

MANROSE DESIGNER SERIES LED HEAT/FAN/LIGHT KITS

STANDARD MODELS

Duct Size	Model	Performance	Order Code
150mm	LED HFL 2 White	86 l/s, 310m ³ /hr	FAN4463
150mm	LED HFL 2 Silver	86 l/s, 310m ³ /hr	FAN4464
150mm	LED HFL 4 White	86 l/s, 310m ³ /hr	FAN4465
150mm	LED HFL 4 Silver	86 l/s, 310m ³ /hr	FAN4466

ACCESSORIES

Description	Order Code
275W Heat Lamp	LHT0081
LED Replacement Lamp for Silver Units	LHT0211

- With high levels of extraction, these units have a stylish low profile design, making them easy to install into tight fitting roof cavities.
- The units incorporate long-life energy efficient LED centre lamps.
- Supported by a 5 year warranty.



Designer Series HFL 4



Designer Series HFL 2

NOTE: All fan flow rates quoted with 3 metres of duct, one bend and one external grille (normal installation).

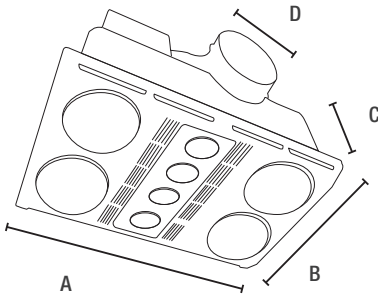
GENERAL INFORMATION

Model	Cut-Out Size	Exterior Grille	Duct Type	Duct Length
LED HFL 4 Slv	435mm x 275mm	White Eggcrate	Aluminium	3m supplied (you can add up to 3m extra duct)
LED HFL 4 Wht	435mm x 275mm	White Eggcrate	Aluminium	3m supplied (you can add up to 3m extra duct)
LED HFL 2 Slv	435mm x 255mm	White Eggcrate	Aluminium	3m supplied (you can add up to 3m extra duct)
LED HFL 2 Wht	435mm x 255mm	White Eggcrate	Aluminium	3m supplied (you can add up to 3m extra duct)

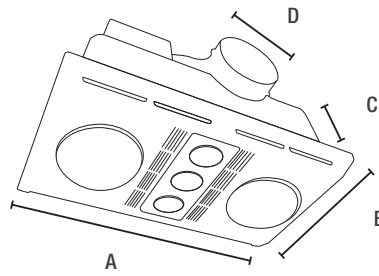
DIMENSION INFORMATION (MM)

Model	A	B	C	D
LED HFL 4	480	360	205	120*
LED HFL 2	480	290	205	120*

* 125mm to 150mm adapter included in kit.



Dimensions - LED HFL 4



Dimensions - LED HFL 2

TECHNICAL SPECIFICATION

Models	LED HFL 4	DLED HFL 2
Power	230 - 240V	230 - 240V
Fan	Centrifugal	Centrifugal
Fan Performance	86 l/s, 310m ³ /hr	86 l/s, 310m ³ /hr
Heat Lamps	4 x 275W	2 x 275W
Light	GU10 LED	GU10 LED
Total Wattage	1080 - 1180W	550 - 610W
Light Wattage	4 x 4.5W	3 x 4.5W
Switch Plate	4 sw. (supplied)	3 sw. (supplied)