



Lo-Watt™ Range

80% energy saving

LW100/SELVLW100



- The NEW Lo-Watt fan is Designed for wall mounting only.
- Standard/timer/humidity versions available.
- Reduces power consumptions.
- Uses up to 80% less energy compared to a normal fan.
- Lower running costs.
- SELV Extra low voltage models also available.
- Quiet and efficient, the 100mm (4") series has an impressive extract rate of 75m³/hr, 21 litres per second.
- The units are all manufactured using high ABS thermoplastics for strength and durability, aesthetics and easy cleaning.
- Designed to comply with the Building Regulations on Ventilation (F1).
- SPF (Specific Fan Power) 0.29

Table 32: Minimum provisions for mechanical ventilation systems

	Standards for new and replacement systems	Supplementary information
1.0 Fan power	<p>a. Mechanical ventilation systems should be designed to minimise electric fan power. Specific fan power (SFP) should not be worse than:</p> <ul style="list-style-type: none"> i. 0.5 W/l/s for intermittent extract ventilation systems; ii. 0.7 W/l/s for continuous extract ventilation systems; iii. 0.5 W/l/s for continuous supply ventilation systems; iv. 1.5 W/l/s for continuous supply and extract with heat recovery ventilation systems. 	

Building Regulations - Domestic

The Building Regulations introduced in 2010 – Domestic dwellings, gives the recommended Watts Per Litre (W/l/s) for each type of fan, to be used in new buildings.

Our new range of Lo-Watt fans are specifically designed to meet the regulations

Technical Details

Cat. No. LW100S	Product type Lo Watt Standard Fan
LW100T	Lo Watt Timer Fan Incorporating a 1-20min over run
LW100H	Lo Watt Humidity Timer Fan Incorporating a 1-20min over run and adjustable humidistat 20-90% RH
Safety Extra Low Voltage (SELV) includes fan and transformer	
SELVLW100S	Lo Watt Standard Fan
SELVLW100T	Lo Watt Timer Fan Incorporating a 1-20min over run
SELVLW100H	Lo Watt Humidity Timer Fan Incorporating a 1-20min over run and adjustable humidistat 20-90% RH

Installation

LW100 Series designed for wall mounting only. Through 100mm (4") diameter flexible or rigid pipes.

Electrical

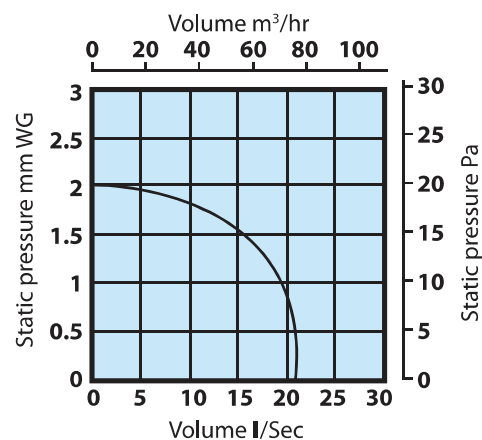
220-240 - AC. 50Hz Single phase Consuming 4.3watts. The LW100 is powered by a brushless motor. All wiring must comply with current IEE regulations. A double pole Isolating switch, having contact separation of at least 3mm in all poles, must be used with a 3amp fuse fitted. The fan must not be accessible to a person using either the shower or the bath (use SELV model) and mounted a minimum of 1.8metres from the floor.

Additional Data

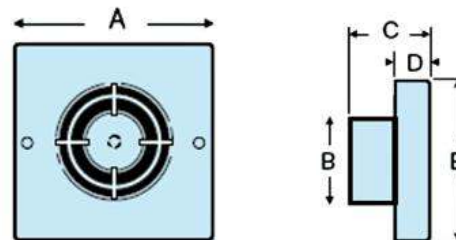
Maximum pressure: 20 p.a
Fan Speed: 3123 r.p.m
Sound volume: 38.0 dB(A)
Maximum operating temperature: 45°C

Performance Graph

LW100 75m³/hr at 21 litres per

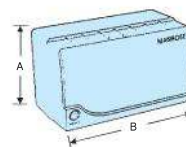


Dimensions LW100



Dimensions (mm)

Product	A	B	C	D	E
LW100	163	98	97	30	163
SELVLW	82	145	78		



Dimensions Transformer SELVLW 100

Fitted on standard 25mm deep double pattress

