

Silhouette 100

Mains Bathroom Fans



Slimline Bathroom Ventilation

The Silhouette range is designed for modern living. With a slim profile of only 12mm, Silhouette blends in with the wall surface to provide an unobtrusive installation. Silhouette has a FID performance of 95m³/h, and is double insulated, with a power consumption only 13 watts. Careful design means a 'white sound' spectrum understates the dB(A) sound levels providing optimised sound to performance output.

Mounted in the centre of the fan, beneath the ultra slim profile grille, are the electronics, incorporating a choice of integral control, a PIR movement sensor to activate the product when a person enters a bathroom or WC, a humidistat for detecting a change in internal humidity or an overrun timer option that is adjustable between 5 and 30 mins. Silhouette can be ceiling/panel mounted and connected to an appropriate duct run to the outside.



12mm actual profile



Backdraught prevention vanes fitted on discharge

FAQ's Answered

Integral humidity, timer and PIR controls.

240V versions only.

Suitable for wall and panel mounting only.

Can be installed at any angle.

If ceiling mounted, 3m maximum of rigid ducting should be used with a condensation trap.

For Wiring Diagrams see pages 220.

Features and Benefits

- > 12mm stylish ultra low profile grille.
- > Downstream airflow guide vanes for improved pressure development.
- > Ball bearing motors for vertical or horizontal application.
- > Wall kit design ensures installed performance to meet Building Regulation Document F requirements.
- > DEMKO Approved.

Models

Silhouette 100 - Single speed 100mm, bathroom/toilet fan with neon running light and backdraught shutter.
Stock Ref. No. 45 40 55

New Silhouette 100P - Single speed 100mm, bathroom/toilet fan with neon running light, pullcord and backdraught shutter.
Stock Ref. No. 42 84 95

Silhouette 100T - Single speed 100mm bathroom/toilet fan with integral adjustable electronic overrun timer (up to 30 mins), neon running light and backdraught shutter.
Stock Ref. No. 45 40 56

Silhouette 100H - Single speed 100mm bathroom/toilet fan with integral adjustable auto humidity sensor from 60-90% RH, adjustable electronic overrun timer (up to 20 mins) neon running light and backdraught shutter.
Stock Ref. No. 45 40 57

Silhouette 100TM - Single speed 100mm bathroom/toilet fan. Integral PIR operated model, (presence detector) with adjustable electronic overrun timer (up to 30 mins) neon running light and backdraught shutter.
Stock Ref. No. 45 40 58

100mm Wall Fitting Kits
Stock Ref. No. 254102 - White
Stock Ref. No. 254100 - Brown

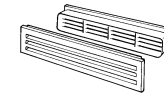
Typical Specification

Supply and install a Silhouette axial fan for installations in walls, panels or ceilings, with backdraught shutters and guide vanes as supplied by Vent-Axia Ltd, Fleming Way, Crawley, West Sussex, RH10 9YX Telephone: 01293 526062.

The fan performance should meet the Building Regulations (Document F) Requirements of 15 l/s for bathrooms or toilets (30 minute timer overrun model for internal WC's). The profile should be no more than 12mm thick.

The motor should be a ball bearing motor for installation at any angle and fitted with Standard Thermal Overload Protection (S.T.O.P.). The fan should be DEMKO Approved.

Accessories



Air replacement grille set
Ivory Stock Ref. No. 56 14 01
Brown Stock Ref. No. 56 14 00



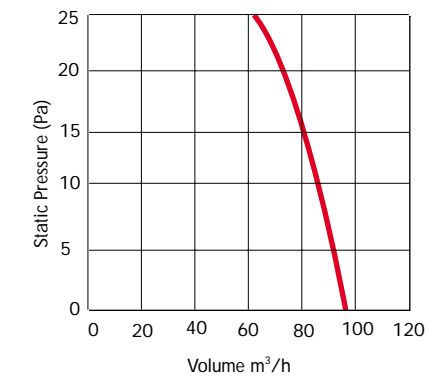
Quick fix 100mm Wall Grille
White Stock Ref. No. 56 35 21
Brown Stock Ref. No. 56 35 41



Quick fix 100mm Airflow Shutter
White Stock Ref. No. 56 35 22
Brown Stock Ref. No. 56 35 42

Performance

Silhouette 100

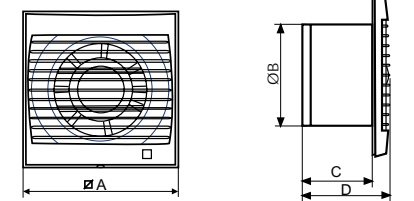


Dimensions (mm)

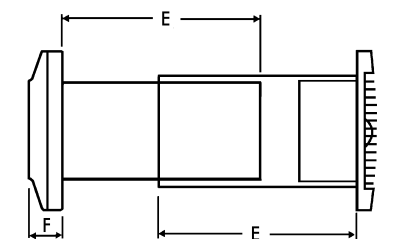
Silhouette	A	BØ	C	D	E	F
100mm	158	98	68	85	200	32

Weight 100mm 0.6kg

Silhouette 100



100mm Wall model



Fixing hole diameter 115mmØ (when wall kit used)



Type	Stock Ref. No.	Pullcord	Timer 30 mins	Humidistat 60-90%RH	PIR	m ³ /hFID	Performance		
							l/s	Watts	dB(A) @ 3m
For bathrooms and toilets									
Silhouette 100	45 40 55					95	26	13	40
Silhouette 100P	42 84 95	Yes				95	26	13	40
Silhouette 100T	45 40 56		Yes			95	26	13	40
Silhouette 100H	45 40 57		Yes	Yes		95	26	13	40
Silhouette 100TM	45 40 58		Yes		Yes	95	26	13	40