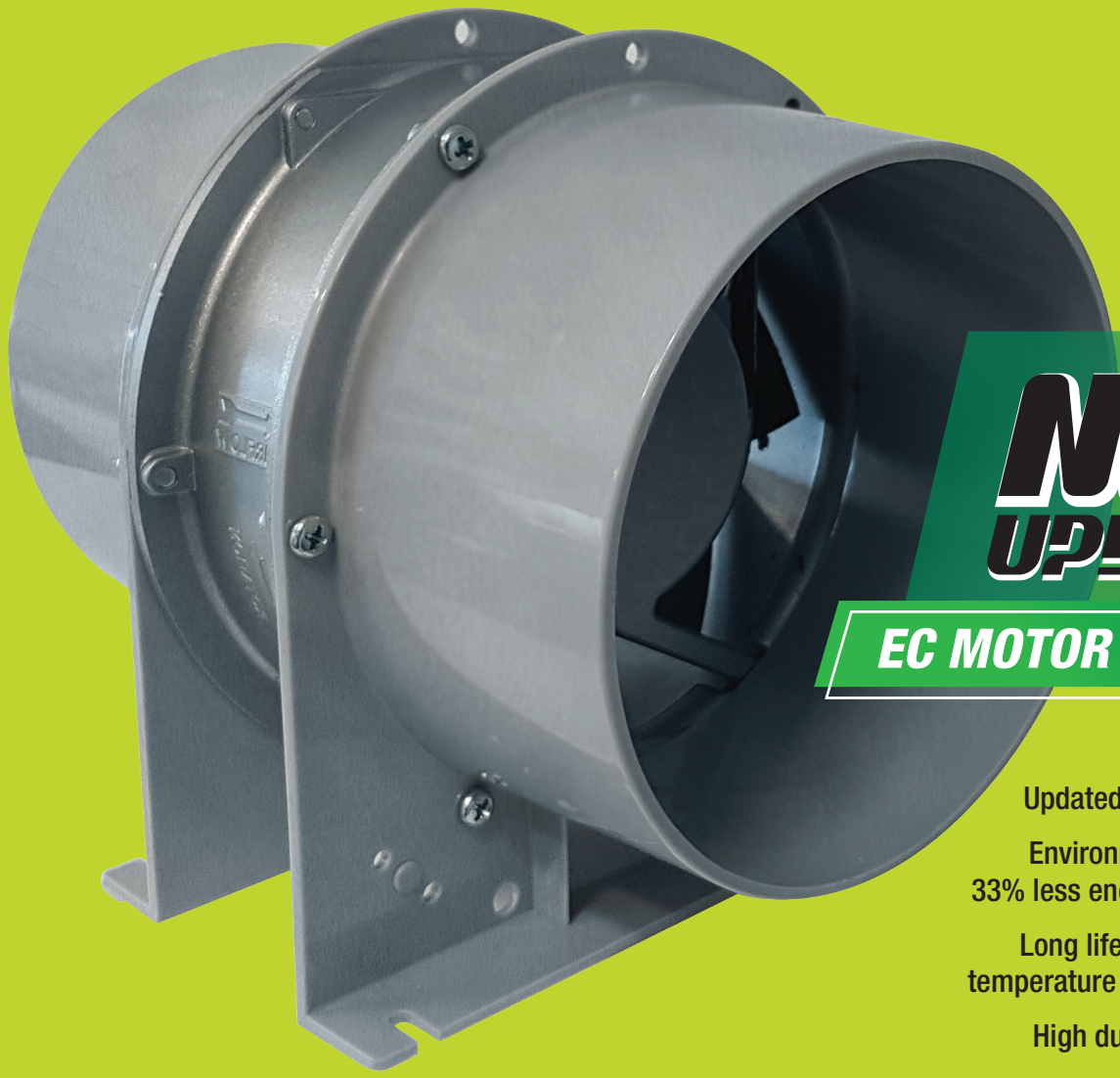
MANROSE®
CLASSIC

HYPER150
BATHROOM FAN RANGE

NEW ZEALAND's
NO.1
bathroom fan leads the way with
improved energy efficient EC motor technology

UPGRADED INSIDE
ECO
33%
less energy
POWER SAVING EC MOTOR

DESIGNED FOR
E4
BUILDING CODE
&
HEALTHY HOMES
STANDARD
BATHROOMS



NEW UPDATED
EC MOTOR TECHNOLOGY

- Updated EC motor technology
- Environmentally friendly with 33% less energy used at just 18W
- Long life with lower operating temperature brushless technology
- High duty-point performance
- Reliability enhanced

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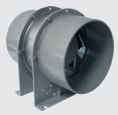
EC Axial Inline Fans and Fan Kits

The new Manrose Hyper150 EC axial inline fans and fan kits operate at just 18W which means a specific fan power of only 0.17 W/l/s.

Inline Extraction Fans

HYPER150 EC	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance (l/s)	Free Air Fan Performance (m^3/hr)	Specific Fan Power (W/l/s)	Sound db(A)	Switching	Product Code
	150	EC Axial	18	91	105	380	0.17	38	Standard	FAN0085
	150	EC Axial	18	91	105	380	0.17	38	Variable Speed Controller	FAN7000*

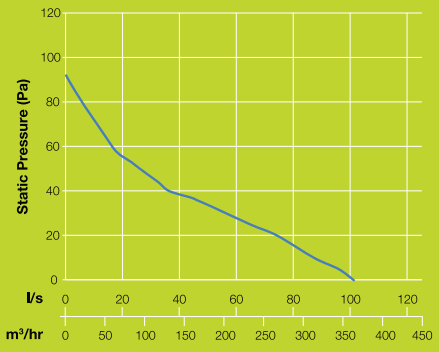
*All data for FAN7000 at full speed.

Inline Extraction Fan Kits - Hyper150 EC Fan & Contour Fascias

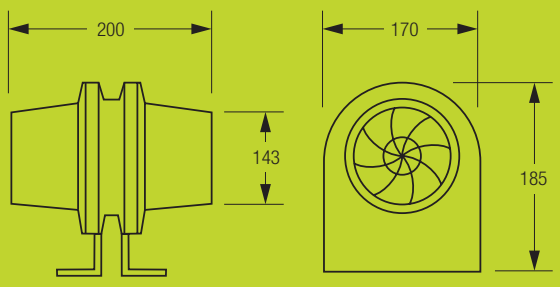
Standard Profile	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance (l/s)	Free Air Fan Performance (m^3/hr)	Specific Fan Power (W/l/s)	Fascia	Exterior Grille	Switching	Product Code
	150	EC Axial	18	91	105	380	0.17	Range Selection	Fixed Louvre White	Standard	FAN7044

	Round Fascia				Square Fascia			
	White	Black	LED White	LED Black	White	Black	LED White	LED Black
+								
	DCT4502	DCT4503	DCT4506	DCT4507	DCT4504	DCT4505	DCT4508	DCT4509

Performance Curve



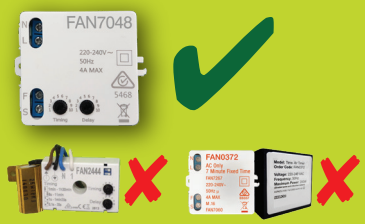
Dimensions (mm)



Fan Timer Selection

The FAN2444 fan timer model shown must be used for all 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.



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EC Axial Inline Fans and Fan Kits

Inline Extraction Fan Kits without Lights

Standard Profile	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Interior Grille	Exterior Grille	Switching	Product Code
					(l/s)	(m^3/hr)					
	150	EC Axial	18	91	105	380	0.17	Round White	Fixed Louvre White	Standard	FAN0101
										Timer	FAN0102

Inline Extraction Fan Kits with LED Lights

Classic Standard Profile	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Interior Grille	Exterior Grille	Switching	Product Code
					(l/s)	(m^3/hr)					
	150	EC Axial	18	91	105	380	0.17	Round White	Eggcrate White	Standard	FAN5369
										Timer	FAN5370

Inline Extraction Fan Kits with Halogen Lamps

Classic Standard Profile	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Interior Grille	Exterior Grille	Switching	Product Code
					(l/s)	(m^3/hr)					
	150	Axial	18	91	105	380	0.17	Round White	Eggcrate White	Standard	FAN0803
										Timer	FAN0804

Switching Options

Standard Remote switch (not supplied).
Timer Remote switch (not supplied). 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.

DESIGNED FOR G4 BUILDING CODE & HEALTHY HOMES STANDARD BATHROOMS

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Fan Selection for Bathroom Applications

Hyper150 EC axial inline fan kits are designed to meet New Zealand Building Code G4/AS1 and are suitable for bathrooms with less complex duct runs.

The following chart provides a quick reference guide for Hyper150 EC axial inline fan kits 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										

FAN0085 - Hyper150 EC Axial Fan and FAN7000 at full speed

DESIGNED FOR G4 BUILDING CODE & HEALTHY HOMES STANDARD BATHROOMS

For longer duct runs, or more bends, refer to the Simx website www.simx.co.nz for information on more powerful fans such as the 150mm MixFlo and Blue Jet mixed flow fans.

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