

Sensortronic Digital 400: Low Wattage




Using the latest technology DC motors and consuming only 8watts, the **Sensortronic Digital 400 LW** 100mm (4") bathroom and toilet fans comprises quiet, efficient, axial flow fans for wall, ceiling or window mounting. Designed for easy installation, attractively styled in high gloss ABS thermoplastics for modern appearance and ease of cleaning and incorporating the latest technology and design.

The **D400LW** series is ideally suited for domestic applications including bathrooms, toilets and shower areas. They feature an integral pull switch or timer and Ferrob's unique electronic continuously-calibrated humidity sensor which ensures that the sensor will always give an accurate reading of the surrounding humidity.

The units are controlled using micro-processor technology and also has the Night-time Set-back feature to eliminate unnecessary running at night.

The fans have a digital display on the front panel which continuously informs the resident of what the fan is doing.

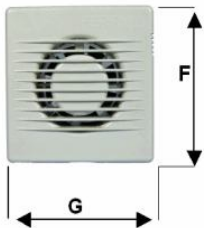
- ✿ Power consumption of 8watts max
- ✿ Extract rate 90m³/hr, 27 litres per second
- ✿ Fans can be wall, ceiling or window mounted
- ✿ British made
- ✿ Electronic continuously-calibrated humidity sensor
- ✿ Designed to exceed the 2006 Building Regulations on Ventilation (F1)
- ✿ Tested to comply with HD280/BS3456 Part 102:342 1988
- ✿ 5 year no quibble guarantee
- ✿ 

Technical Data

Low Wattage 12v DC models

Catalogue No.	Type
D 400 LW HT	Humidity control - The fan will run when humidity rises over the pre-set level of 65% RH. Complete with integral timer (15 mins).
D 400 LW HS	Humidity control - The fan will run when humidity rises over the pre-set level of 65% RH. Complete with integral pull switch

Construction	These fans are moulded in impact resistant high gloss recycled ABS thermoplastics for strength, durability, finish and sustainability.
Electrical	<ul style="list-style-type: none"> ✿ 220-230v ~ A.C. 50Hz Single phase consuming 8 watts. These fans are double insulated and do not require an earth. All wiring must comply with current IEE regulations. A double pole isolating switch, having a contact separation of at least 3mm in all poles, must be used with a 3 amp fuse fitted and mounted a minimum of 1.75 metres from the floor and less than 400mm from the ceiling. ✿ Do not install above a heat source, e.g. radiator.
Motor	Single phase dc motor with pre-oiled bearings fitted for a long maintenance free life and protected by a thermal fuse.
Guarantee	Two year no quibble guarantee.
Installation	<ul style="list-style-type: none"> ✿ The range is designed to be wall, window or ceiling mounted. Kits available on request. ✿ Wall kits comprise a wall sleeve (275mm long) and a gravity grille (white, terracotta, stone, grey or brown). ✿ Window kits comprise an external white gravity grille and internal fixing plate. ✿ Ceiling kits comprise 3m of 100mm flexible ducting and an external fixed grille (colours to suit). ✿ When installing through a wall a 117mm hole is required, 126mm through a window.
Performance	D 400 LW - extract rate of 90m ³ /hr, 27 litres per second
Additional Data	<ul style="list-style-type: none"> ✿ Maximum pressure: 50 p.a. Fan speed: 2400 r.p.m. ✿ Sound volume: 40.0 dB (A). Maximum operating temperature 40°C. ✿ Protection Rating: IPx4. Power Consumption: 8W max



Unit Dimensions & cut-outs	
F	166
G	166
H	100
J	42
K	42
Hole sizes:	
wall / ceiling	107mm
window	126mm

SPECIFICATION

Extract rate at full speed	Supply voltage	Max wattage	Low Voltage	Noise level	Warranty	Fan Speed	Colour	Electronic recalibrating sensor	Max pressure	Digital display	Speed options	Download facility
90m ³ /h 27ltrs/sec	220/230	8	Yes	40db	2 year RTB	2400	White	Yes	50 p.a.	Yes	No	No

NOTES:

* Specification dependent on model

