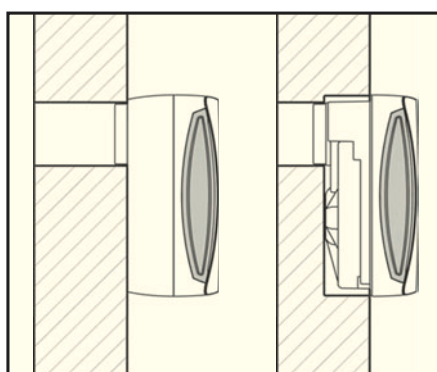
Performance curves





All EBB models incorporate powerful single inlet forward curved impellers which develop substantial pressure development suitable for ducted systems. All models are supplied as standard with a back draught shutter located in the fan exhaust. All models incorporate single-phase 230V, 50Hz, electric motors and fitted as standard, with a self-resetting Thermal Overload Protection device. The EBB extractor range is supplied with Class II grade electrical insulation, IP44. All models incorporate a red neon light indicating a "fan-on" status. In addition the EBB range includes a "safety power cut-off", mechanism that switches the power off from the fan when the front grille is removed. This enables safe cleaning of the fan impeller and front grille.

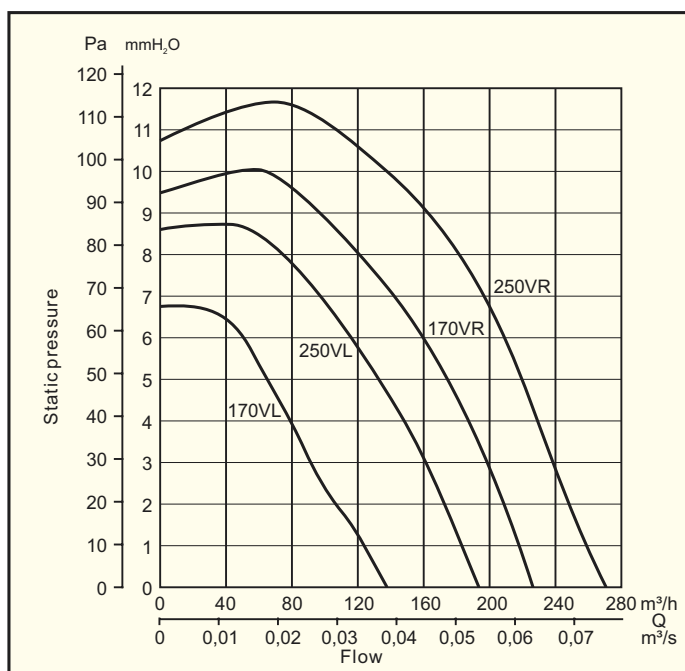
Installation



Data

Type	Speed rpm	Motor power W	Voltage V	Maximum duty m³/h	Sound pressure level dB(A)	Weight kg	Enclosure IP	Insulation
EBB-170N	1010	48	230-240	220	42,3	3	44	II
EBB-250N	1225	51	230-240	270	46	3	44	II

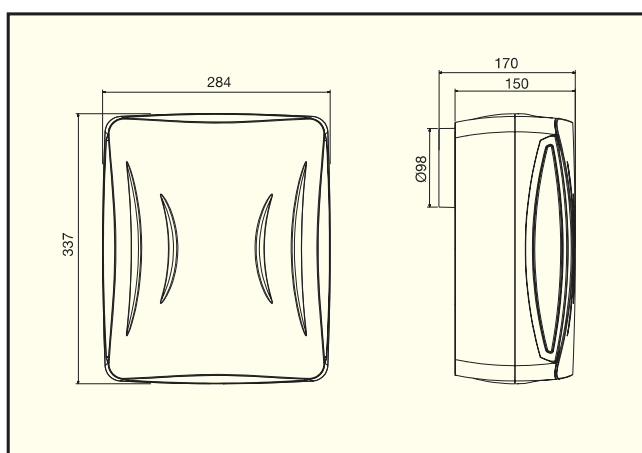
Performance curves

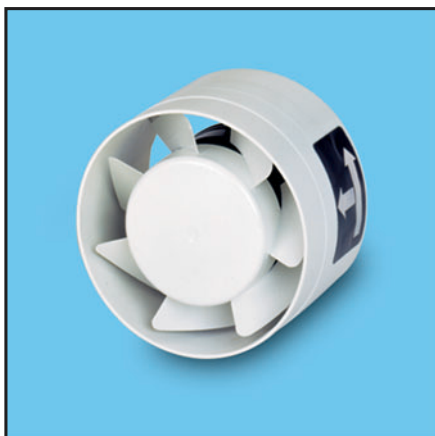


Features

Version	S	T	HT
2-speed	•	•	•
Timer		•	•
Humidistat			•

Dimensions in mm





In-line fan of plastic designed for direct installation in short ventilation ducts with $\text{Ø}100\text{mm}$ or $\text{Ø}125\text{mm}$.

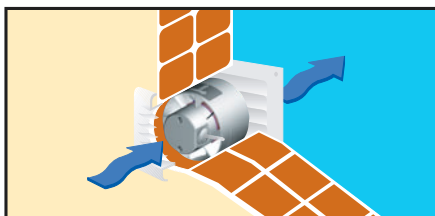
Low sound level

Easy installation

Can be installed both vertically and horizontally

Wiring diagram, see page 234.

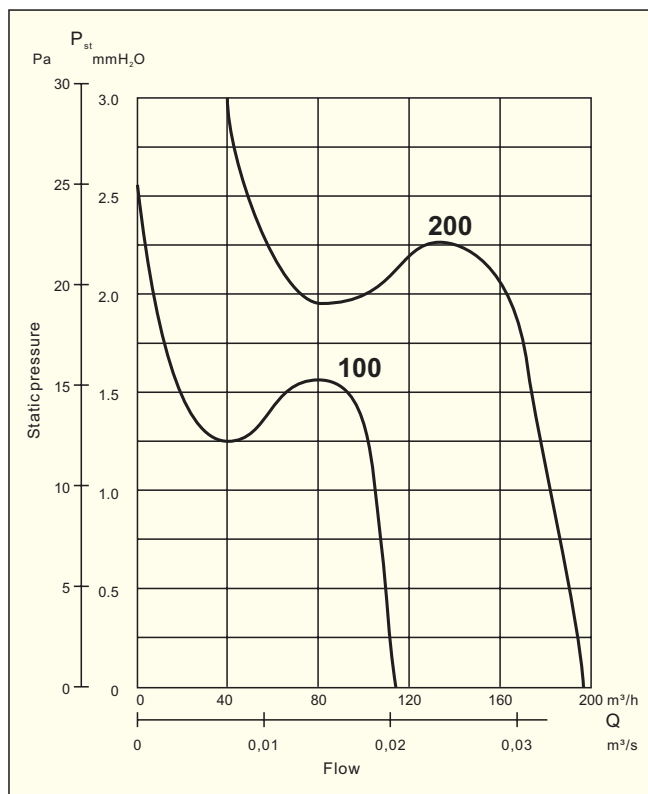
Installation



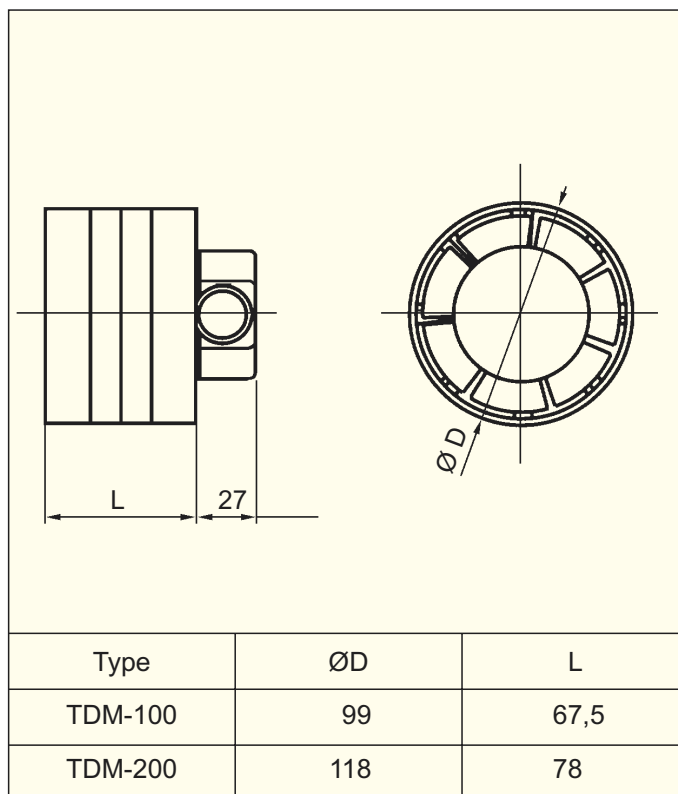
Data

Type	Speed rpm	Motor power W	Voltage V	Maximum flow m^3/h	Sound pressure level dB (A)	Weight kg	Article number
TDM-100	2500	13	230	110	40	0,4	112 202 055
TDM-200	2600	25	230	200	44,5	0,6	112 202 057

Performance curves



Dimensions in mm





Ceiling Fan HTB

Silent ceiling fan with single-phase motor 230V, 50Hz. Variable speed control with electronic regulator or transformer. Enclosure IP44. Insulation class B. Blades in sheet steel coated in white epoxy paint, casing in plastic. The fan can be used for equalization of temperature in high depots.

Accessories

Variable speed controls



Technical specification

Type	Speed rpm	Motor power W	Voltage V	Maximum duty m³/h	Sound level dB (A)	Weight kg	Article number
HTB-75S	290	55	230	6400	45	4,3	112 206 001
HTB-90S	240	60	230	8650	46	4,5	112 206 051
HTB-150S	180	70	230	12600	47	8,2	112 206 101

Dimensions in mm

Type	D	C	ØB	ØA
HTB- 75 N	210	395	175	800
HTB- 90 N	210	395	175	1000
HTB-150 N	210	410	195	1405

