MANROSE®
DESIGNER SERIES

HYPER150 EC
BATHROOM FAN

ECO 33% less energy
UPGRADED INSIDE · POWER SAVING EC MOTOR

G4 BUILDING CODE & HEALTHY HOMES STANDARD
DESIGNED FOR BATHROOMS

FAN7000
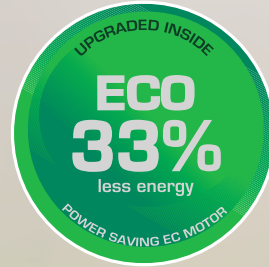
TAKE FULL CONTROL

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

MANROSE

Hyper150 EC Axial Fan with Variable Speed Controller
FAN7000

Adjustable Noise Level

Adjustable Exhaust Speed

Adjustable Energy Efficiency

FAN7000 Technical Specifications - at Full Speed

150mm EC Inline Axial Fan

|	
Supply	110-240V AC 18W 50Hz
Maximum Pressure	91 Pa
Max. Free-Air Performance	105 l/s, 380m³/hr
Specific Fan Power	0.17 W/l/s
Fan Construction	Die cast aluminium
Impeller & Outer Housing	PBT plastic
Maximum Operating Temp	45ºC
Sound Level	38 db(A)
IP Rating	IP44

Variable Speed Controller

- OFF/ON switching for fitting to European flush box DCT4411 included
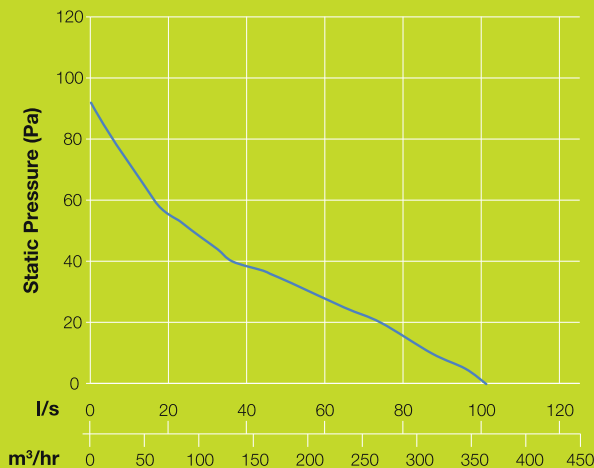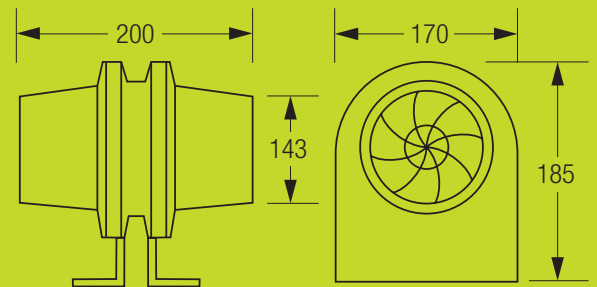- 10m long control cable
- 3-pin plug with lead

FAN4126

OPTIONAL NZ/AUS Wall Switch for continuous trickle extraction and full-speed boost via fan switch

10 V
0-10 V — Pot
GND
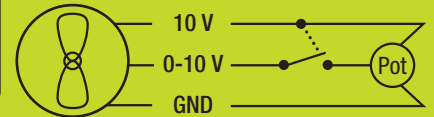
Performance Curve - Full Speed

Static Pressure (Pa)

l/s
m³/hr

Dimensions (mm)

200
170
143
185

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
25 l/s

Metres of Ducting

No. of Bends	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										

▢ FAN7000 - Hyper150 EC Axial Fan with Variable Speed Controller (Full speed)

Fan Timer Selection

The FAN2444 fan timer model shown must be used for all EC fans including Manrose Hyper150 EC axial inline fans and fan kits. Timer has fully adjustable 0 sec to 5 min delay start and fully adjustable run-on time after switching off of 0 sec to 20 min. This fan timer model can also be used with AC fans.

Old model FAN2444 (with resistor) and FAN0372 fan timers are only suitable for use with AC fans and must not be used with EC fans.