

MANROSE®



extraction fan selection guide
www.manrose.co.nz

Choose the Right Fan

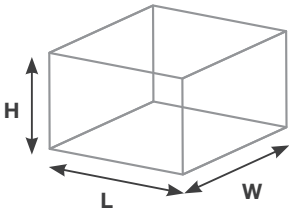
Extraction fans should be placed as close as possible to the steam source (eg. over or near the shower). Inline fans are the most appropriate solution as the extraction grille can be placed directly above the steam source. Use following steps 1-7 as your guide to selecting the right fan for your application.

1. Calculate the Room Size

- Calculate the room volume in cubic metres (L x W x H) e.g. 2.8m x 2.6m x 2.4m = 17.47m³.
- Multiply the room volume by the following air changes per hour (ACH) for that room. Always use the higher limit.

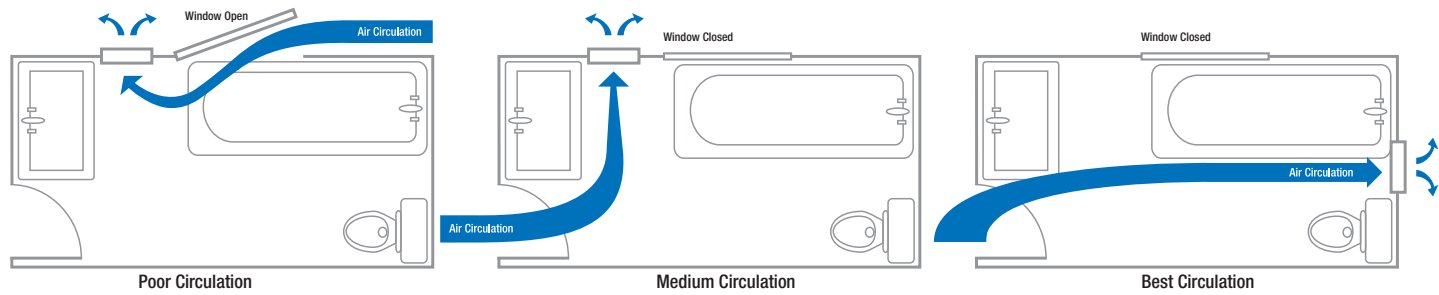
Toilets, cellars, offices	6-10 ACH
Bathrooms, showers, ensuites	11-15 ACH
Kitchens, laundries	11-15 ACH

- The result is the maximum airflow performance required in cubic metres per hour.



2. Consider the Location in the Room

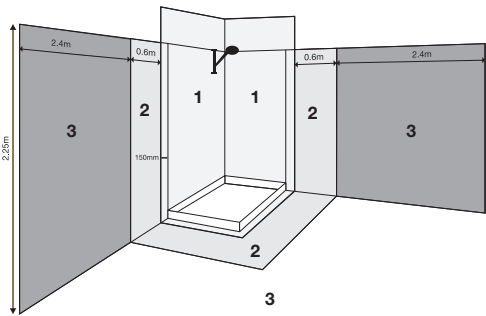
The right placement of an extraction fan will ensure optimum airflow through the bathroom. To ensure the fan works to its maximum efficiency, the extracted air needs to be replenished, or “made up”, with an equal amount of dry air drawn in from an adjacent room or hallway. This make-up air replenishment may be assisted with the installation of a door grille (FAN0159).



3. Wet Area Zones & Recommended Fan Types

Wet area zones are determined by their proximity to the bath or shower. Use the wet area zone plan and table to identify what type of fan is required.

Zone	Description	Recommended Fan Type
1	Area immediately above the bath or shower tray up to the higher of either 2.25m or the height of the fixed plumbing connection	Safety extra low voltage or inline fans only
2	Area within 0.6m around the edge of the bath or shower tray	Any fan
3	Any area outside Wet Area Zones 1 & 2	Any fan



4. Select a Fan Type

From the list below select a fan type, then see the following sections to identify the model you require. Ensure the model you select has a performance (m³/h) greater than the performance calculated in step 1.

Fan Type	Application	Key
Inline Extraction Fans	Wet area zone 1	
Wall/Ceiling Fans	Wall and ceiling	
Heat-Fan-Light Systems	Ceiling, multi-function	
Inline Extraction Fan Kits	Wet area zone 1, integrated light	
Through Wall Fan Kits	Wall	
Through Roof Fan Kits	Roof	
Safety Extra Low Voltage (SELV)	Wet area zone 1	
Window Fans	Window	



5. Making Sure You Have the Best Airflow

With inline fans, the higher the maximum fan pressure, the further they can be ducted. Contour, Blue Jet or mixed flow fans provide the highest levels of airflow for longer duct runs with multiple bends.

6. Saving Energy

The best way of calculating the most efficient fan for your needs, is to compare the specific fan powers of each one selected. The fan with the lower watts per l/s, will use less energy. If a fan has similar specific fan power to another, but much higher pressure for ducted installations, it will still be the more efficient option.

Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)
		(l/s)	(m³/hr)		
25	60	101	364	0.25	40
20	35	36	130	0.56	41

7 Fan Switching Options

Option	Description	Option	Description
Standard	Remote switch	PIR Control	Motion sensor incorporated in fan
Timer	Remote switch with delayed OFF adjustable from 1-20 minutes	Auto Sense	Condition sensor incorporated in fan
Pull Cord	Integral pull cord switch on fan	Variable Speed Controller	Incorporated speed drive in fan

MANROSE®
DESIGNER SERIES

GENIUS



The Power to Control

Bathroom Extraction • Home Air Ventilation • Heat Transfer

Intelligent air movement for a healthy home

- Automatic or customised App settings for installer and home owner
- Ultra quiet bathroom ventilation or heat transfer
- Long life, low energy operation

FAN6844 100mm fan kit including: back draught shutter, rigid wall duct and hooded grilles.

MANROSE®
DESIGNER SERIES

BLUE JET



Streamlined

Compact EC Inline Duct Fan • High Pressure Airflow Control

Power and energy efficiency for controlled air movement

- Powerful mixed flow jet streaming
- Brushless EC fan motor
- Variable speed drive

FAN6960 150mm fan including: variable speed controller, control cable, plug and lead

MANROSE®
DESIGNER SERIES

INTELLIVENT



Intelligent

Humidity Management or Through Wall Heat Transfer Models

Managed air movement for a healthy home

- Super efficient (8W)
- Low pressure continuous background ventilation

FAN5901 100/125mm - auto humidity switching

FAN6051 100/125mm - auto temperature switching

MANROSE®
DESIGNER SERIES

CONTOUR
FAN SYSTEMS

Setting the
Standards in Ventilation
Solutions



Manrose Contour Fan Systems

the new standard in powerful, stylish, easy to install, configurable extract systems

These fans are designed for specific room applications. Appropriately named and designed, the Contour **Toilet, Bathroom** and **Kitchen and Laundry** fans not only meet the new G4 Building Code guidelines, but exceed them in every possible way. Even more challenging installs (ie. complex duct runs and/or very high airflow requirement) are catered for with the **High Steam Area** model.

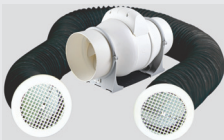
CONTOUR Toilet Fan	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	100	Centrifugal	30	93	49	175	0.61	38	(see below)	Standard	FAN7030
CONTOUR Bathroom Fan	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Centrifugal	45	147	77	276	0.58	40	(see below)	Standard	FAN7031
CONTOUR Kitchen and Laundry Fan	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Centrifugal	50	210	105	378	0.48	42	(see below)	Standard	FAN7032
CONTOUR High Steam Area Fan	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Centrifugal	106	220	153	550	0.69	42	Round White	Standard	FAN7033
									Square White	Standard	FAN7034

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Inline Extraction Fans and Inline Extraction Fan Kits without Lights

These kits are designed so that the interior grille can be mounted directly above your steam source (e.g. shower or bath). Shower fan kits are supplied with a choice of stylish grilles in the low profile fascia models.

Extraction Fans										
Designer BLUE JET	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Mixed Flow	45	490	165	594	0.27	60	Variable Speed Controller	FAN6960

Extraction Fan Kits											
Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Fascia	Switching	Order Code	
					(l/s)	(m³/hr)					
	150	Mixed Flow	70	300	166	597	0.42	Low Profile Round White	Standard	FAN2051	
			60	240	92	330	0.65				
	125	Mixed Flow	40	220	89	320	0.45	Low Profile Round White	Standard	FAN2050	
			18	160	72	260	0.25				
	100	Mixed Flow	40	180	69	250	0.58	Low Profile Round White	Standard	FAN2049	
			18	120	53	190	0.34				
	150	Hyper150 Axial	27	120	109	394	0.25	Low Profile Round and Square White	Standard	FAN0618	
									Timer	FAN0619	
	125	Centrifugal	20	120	39	140	0.51	Low Profile Round and Square White	Standard	FAN0616	
									Timer	FAN0617	
	Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Fascia	Switching	Order Code
						(l/s)	(m³/hr)				
	150	Hyper150 Axial	27	120	109	394	0.25	Standard Round White	Standard	FAN0101	
									Timer	FAN0102	
	125	Axial	20	38	37	135	0.54	Standard Round White	Standard	FAN0064	
									Timer	FAN0065	
	100	Centrifugal	20	120	31	110	0.65	Standard Round White	Standard	FAN0328	
									Timer	FAN0329	
		Axial	24	24	23	85	1.04	Standard Round White	Standard	FAN0017	
									Timer	FAN0018	

Inline Extraction Fan Kits with LED

These high efficiency inline fans are designed to provide higher levels of extraction for larger bathrooms and the LED adds light directly above your steam source (e.g. shower or bath).

Extraction Fan Kits with LED												
Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (PA)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Fascia	Switching	Order Code		
					(l/s)	(m³/hr)						
	150	Hyper 150 Axial	27	120	109	394	0.25	Low Profile Round White	Standard	FAN5375		
									Timer	FAN5377		
									Low Profile Round Silver	Standard	FAN5376	
										Low Profile Square White	Standard	FAN5899
											Timer	FAN5900
	125	Centrifugal	20	120	39	140	0.51	Low Profile Round White	Standard	FAN5379		
									Timer	FAN5381		
									Low Profile Round Silver	Standard	FAN5380	
										Timer	FAN5382	
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Fascia	Switching	Order Code		
					(l/s)	(m³/hr)						
	150	Hyper 150 Axial	27	120	109	394	0.25	Standard Round White	Standard	FAN5369		
									Timer	FAN5370		
	125	Axial	20	38	37	135	0.54	Standard Round White	Standard	FAN5371		
									Timer	FAN5372		
	100	Centrifugal	20	120	31	110	0.65	Standard Round White	Standard	FAN5373		
									Timer	FAN5374		

Inline Extraction Fan Kits with Halogen Lamp

These high efficiency inline fans are designed to provide higher levels of extraction for larger bathrooms and the halogen lamp adds light directly above your steam source (e.g. shower or bath).

Extraction Fan Kits with Halogen Lamp										
Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (PA)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Hyper 150 Axial	27	120	109	394	0.25	Low Profile Round White	Standard	FAN2033
									Timer	FAN2035
								Low Profile Round Silver	Standard	FAN2034
									Timer	FAN2036
	125	Centrifugal	20	120	39	140	0.51	Low Profile Round White	Standard	FAN2029
									Timer	FAN2031
								Low Profile Round Silver	Standard	FAN2030
									Timer	FAN2032
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Hyper 150 Axial	27	120	109	394	0.25	Standard Round White	Standard	FAN0803
									Timer	FAN0804
	125	Axial	20	38	37	135	0.54	Standard Round White	Standard	FAN2037
									Timer	FAN2038
	100	Centrifugal	20	120	31	110	0.65	Standard Round White	Standard	FAN0420
									Timer	FAN0438

Wall/Ceiling Fans

These fans are designed for easy installation and efficient operation. Models featuring a low profile fascia offer a more stylish and unobtrusive installation into any wall or ceiling. SELV fans are designed for use in wet area zones 1, 2 and 3 and incorporate a 12V AC motor and a 12V AC isolating transformer. Auto shutter models have automated backflow prevention vanes.

Safety Extra Low Voltage (SELV)											
Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Low Profile Square	Standard	FAN5892
									Low Profile Round	Standard	FAN5891
	125	Axial	20	35	36	130	0.56	41	Low Profile Square	Standard	FAN5886
									Low Profile Round	Standard	FAN5885
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Standard Square	Standard	FAN5896
	125	Axial	20	35	36	130	0.56	41	Standard Square	Standard	FAN5890
	100	Axial	20	20	23	85	0.87	41	Standard Square	Standard	FAN5883

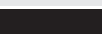
Auto Shutter											
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	87	313	0.29	40	Standard Square	Standard	FAN0121
									Pull Cord		FAN0122
									Timer		FAN0123

Standard											
Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Low Profile Square	Standard	FAN0594
									Low Profile Round	Standard	FAN0609
									Low Profile Square	Timer	FAN0595
									Low Profile Round	Timer	FAN0610
	125	Axial	20	35	36	130	0.56	41	Low Profile Square	Standard	FAN0589
									Low Profile Round	Standard	FAN0604
									Low Profile Square	Timer	FAN0590
									Low Profile Round	Timer	FAN0605
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Standard Square	Standard	FAN0120
									Pull Cord		FAN0126
									Timer		FAN0127
									PIR Control		FAN0124
	125	Axial	20	35	36	130	0.56	41	Standard Square	Standard	FAN0072
									Pull Cord		FAN0074
									Timer		FAN0075
	100	Axial	20	20	23	85	0.87	41	Standard Square	Standard	FAN0046
									Pull Cord		FAN0047
									Timer		FAN0048

Through Wall Fan Kits

These efficient fan kits are easy to install and are designed to be ducted straight through an exterior wall. All fan kits include a weatherproof cowl. Models featuring a low profile fascia offer a more stylish and unobtrusive installation into any wall and are supplied with an exterior grille. Other models are supplied with an exterior cowl. SELV fans are designed for use in wet area zones 1, 2 and 3 and incorporate a 12V AC motor and a 12V AC isolating transformer. Auto shutter models have automated backflow prevention vanes.

Safety Extra Low Voltage (SELV)

Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Low Profile Square	Standard	FAN5894
									Low Profile Round	Standard	FAN5893
	125	Axial	20	35	36	130	0.56	41	Low Profile Square	Standard	FAN5887
									Low Profile Round	Standard	FAN5888
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Standard Square	Standard	FAN5895
	125	Axial	20	35	36	130	0.56	41	Standard Square	Standard	FAN5889
	100	Axial	20	20	23	85	0.87	41	Standard Square	Standard	FAN5882

Auto Shutter

Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	87	313	0.29	40	Standard Square	Standard	FAN0136
										Pull Cord	FAN0137
										Timer	FAN0138

Standard

Designer GENIUS	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code	
					(l/s)	(m³/hr)						
	100	DC Axial	4	30	30	108	0.13	17-20	Standard Round	App Control	FAN6844	
Designer INTELLIVENT	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code	
					(l/s)	(m³/hr)						
	100 125	DC Axial	8	21	37	134	0.22	21	Standard Rectangle	Auto Sense Humidity	FAN5901	
	100 125	DC Axial	8	21	37	134	0.22	21	Standard Rectangle	Auto Sense Temperature	FAN6051	
Pro-Series	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code	
					(l/s)	(m³/hr)						
	150	Axial	25	60	101	364	0.25	40	Low Profile Square	Standard Timer	FAN0621 FAN0623	
	125	Axial	20	35	36	130	0.56	41	Low Profile Square	Standard Timer	FAN0614 FAN0615	
	Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
						(l/s)	(m³/hr)					
	150	Axial	25	60	101	364	0.25	40	Standard Square	Standard Pull Cord Timer	FAN0135 FAN0140 FAN0141	
	125	Axial	20	35	36	130	0.56	41	Standard Square	Standard Pull Cord Timer	FAN0080 FAN0082 FAN0083	
	100	Axial	20	20	23	85	0.87	41	Standard Square	Standard Pull Cord Timer	FAN0053 FAN0054 FAN0055	

Window Fans

These fans are designed for installation situations where an existing window fan is being replaced or where there is no available external wall, or ceiling, space access. SELV fans are designed for use in wet area zones 1, 2 and 3 and incorporate a 12V AC motor and a 12V AC isolating transformer. Auto shutter models have automated backflow prevention vanes.

Safety Extra Low Voltage (SELV)

Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	100	Axial	20	20	23	85	0.87	41	Standard Square	Pull Cord	FAN5884

Safety Extra Low Voltage (SELV) & Auto Shutter

Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	87	313	0.29	40	Standard Square	Pull Cord	FAN5897

Auto Shutter

Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	150	Axial	25	60	87	313	0.29	40	Standard Square	Pull Cord	FAN0107
										Pull Cord Timer	FAN0109

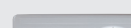
Standard

Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	100	Axial	20	20	23	85	0.87	41	Standard Square	Pull Cord	FAN0021

Wall Fans

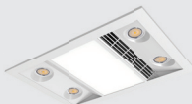
These fans are designed to move air efficiently over long distances with the centrifugal fan providing quiet operation.

Standard

Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m³/hr)					
	100	Centrifugal	45	120	31	110	1.45	45	Standard Rectangular	Standard	FAN0041
										Timer	FAN0042

Heat-Fan-Light Systems

These multi-function systems are designed to meet the higher operational demands of both small and large bathrooms. Features include fans incorporating a unique anti-condensate design and efficient LED centre lamps. Models with a low profile fascia enable easier installation into tight fitting roof cavities. All systems are supplied with duct, grille and wall switch.

4 & 2 Light Units								
Designer	Duct	Fan Type	Max. Fan Watts (W)	Free Air Fan Performance		Heat Element	Fascia	Order Code
				(l/s)	(m³/hr)			
	150	2x Centrifugal	55	106	380	2 Level PTC 1100/2000W	Standard White	FAN7020
							Standard Black	FAN7021
	150	Centrifugal	1100	69	248	1 x 1000W Halogen	Standard White	FAN6577
	150	Centrifugal	1080	99	356	1 x 1000W Halogen	Standard White	FAN5876
Designer	Duct	Fan Type	Max. Fan Watts (W)	Free Air Fan Performance		Heat Lamps	Fascia	Order Code
				(l/s)	(m³/hr)			
	125	Centrifugal	1138	84	303	4 x 275W	Standard White	FAN6882
							Standard Silver	FAN6883
	125	Centrifugal	588	84	303	2 x 275W	Standard White	FAN6880
							Standard Silver	FAN6881
Pro-Series	Duct	Fan Type	Max. Fan Watts (W)	Free Air Fan Performance		Heat Lamps	Fascia	Order Code
				(l/s)	(m³/hr)			
	125	Centrifugal	1180	60	216	4 x 275W	Standard White	FAN0995
	125	Centrifugal	635	50	180	2 x 275W	Standard White	FAN0940
Classic	Duct	Fan Type	Max. Fan Watts (W)	Free Air Fan Performance		Heat Lamps	Fascia	Order Code
				(l/s)	(m³/hr)			
	100	Centrifugal	670	35	126	2 x 275W	Standard White	FAN2162

Heat-Light System

This system is designed to provide instant heat and additional lighting. A Manrose extraction fan can be added for a complete HEAT-FAN-LIGHT bathroom solution (FAN2051 150mm fan kit is recommended).

2 Light Units					
Classic	Duct (mm)	Max. Watts (W)	Heat Lamps	Fascia	Order Code
	100mm	650W	2 x 275W	Standard White	FAN2200

Manrose Heat-Fan-Light systems have been tested to the downlight standard AS/NZS60598.2.2 Amendment A and are all classified as CA135.

Through Roof Fan Cowls and Through Roof Fan Kits

Through Roof Fan Cowls - Air Extraction										
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Centrifugal	70	320	153	550	0.46	62	Standard	FAN0529
	150	Centrifugal 3-Speed	70	320	153	550	0.46	62	Standard	FAN1002
	150	Axial	46	130	89	320	0.14	38	Standard	FAN1009
	150	Axial	50	80	75	270	0.59	55	Standard	FAN0531

Through Roof Fan Cowls - Air Supply										
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Axial	50	130	75	270	0.59	55	Standard	FAN0533

Through Roof Fan Kits with Flashing & HDPE Tube - Air Extraction										
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Centrifugal	70	320	153	550	0.46	62	Standard	FAN0530
	150	Centrifugal 3-Speed	70	320	153	550	0.46	62	Standard	FAN0967
	150	Axial	46	130	89	320	0.14	38	Standard	FAN1060
	150	Axial	50	80	75	270	0.59	55	Standard	FAN0532

Through Roof Fan Heavy Duty Kits with Flashing & HDPE Tube - Air Extraction										
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Centrifugal	70	320	153	550	0.46	62	Standard	FAN0740
	150	Axial	50	80	75	270	0.59	55	Standard	FAN0739

Through Roof Fan Kits with Flashing & HDPE Tube - Air Supply										
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Axial	50	130	75	270	0.59	55	Standard	FAN0534

Through Roof Fan Kits with Flashing for Metal Based Roof - Air Extraction										
Classic	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
	150	Centrifugal	70	320	153	550	0.46	62	Standard	FAN0535
	150	Hyper 150 Axial	50	80	75	270	0.59	55	Standard	DCT0189

Ducting

Aluminium Flexible Duct x 3m

150mm	DCT0330
125mm	DCT0329
100mm	DCT0328



Acoustic Duct x 3m

150mm	DCT0633
125mm	DCT1164
100mm	DCT1216



PVC Flexible Duct x 3m

150mm	DCT0938
125mm	DCT0937
100mm	DCT0936



Semi-Rigid Duct x 3m

150mm	DCT0116
125mm	DCT0115
100mm	DCT0114



Duct Accessories

Inline Backdraught Shutters

150mm PVC	DCT0511
125mm PVC	DCT0036
100mm PVC	FAN0213



Duct Joiners

150mm Metal	DCT0059
125mm Metal	DCT0037
100mm PVC	DCT0159



Door Grille

Door Grille	FAN0159
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Duct Connectors

Cable Ties - 150mm	FAN0282
Cable Ties - 125mm	FAN0281
Cable Ties - 100mm	FAN0274
Duct Tape - 48mm x 5m	DCT0173
Duct Tape - 48mm x 30m	DCT0807
Aluminium Tape - 75mm x 45m	DCT3020



Interior/Soffit Grilles

Low Profile Grilles - Round White Plastic

150mm	DCT1067
125mm	DCT1090
100mm	DCT1089



Low Profile Grilles - Square White Plastic

150mm	DCT2225
125mm	DCT2224
100mm	DCT2223



Low Profile Grilles - Round Black Plastic

150mm	DCT4315
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Low Profile Grilles - Square Black Plastic

150mm	DCT4314
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Eggcrate Grilles - White Plastic

150mm	DCT0473
125mm	DCT0472
100mm	DCT0375



Exterior Grilles

Weatherproof Cowls - White Plastic (includes flap and bird mesh)

150mm	DCT1031
125mm	DCT1030
100mm	DCT0018



Weatherproof Cowls - Black Plastic (includes flap and bird mesh)

150mm	DCT4316
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Weatherproof Cowls - Stainless Steel (includes flap and bird mesh)

150mm	DCT3616
125mm	DCT3615
100mm	DCT3614



Gravity Shutter Grilles - White Plastic

150mm	DCT0066
125mm	DCT0044
100mm	DCT0029



Gravity Shutter Grilles - Black Plastic

150mm	DCT4320
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Gravity Shutter Grilles - Stainless Steel

150mm	DCT2147
125mm	DCT2146
100mm	DCT2145



Fixed Louvre Grilles - White Plastic

150mm	DCT0063
125mm	DCT0041
100mm	DCT0025



Fixed Louvre Grilles - Black Plastic

150mm	DCT4319
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Extraction Grilles

Round Extraction Grilles - White Plastic

150mm	DCT2187
125mm	DCT2186
100mm	DCT2185



Roof Cowl Kits

General Purpose with Flashing & HDPE Tube

150mm	DCT0172
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General Purpose with Lead Flashing & HDPE Tube

150mm	DCT1095
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Heavy Duty with Flashing & HDPE Tube

150mm	DCT0710
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Fan Timers

Timer - Fixed Run On Time (approx)

Fan On Time	Run On Time	Code
up to 5 mins	7 mins	FAN0372
over 5 mins	12 mins	



Timer - Adjustable Run On Time & Start Delay

Run On Time & Start Delay	Code
1 sec to 90 mins	FAN2444



Transformer

SELV Isolating Transformer 12V AC

SELV Transformer	FAN0436
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Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

MANROSE®

Manrose leads the market in air movement and air extraction. Developed and designed to meet the specific application needs of the New Zealand market, Manrose fans perform to those exacting standards for the life of the product.

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Dealers Details
