MANROSE®

rangehood and dryer ducting

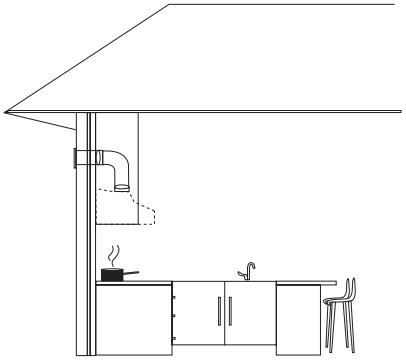
www.manrose.co.nz

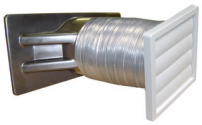
Kitchen Rangehood Ducting Kits

Extraction of cooking fumes at their source is essential for moisture and odour reduction in the home. To help achieve this, rangehoods should be ducted outside. Manrose kitchen rangehood ducting kits are designed to extract fumes efficiently with semi-rigid ducting used in the system to reduce the rangehood system noise and maximise air flow performance. They will fit most rangehoods and can be easily installed by the home handyman or a qualified tradesperson.
The three extraction options available for the kitchen rangehood are:

- Through Wall - ducting through an adjacent wall
- Through Soffit - ducting through the soffit (under the eave)
- Through Roof - ducting through the roof with rangehood noise reduction in mind.

Through Wall Kits

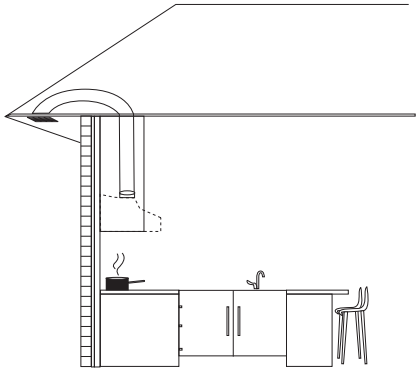


Rear Vent Ducting	Kit Contents	DCT1162
	125mm x 0.4m Semi Rigid Ducting	
	125mm Gravity Shutter Grille - White Plastic	
	Rectangular to Round Adaptor	
	5m Duct Tape	

Top & Rear Vent Ducting	Kit Contents	DCT2592
	150mm x 3m Semi Rigid Ducting	
	150mm x 3m Flexible Nude Ducting	
	150mm Weatherproof Cowl - White Plastic	
	150mm:125mm Reducer	
	150mm Joiner	
	5m Duct Tape	

Kitchen Rangehood Ducting Kits

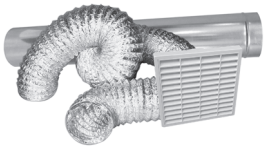
Through Soffit Kits



Top Vent Ducting - Flexible Nude

Kit Contents	DCT1161
150mm x 3m 3m Flexible Nude Ducting	
150mm Fixed Louvre Grille - White	
5m Duct Tape	

Top Vent Ducting - Galvanised Steel

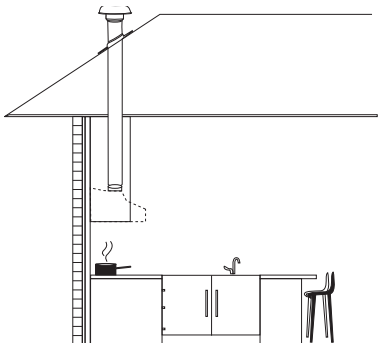


Kit Contents	DCT1259
150 x 0.9m Galvanised Steel Tube	
150mm x 3m 3m Flexible Nude Ducting	
150mm Fixed Louvre Grille - White	
5m Duct Tape	

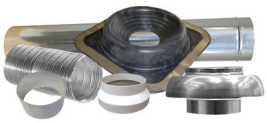
Top Vent Ducting - Semi Rigid

Kit Contents	DCT2323
150mm x 3m Semi Rigid Ducting	
150mm x 3m 3m Flexible Nude Ducting	
150mm Eggcrate Grille - White	
150mm:125mm Reducer	
150mm Joiner	
5m Duct Tape	

Through Roof Kits

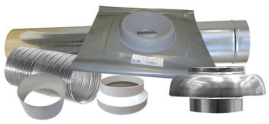


Top Vent Ducting - Iron Roof



Kit Contents	DCT2324
150mm x 3m Semi Rigid Ducting	
150mm x 0.9m Galvanised Steel Tube	
150mm:125mm Reducer	
150mm Joiner	
150mm Through Roof Cowl	
Roof Flashing	
5m Duct Tape	

Top & Rear Vent Ducting - Tiled Roof



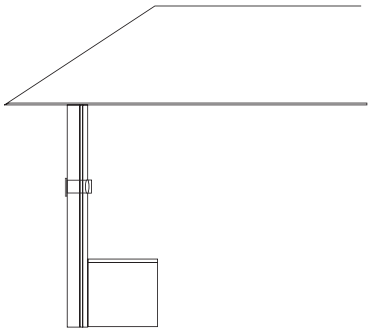
Kit Contents	DCT2325
150mm x 3m Semi Rigid Ducting	
150mm x 0.9m Galvanised Steel Tube (x2)	
150mm:125mm Reducer	
150mm Joiner	
Flashing - Lead	
5m Duct Tape	

The New Zealand Building Code regulations and NZS 4303:1990, require that any fan installed in a kitchen must have the exhaust air ducted to the outside of the home. This eliminates the build up of an unhealthy concentration of moisture and cooking oils in roof cavities. Installations also require compliance with AS/NZS 60335.2.80.

Laundry Dryer Ducting Kits

This dryer ducting kit is designed for inverted and wall mounted dryers to effectively remove the moist warm air generated from clothes dryers and expel it directly outside. This process eliminates the build up of dampness, helping to keep your home dry and free from condensation. Free standing dryers on the floor will require extra flat channel ducting (DCT0013) and joiner (DCT0014).

Through Wall Kits



Rear Vent Ducting	Kit Contents	DCT1263
	100mm x 3m Flexible Aluminium Ducting	
	110 x 54mm x 0.75m Flat Channel Ducting	
	100mm Eggcrate Grille - White Plastic	
	Round 100mm to Rectangular 110 x 54mm Elbow Bend (x2)	
	48mm x 5m Silver PVC Duct Tape	

The New Zealand Building regulations NZS 4303:1990, require that any fan installed in a laundry must have the exhaust air ducted to the outside of the home. This eliminates the build up of an unhealthy concentration of moisture in roof cavities.

Through Wall Fan Kits

These efficient fan kits are easy to install and are designed to be ducted straight through an exterior wall. Genius fan kits are supplied with an exterior hooded grille. All other fan kits include a weatherproof cowl.

Designer QUIET	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)	(m^3/hr)					
	150	Axial	22	138	114	410	0.19	41	Square	Standard	FAN7190
	125	Axial	15	68	54	194	0.28	38	Square	Standard	FAN7187
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)	(m^3/hr)					
	100	DC Axial	4	30	30	108	0.13	17-20	Round	App Control	FAN6844
Pro-Series Low Profile	**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)	(m^3/hr)					
	150	Axial	20	60	101	364	0.19	40	Square	Standard	FAN0621
	125	Axial	20	35	36	130	0.56	41	Square	Standard	FAN0614
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)**	**Sound dB(A)**	**Fascia**	**Switching**	**Order Code**
					(l/s)	(m^3/hr)					
	150	Axial	25	60	101	364	0.19	40	Square	Standard	FAN0135
	125	Axial	20	35	36	130	0.56	41	Square	Standard	FAN0080
	100	Axial	20	20	23	85	0.87	41	Square	Standard	FAN0053

Through Wall Fan Kit Contents

Model	QUIET		GENIUS	Pro-Series		Classic		
	150mm	125mm	100mm	150mm	125mm	150mm	125mm	100mm
Axial Fan	1	1		1	1	1	1	1
DC Axial Fan			1					
Semi Rigid Ducting	1	1		1	1	1	1	1
Rigid Ducting								
Wall Ducting			2					
Back Draught Shutter			1					
Exterior Hooded Grille			1					
Weatherproof Cowl	1	1		1	1	1	1	1
30m Duct Tape	1	1		1	1	1	1	1

Ducting

Low Profile Flat Channel Duct x 1.5m

110 x 54mm	DCT0013
204 x 60mm	DCT0519
220 x 90mm	DCT1443
300 x 25mm	DCT1460

Aluminium Flexible Duct x 1m

150mm	DCT0330
125mm	DCT0329
100mm	DCT0328

Semi-Rigid Duct x 3m

150mm	DCT0116
125mm	DCT0115
100mm	DCT0114

PVC Tubes x 1m

150mm	DCT1426
125mm	DCT1425
100mm	DCT1424

Galvanised Steel Tubes x 0.9m

150mm	DCT0153
125mm	DCT0152
100mm	DCT0151

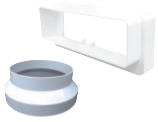
Duct Accessories

Duct Joiners

Flat Channel Duct	**110 x 54mm PVC**	DCT0014
	204 x 60mm PVC	DCT0520
	220 x 90mm PVC	DCT1442
Round Duct	**150mm Metal**	DCT0059
	125mm Metal	DCT0037
	100mm PVC	DCT0159

Duct Reducers

Flat Channel Duct	**110 x 54 - 204 x 60mm**	DCT0136
	204 x 60 - 220 x 90mm	DCT1452
Round Duct	**125 - 100mm**	DCT2067
	150 - 100mm	DCT2122
	150 - 125mm	DCT2066



Elbow Bends
(with rotating offset spigot)

Round Duct	Flat Channel Duct	Code
150mm	**204 x 60mm**	DCT0523
	220 x 90mm	DCT1441
125mm	**204 x 60mm**	DCT0522
	220 x 90mm	DCT1440
100mm	**110 x 54mm**	DCT0124
	204 x 60mm	DCT0521
	220 x 90mm	DCT1444

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

Exterior Grilles

Weatherproof Cowls
(includes flap and bird mesh)

150mm - Matte Black Plastic	DCT4261
125mm - Matte Black Plastic	DCT4399
100mm - Matte Black Plastic	DCT4400
150mm - Gloss Black Plastic	DCT4316
150mm - Gloss White Plastic	DCT1031
125mm - Gloss White Plastic	DCT1030
100mm - Gloss White Plastic	DCT0018
150mm - Stainless Steel	DCT3616
125mm - Stainless Steel	DCT3615
100mm - Stainless Steel	DCT3614

Gravity Shutter Grilles

150mm - Black Plastic	DCT4320
150mm - White Plastic	DCT0066
125mm - White Plastic	DCT0044
100mm - White Plastic	DCT0029
150mm - Stainless Steel	DCT2147
125mm - Stainless Steel	DCT2146
100mm - Stainless Steel	DCT2145

Fixed Louvre Grilles - Square Plastic

150mm - Matte Black	DCT4373
125mm - Matte Black	DCT4429
100mm - Matte Black	DCT4428
150mm - Gloss Black	DCT4319
150mm - Gloss White	DCT0063
125mm - Gloss White	DCT0041
100mm - Gloss White	DCT0025

Notes

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.

Manrose ducting, fans, fan kits and air movement accessories deliver elegance and innovation in reliable and durable solutions everytime.

For the full range of MANROSE® fans, ducting, grilles, diffusers, hand dryers and accessories visit our website.

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Distributed by Simx Limited.

Specifications are subject to change without notice.

Dealers Details

PUB0058 2109