

CALM / CALM MAX

EXHAUST AXIAL FAN

Features



- Specially designed mixed-flow impeller profile ensures high air capacity and low noise level.
- Casing and impeller made of quality durable UV-resistant plastic.
- Backdraft damper for back flow prevention.
- The high ingress protection rating of IP 45 makes the fan the ideal solution for the ventilation of bathrooms and shower rooms.
- Low energy demand from 7.5 W due to a new high-efficient motor.
- The motor is mounted on special anti-vibration dampers.
- The exhaust spigot incorporates a specially designed air rectifier to reduce the air turbulence, increase pressure and lower the noise level.
- Calm 150 is equipped with a double-speed motor and Calm Max 150 is equipped with a double-speed highpower motor.
- The new automation in the models Calm 150 and Calm Max 150 enables to set one of five fan operation modes. Changeover to another operation mode is easily performed by setting the DIP switch to the respective position.
- Available in different colours: white (by default), red (Calm DC Red), chrome (Calm DC Chrome), black (Calm DC Black).



Air capacity
up to 375 m³/h



Power
from 7,5 W



Sound pressure level
from 25 dB



Calm Red



Calm Chrome



Calm Black

Options



Model	CALM 100/125 / CALM (MAX) 150*					
Modification	S	T	ST	H	SH	IR
Pull-cord switch	•		•		•	
Turn-off delay timer		•	•	•	•	•
Humidity sensor				•	•	
Motion sensor						•

Turn-off delay timer

- Turn-off delay adjustable from 2 up to 30 min.
- Turn-on delay adjustable from 0 up to 2 min.*

Humidity sensor

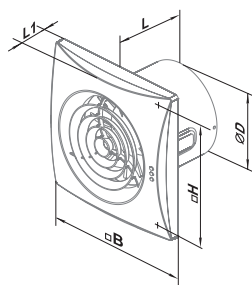
- Humidity setpoint adjustable from 60 % up to 90 %.
- Turn-off delay adjustable from 2 up to 30 min.
- Turn-on delay adjustable from 0 up to 2 min.*

Motion sensor

- Detection range from 1 up to 4 m.
- Detection angle up to 100°.
- Turn-off delay adjustable from 2 up to 30 min.
- Turn-on delay adjustable from 0 up to 2 min.*

* Turn-on delay timer available for models CALM 150 / CALM MAX 150

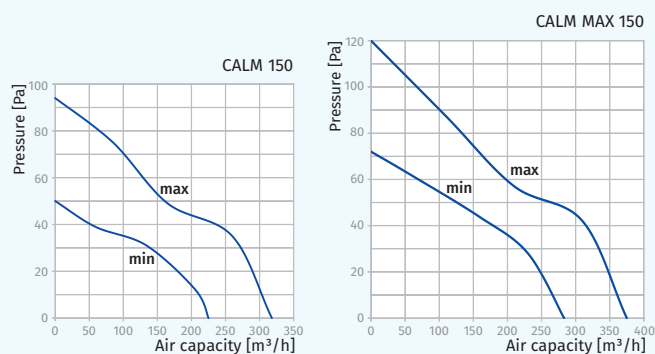
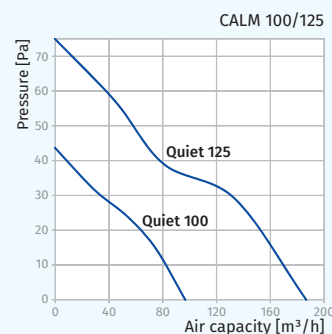
Overall dimensions



Dimensions, mm	Ø D	B	H	L	L1
Calm 100	99	158	136	81	26
Calm 125	123,5	182	158	91	27
Calm 150	147,5	214	190	111	32

Technical data

Model	CALM 100	CALM 125	CALM 150		CALM 150	
			min.	max.	min.	max.
Voltage [V]	230	230	230	230	230	230
Power [W]	7,5	17	17	19	19	22
Current [A]	0,049	0,11	0,08	0,09	0,09	0,1
Air capacity [m ³ /h]	97	187	225	318	283	375
Sound pressure level [dB(A)]	25	32	28	33	32	38



Designation key

CALM	MAX	150	ST
Model	High-powered motor.	Ø pipe	Modification

CALM DC

EXHAUST AXIAL FAN WITH DC MOTOR

Features



- The casing and the impeller are made of high-quality and durable UV-resistant plastic.
- The specially designed aerodynamic profile of the mixed-flow impeller provides high air capacity and pressure combined with low-noise operation.
- A shortened spigot for mounting into a ventilation shaft or direct connection to Ø 100 mm air duct.
- The fan is equipped with a specially designed backdraft damper to prevent back flow and heat losses during the fan standby.
- The fan exhaust spigot incorporates specially designed air rectifiers to reduce air turbulence, noise level and boost air pressure.
- High ingress protection rating makes the fan the ideal solution for ventilation of a bathroom.
- The electronic components are protected with tight covers.
- Two-speed operation modes with max. air capacity 100 m³/h.



Air capacity
up to 100 m³/h



Power
from 1,7 W



Sound pressure level
from 22 dB



Calm DC
Red



Calm DC
Chrome



Calm DC
Black



Options



Model	CALM DC				
	T	ST	H	SH	IR
Pull-cord switch		•		•	
Turn-off delay timer	•	•	•	•	•
Humidity sensor			•	•	
Motion sensor					•

- **Turn-off delay timer**
 - Turn-off delay adjustable from 2 up to 30 min.
- **Humidity sensor**
 - Humidity setpoint adjustable from 60 % up to 90 %.
- **Motion sensor**
 - Detection range from 1 up to 4 m.
 - Detection angle up to 100°.

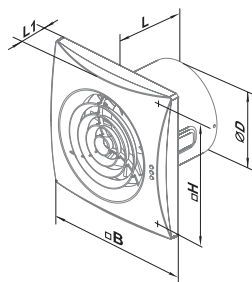
Motor

- Low energy demand up to 3,6 W due to a new high-efficient DC motor.
- Maintenance-free bearings contain enough grease for 40 000 hrs non-stop operation.
- Motor equipped with electric overheating protection.

Mounting features

- Direct installation into a ventilation shaft.
- Flexible air ducts may be used in case of remote location of the ventilation shaft. The air duct is connected to the exhaust spigot with a fixing clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.

Overall dimensions



Dimensions, mm	Ø D	B	H	L	L1
Calm DC 100	99	158	136	81	26

Operation modes

Operation mode selection and setup for Calm DC models with modifications T, ST, H, SH, IR is performed by setting the DIP switch to the respective position.

MODE 1 (SINGLE-SPEED MODE)

- The fan is turned off by default. The fan starts operating at the low speed when the switch is closed or one of the sensors is activated.

MODE 2 (SINGLE-SPEED MODE)

- The fan is turned off by default. The fan starts operating at the high speed when the switch is closed or one of the sensors is activated.

MODE 3 (TWO-SPEED MODE)

- The fan operates at the low speed by default. The fan switches to the high speed when the switch is closed or the sensors are activated.

MODE 4 (TWO-SPEED MODE)

- The fan is turned off by default. The fan starts operating at the low speed when the switch is closed and switches to the high speed when the humidity or motion sensor is activated.

Technical data

Model	CALM DC 100	
	min.	max.
Voltage [V/Hz]	230 / 50/60	
Power [W]	1,7	3,6
Current [A]	0,063	0,137
RPM [min ⁻¹]	1800	2150
Air capacity [m ³ /h]	70	100
Sound pressure level [dB(A)]	22	26,5

