

**MANROSE**  
DESIGNER SERIES

# Inline Fan Kit

EC Variable Speed



## TAKE FULL CONTROL

*Now with Variable Speed Controller*

- Latest EC fan technology
- Continuously-variable speed controllable
- Environmentally friendly with at least 33% less energy used at just 18W
- Long life with lower operating temperature brushless technology
- Euro flush-box for variable speed control switch – included



**EC Inline Fan Kit**  
with Variable Speed Controller  
FAN7500



Adjustable  
Noise Level



Adjustable  
Exhaust Speed



Adjustable  
Energy Efficiency

# Inline Fan Kit

## EC Variable Speed

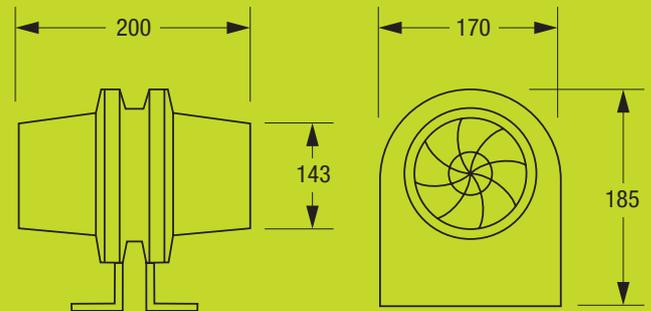
### Contents



### FAN7500 Technical Specifications - at Full Speed

Supply	220-240V AC, 50Hz 18W
Max. Pressure	91 Pa
Fan Performance	105 l/s, 380m <sup>3</sup> /hr free air performance
Specific Fan Power	0.17 W/l/s
Fan Construction	Die cast aluminium with PBT plastic impeller and outer rotor
Max. Operating Temp	45°C
Sound Level	38 dB(A)
IP Rating	IP44
Cut-out Size	160mm diameter

### Dimensions (mm)



### Fan Selection for Bathroom Applications

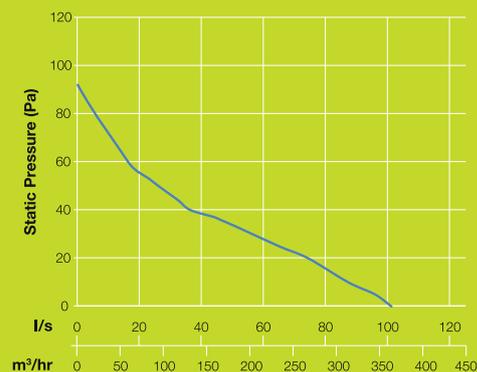
Hyper150 EC axial inline fan with variable speed controller is designed to meet New Zealand Building Code G4/AS1 and suitable for bathrooms with less complex duct runs at full speed.

The following chart provides a quick reference guide for Hyper150 EC axial inline fan with variable speed controller as being the right choice based on good ducting system selection and installation best practices being employed. Installation details in the Instruction Manual must be followed. Compliance with the building code remains the responsibility of the installer as it is dependant on how the duct and accessories are installed.

Bathroom		Metres of Ducting									
25 l/s		1	2	3	4	5	6	7	8	9	10
No. of Bends	1	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange
	2	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange
	3	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange
	4	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange
	5	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange

FAN7500 - Hyper150 EC Axial Fan with Variable Speed Controller (Full speed)

### Performance Curve - Full Speed



### Fan Timer Selection (sold separately)

For timer use EC fan compatible **FAN2444**

- Delay start adjustable 0 sec to 5 mins
- Run-on timer adjustable 0 sec to 20 mins



The delay start and run-on timer features provide full control of the fan's running time, to help ensure all stale air is cleared from the room.