



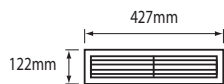
With family and friends to take care of, it goes without saying you need the help of reliable kitchen appliances.

Specs

Downdraft Surrounds

Downdraft Small Surround

Surrounds and grills are available in stainless steel.



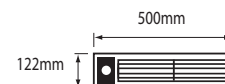
Downdraft Large Surround

Surrounds and grills are available in stainless steel.



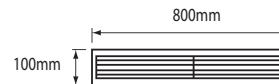
Parmco Surround With Control Knob

Surrounds and grills available in stainless steel.



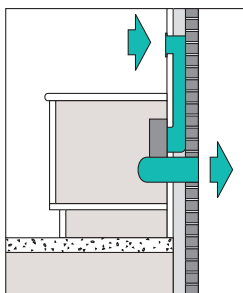
Downdraft Surround and Grill For 900mm In-Wall Airbox

Surrounds and grills are available in stainless steel.

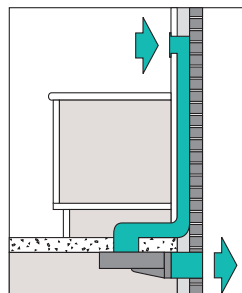


Downdraft Extraction Options

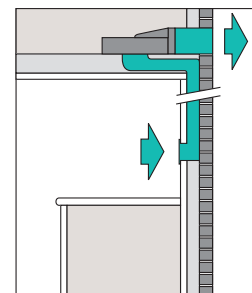
In-Wall Airbox



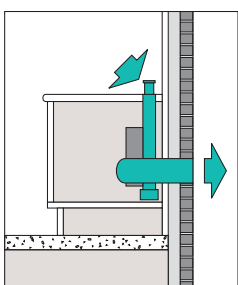
Remote Underfloor Motor Mounting



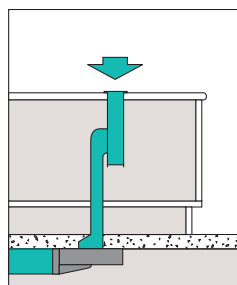
Remote Ceiling Motor Mounting



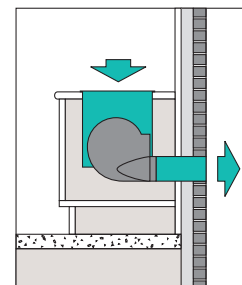
Rear Riser



Remote Underfloor Motor Mounting



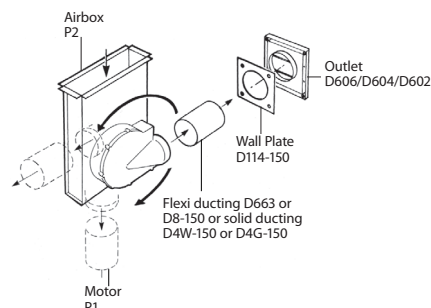
Benchtop Airbox



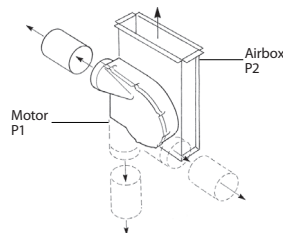
In Bench

These are intended to give an idea of the range of possibilities that the modular components of the Parmco Downdraft offer. There are often many possible solutions to installation problems – contact Parmco Sales customer services if further assistance is required.

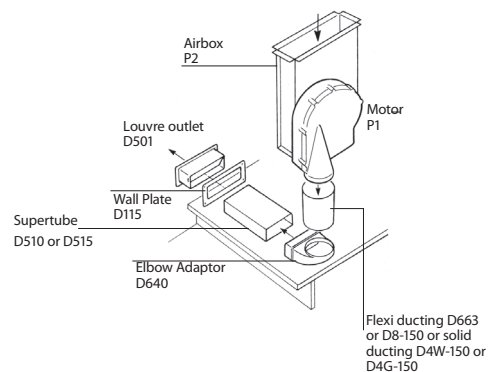
1:1. The most common installation with ducting to the rear. Simple and easy.



1:2. Same components as 1 – the motor can be mounted on the left or right without any changes.



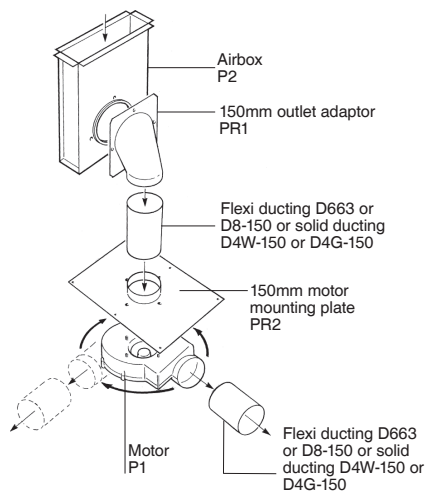
1:3. And the outlet can go down just as easily for ducting within the kickboard or under floor.



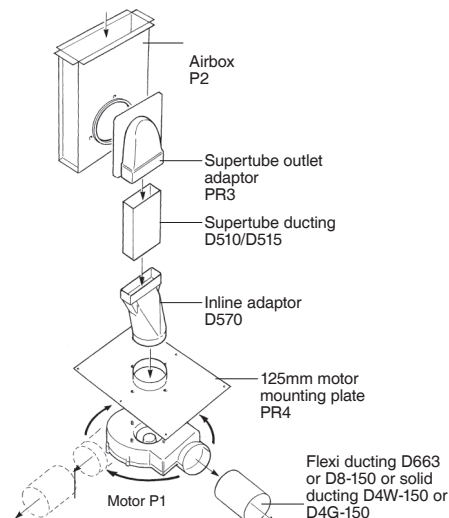
Remote Mounting

For reduced fan noise and increased cupboard space

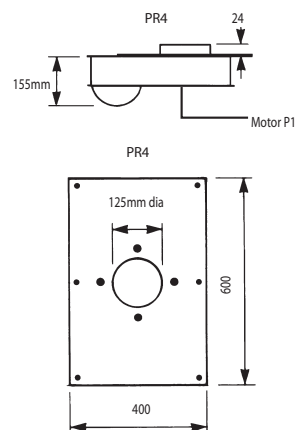
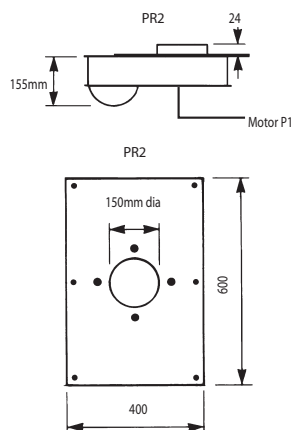
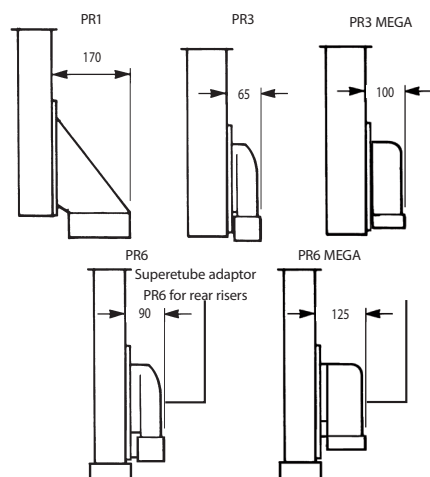
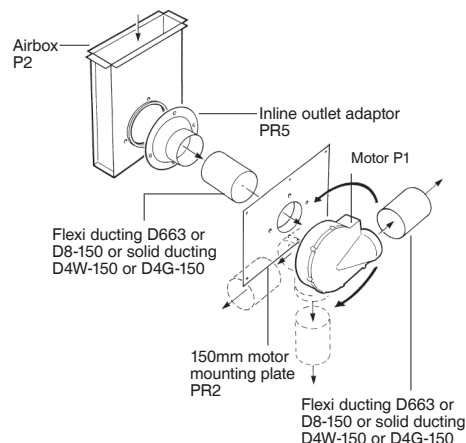
2:1. The standard underfloor motor mounting for bench top or riser units.



2:2. The ultra-slim alternative which requires only a 150mm space. Bench top units only.

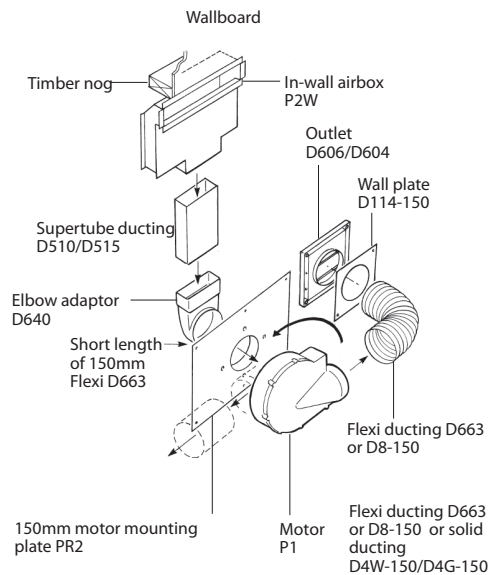


2:3. Horizontal motor mounting where structural problems prevent ducting to the back or underneath, or allow the motor to be positioned in another cupboard or room. For bench top or side mounted riser units.

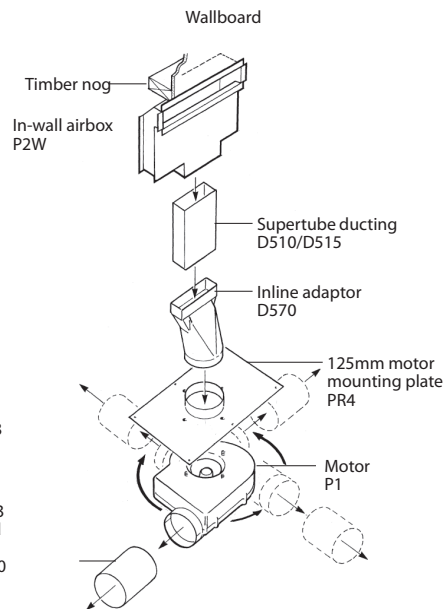


In Wall Airbox

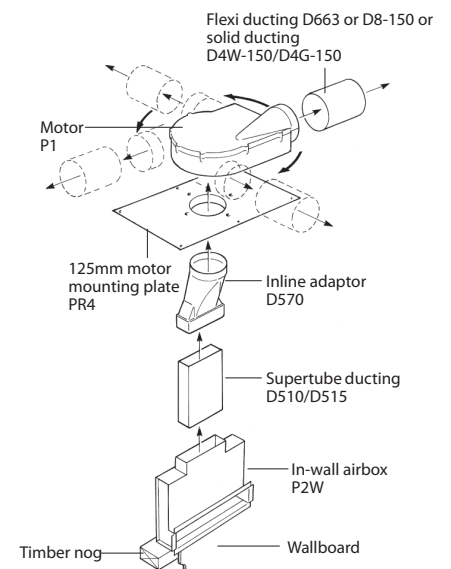
3:1. Where concrete floors are a problem, or to mount the motor in the room behind the airbox.



3:2. For underfloor mounting.



3:3. The In-wall airbox can be ducted upwards just as easily.



600mm In-Wall Mega

For the up-spec'd version of the 600mm In-Wall duct (using the P1-9-1 motor) as it is also used for the 900mm In-Wall Airbox.

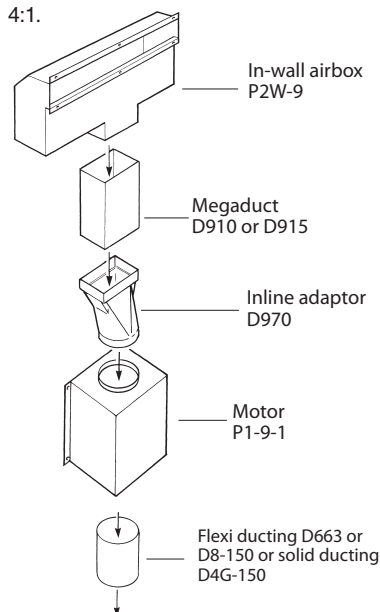
See fig: 4.1 and 4.2 except use the P2WALL-MEGA instead of the P2W-9.

900mm In-Wall Airbox

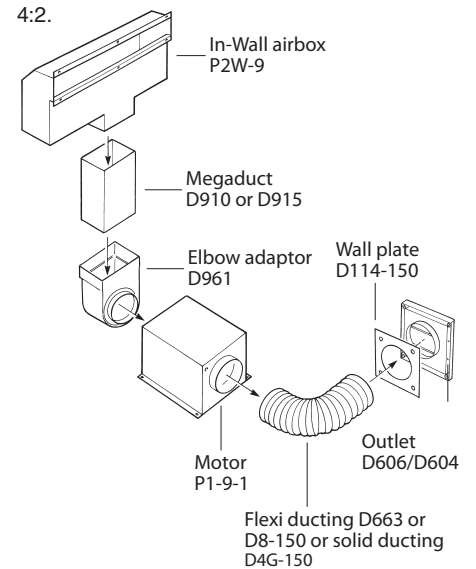
If the Downdraft is being fitted into a wall, the 900 In-Wall Downdraft Airbox must be framed as for a window.

Note: Requires 97mm finished wall cavity if there are joints in the Megaducting run. If there are no joints, a 90mm wall cavity can be used.

4:1.



4:2.



Risers

6:1. Rear Riser 600mm

The motor is mounted on one side of the airbox only. Can do all the options shown in section 1 and 2 except 2.2 which requires a PR6 instead of a PR3.

5:1. Side Riser 600mm

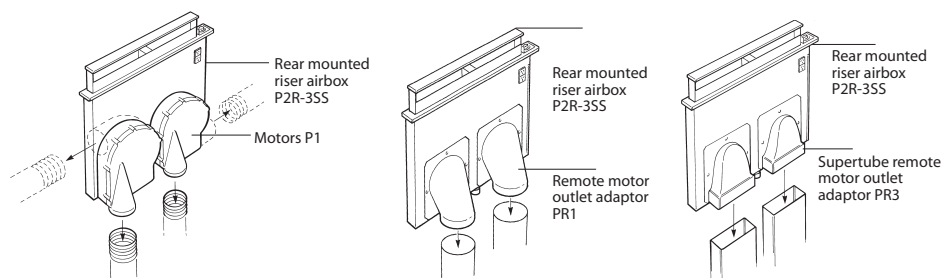
The most common installation for the side mounted riser with ducting to the rear. The motor can be mounted on the left or right of the airbox as 1.2. Can do all the options shown in section 1 and 2 except 2.2 which requires a PR6 instead of a PR3.

7:1. Rear Riser 900mm

Twin motor mounting. See also 1.1, 1.3, for ducting alternatives and components.

7:2. Remote Riser 900mm

For reduced fan noise and increased cupboard space see 2.1 and 2.2.



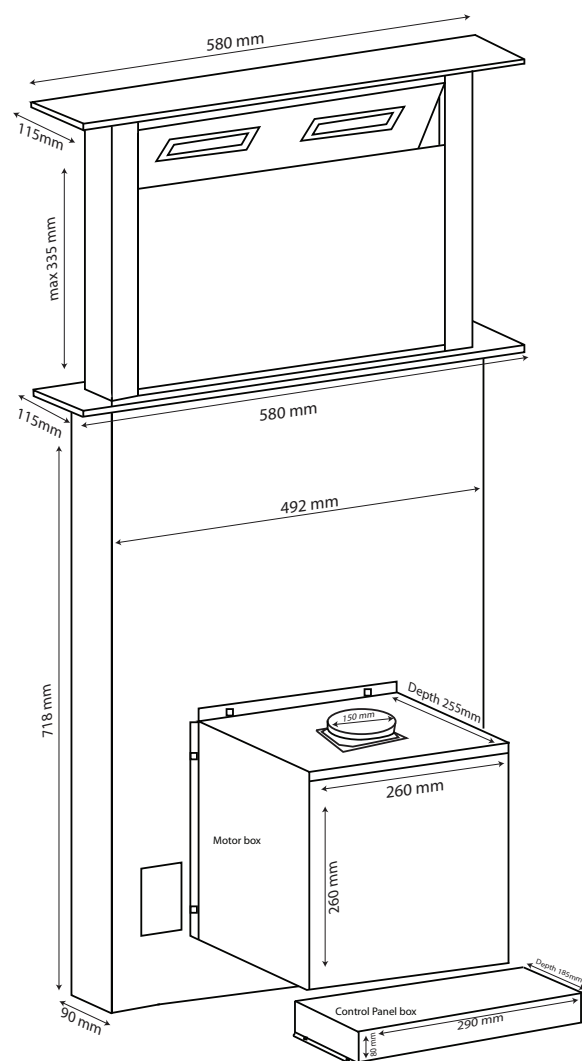
* If using the P1-9-1 motor (1000m³/hour) use Mega Duct

Rear Riser Glass Top

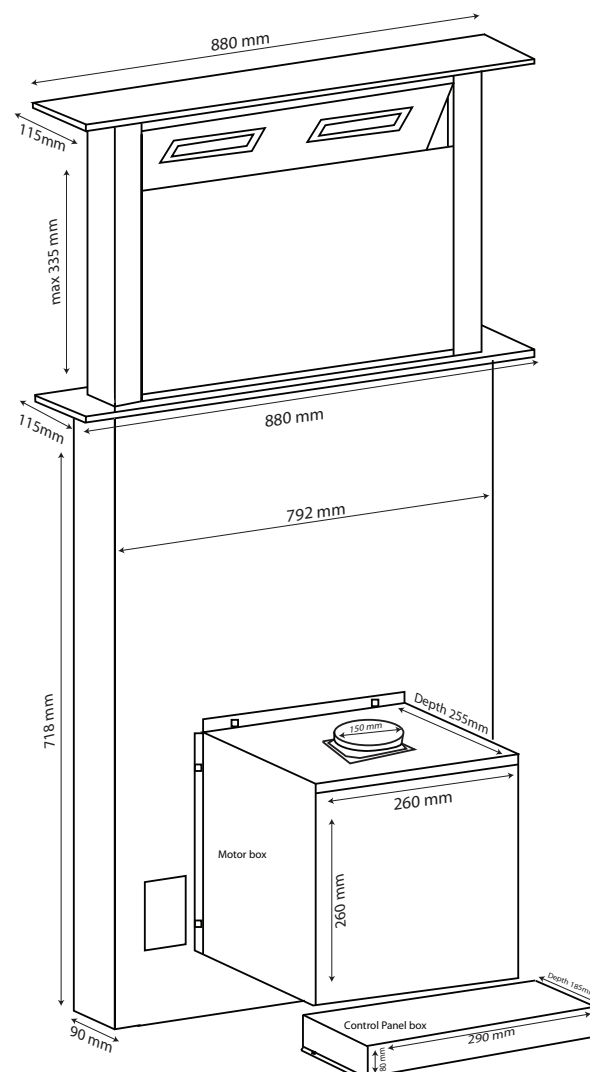
Please refer to the installation manual for cutout guides.

Note: This unit is supplied with a remote motor kit which allows the fan motor to be placed up to 4.5 metres away from the downdraft. Ducting not supplied with unit.

600mm REAR RISER DD-600RR-G

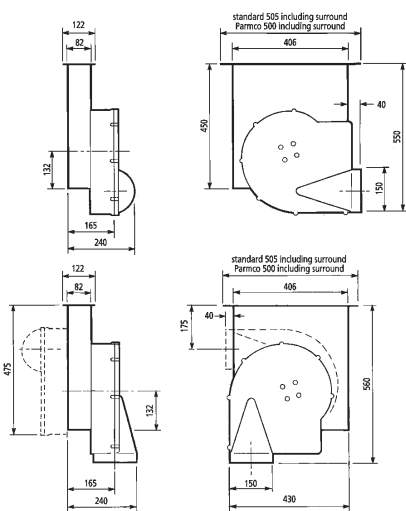


900mm REAR RISER DD-900RR-G

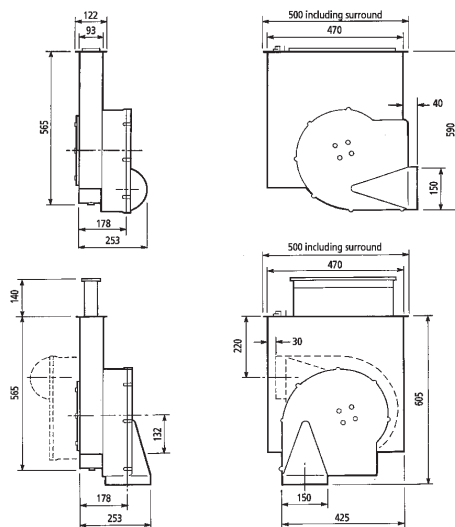


Unit Dimensions Guides

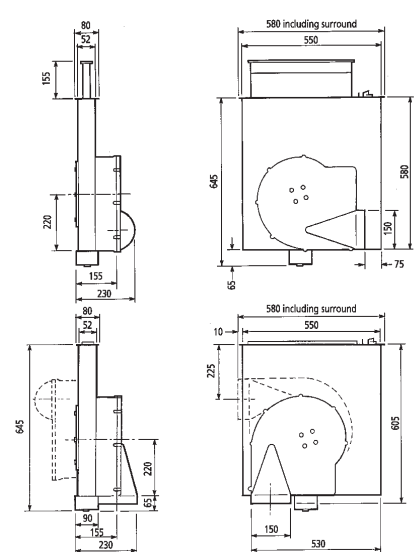
Standard In-Bench



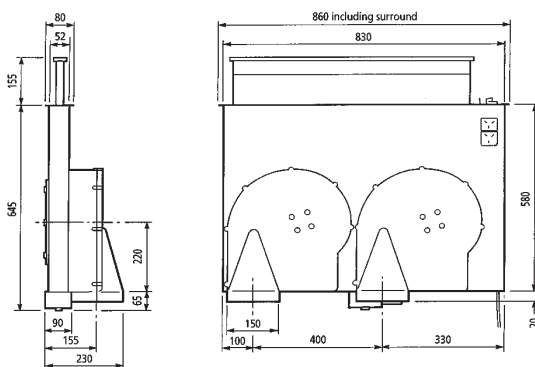
Side Mounted Riser



600 Rear Riser

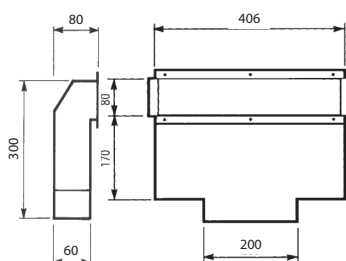


900 Rear Riser

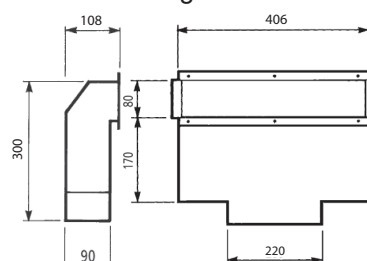


Airbox Dimensions Guide

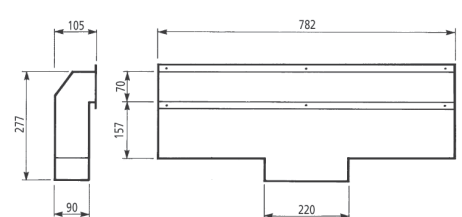
600 In Wall



600 In Wall Mega

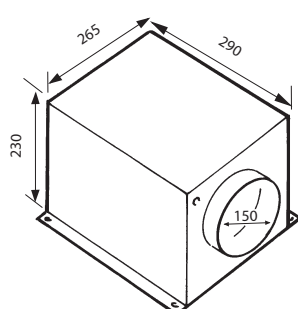


900 In Wall

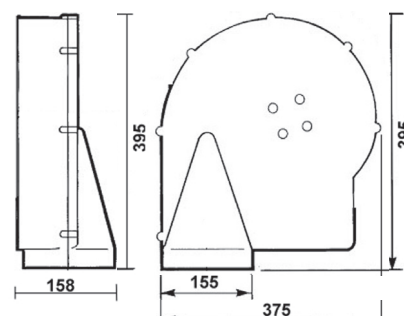


Motor Dimensions Guide

Downdraft



Motor P1-9-1
up to 1000m³/hour



Motor P1
up to 750m³/hour

Downdraft installation Guide

Downdraft installation is logical and straightforward if planned carefully

There are several key points to note:

Maximum performance.

This is achieved by positioning the air intake as close as practical to the cooking elements. Air intakes can be mounted either side of the cooking surface or behind it. The downdraft is most effective on those elements nearest the air intake and should not draw air over the controls.

Maximum extraction capabilities.

To achieve the very high extraction capabilities of the Downdraft, there must be a similar flow of "Return Air" from outside the cooking area. This may be the natural flow of air through open windows or doors. Alternatively you can use strategically placed inlet vents – the higher the better – to provide airflow which will further assist extraction from the kitchen.

In-wall airbox.

Unless access is available from the wall behind the unit, the wall lining needs to be removed to install this unit. We recommend that the airbox

be firmly fastened to a nog.

Gas cooktops.

Unless a riser unit is installed, the in-bench downdraft must be fitted with a gas flame deflector if positioned adjacent to a gas appliance to prevent the flame being drawn into the intake and to enable effective combustion. It is recommended the in-wall model be mounted at least 150mm (optimum of 300mm) off the benchtop.

In all cases the gas cooktop must be fitted in accordance with the appropriate regulations.

Wall mounted controls.

The Parmco in-bench and in-wall Downdrafts have been designed to utilise remote electrical switching typically mounted on the wall with other switches and controls. A light dimmer or fan speed control can also be added. Local electrical authority regulations must be observed when fitting these appliances.

Bench cut-out.

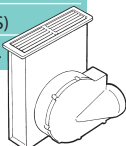
Prior to cutting out, determine which side the airbox the motor will be fastened to because:

- This will influence ducting requirements
- Pipes, nogs etc. in any walls or floor may have to be cut to accommodate ducting

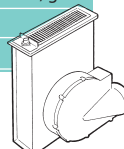
Use and care of your Downdraft.

- Always disconnect the electrical supply before cleaning or servicing
- Frequently remove and clean the grease filters
- Do not use corrosive, alkali or alcohol based cleaners
- Never operate the unit without a filter in place
- Clean the filters with hot soapy water or in the dishwasher with a caustic free detergent
- Replace the filters when dry
- Do not put powder coated grill in the dishwasher. They can be cleaned with hot soapy water
- After cooking, keep the Downdraft turned on for another 10-15 minutes to completely rid the room of cooking odours
- Do not operate the unit without the filter correctly installed
- Follow the instructions supplied with your Downdraft

CODE	DESCRIPTION
• STANDARD IN-BENCH DOWNDRAFT - no control	
Consists of: motor, airbox, surround, grill	
PDD-6S-IB:	Motor (P1) + Airbox (P2) + Surround (PS1SS) + Grill (PG1SS)
<i>* Optional: Black surround + grill available on request.</i>	



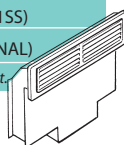
CODE	DESCRIPTION
• STANDARD IN-BENCH DOWNDRAFT - with control	
Consists of: motor, airbox, surround, grill	
PDD-6C-IB:	Motor (P1) + Airbox (P2) + Surround with controls & grill



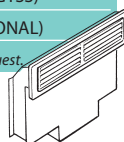
CODE	DESCRIPTION
• REMOTE MOTOR MOUNTING	
PR1	150mm outlet, 90 degree adapter
PR2	150mm inlet, motor mounting plate
PR3-MEGA	Supertube outlet, 90 degree adaptor
PR4	125mm inlet, motor mounting plate
PR5	150mm outlet, inline adaptor
PR6-MEGA	Supertube outlet, 90 degree adaptor - riser

CODE	DESCRIPTION
• OTHER COMPONENTS FOR IN-BENCH KIT	
PP4SS - 1	Gas flame deflector, stainless steel
PP4SS - 2	Gas flame deflector, stainless steel 2 sided

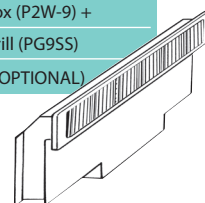
CODE	DESCRIPTION
• 600mm IN-WALL DOWNDRAFT - MEGADUCT	
Consists of: motor, airbox, surround, grill	
PDD-6S-IM:	Motor (P1-9-1) + Airbox (P2WALL-MEG) + Surround (PS3SS) + Grill (PG1SS)
PA DIMMER:	Fan speed controller (OPTIONAL)
<i>* Optional: Black surround + grill available on request.</i>	



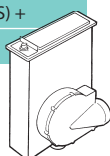
CODE	DESCRIPTION
• 600mm IN-WALL DOWNDRAFT - SUPERTUBE	
Consists of: motor, airbox, surround, grill	
PDD-6S-IW:	Motor (P1) + Airbox (P2WALL) + Surround (PS3SS) + Grill (PG1SS)
PA DIMMER:	Fan speed controller (OPTIONAL)
<i>* Optional: Black surround + grill available on request.</i>	



CODE	DESCRIPTION
• 900mm IN-WALL DOWNDRAFT	
Consists of: motor, airbox, surround, grill	
PDD-9-IW:	Motor (P1-9-1) + Airbox (P2W-9) + Surround (PS9SS) + Grill (PG9SS)
PA DIMMER:	Fan speed controller (OPTIONAL)



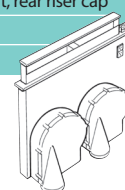
CODE	DESCRIPTION
• SIDE-RISER DOWNDRAFT	
Consists of: motor, single or double sided intake	
PDD-6-SR-1:	Motor (P1) + Riser unit (P2R-1SS) + 1-Sided riser cap (PCR-11SS)



CODE	DESCRIPTION
• 600mm REAR-RISER DOWNDRAFT	
Consists of: motor, riser unit, rear riser cap	
PDD-6-RR:	Motor (P1) + Riser unit/cap (P2R-2SS)



CODE	DESCRIPTION
• 900mm REAR-RISER DOWNDRAFT	
Consists of: 2 motors, riser unit, rear riser cap	
PDD-9-RR:	Motor (P1 x 2) + Riser unit/cap (P2R-3SS)



Creating the
healthiest kitchen
setting for Kiwis
is our focus.

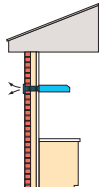


Parmco Ducting Packs

Parmco Ducting Packs provide you with the convenience of being able to buy your ducting requirements out of the one standardised pack, taking the stress out of the ducting

process. Choose from one of the six different packs available, which come in varying sizes, either 100mm, 125mm or 150mm.

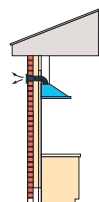
Exposed Rear Vent Kit



DP - A: Rangehood

Available Sizes	100mm	125mm	150mm
Components	D8-100-1 Semi rigid 1m aluminium	D8-125-1 Semi rigid 0.5m aluminium	D8-150-1 Semi rigid 0.5m aluminium
	D104 Louvered outlet	D504 Louvered outlet	D604 Louvered outlet

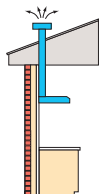
Rear Vent Kit



DP - A: Canopy

Available Sizes	100mm	125mm	150mm
Components	D8-100-1 Semi rigid 1m aluminium	D8-125-1 Semi rigid 0.5m aluminium	D8-150-1 Semi rigid 0.5m aluminium
	D104 Louvered outlet	D504 Louvered outlet	D604 Louvered outlet

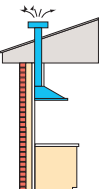
Through Roof Exposed Flue



DP - B

Available Sizes	125mm
Components	D4W-125 White flue 900mm
	D4G-125 Galv flue 900mm
	D3-125 Galv roof cowl
	D114-125 Ceiling plate

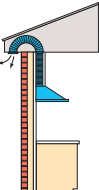
Through Roof Kit



DP - C

Available Sizes	125mm	150mm
Components	D4G-125 Galv flue 900mm x2	D4G-150 Galv flue 900mm x2
	D3-125 Galv roof cowl	D3-150 Galv roof cowl
	D114-125 Ceiling plate	D114-150 Ceiling plate

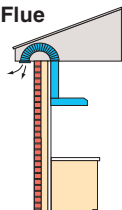
Soffit Pack



DP - D

Available Sizes	125mm	150mm
Components	D8-125-3 Semi rigid 3m aluminium	D8-150-3 Semi rigid 3m aluminium
	D504 Louvered outlet	D604 Louvered outlet

Soffit Pack Exposed Flue



DP - E

Available Sizes	100mm	125mm
Components	D4W-100 White flue 900mm	D4W-125 White flue 900mm
	D8-100-1 Semi rigid 1m aluminium	D8-125-1 Semi rigid 1m aluminium
	D104 Louvered outlet	D504 Louvered outlet
	D114-100 Ceiling plate	D114-125 Ceiling plate

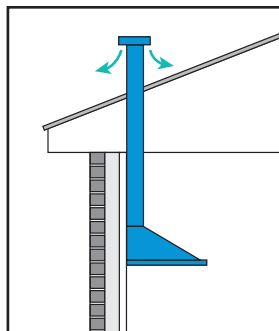
Canopy & Rangehood Ducting Options

Below you will find a selection of ducting options for your canopy or rangehood.

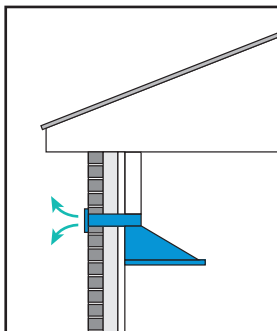
These are common options only. It is important to remember that there are endless combinations of ducting paths and options available to suit your unique needs

Use this as a guide and if in doubt ask your local Parmco stockist or visit Parmco's website, www.parmco.co.nz, for more information.

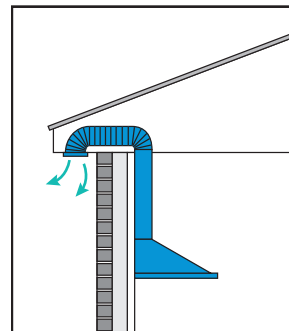
Canopy (Blue)



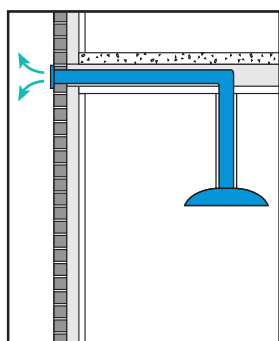
Top ducting with exposed flue in matching finish.



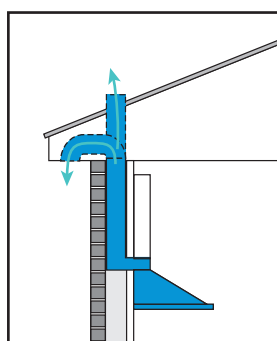
Rear vent ducting through external wall.



Ducting through soffit using flexi-ducting.

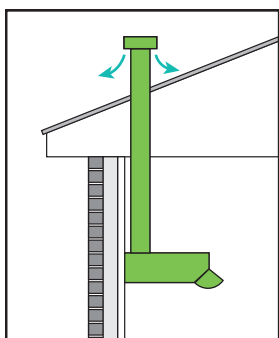


Island Canopy ducting through ceiling/floor joists using supertube.

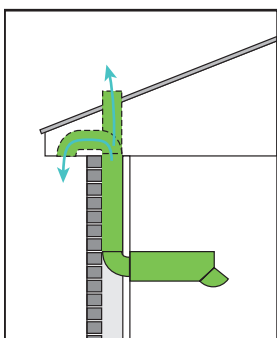


Ducting into wall cavity then vertically between studs using supertube on extra high stud ceilings.

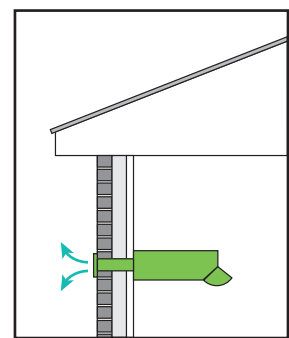
Rangehood (Green)



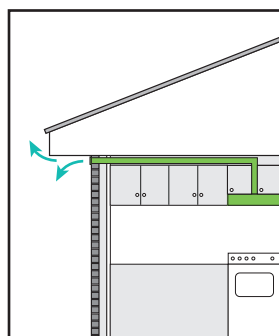
Top ducting with exposed flue in matching finish.



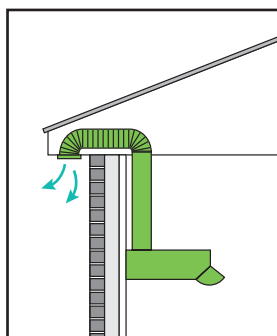
Ducting into wall cavity then vertically between studs using supertube.



Rear vent ducting through external wall.



Ducting above cupboard to external wall using supertube



Ducting through soffit using flexi-ducting.

Or if you are wanting to recirculate with a Carbon Filter, follow these codes:

TPC-MASTER CARBON FILTER
T7-6TWIN, CAPRICE

TPC-NT
T1-6-2, T1-9HT, T1-6HT

TPC-AT 110
T2-6-1, T2-9-1

TPC-AT 152
R6-501-1

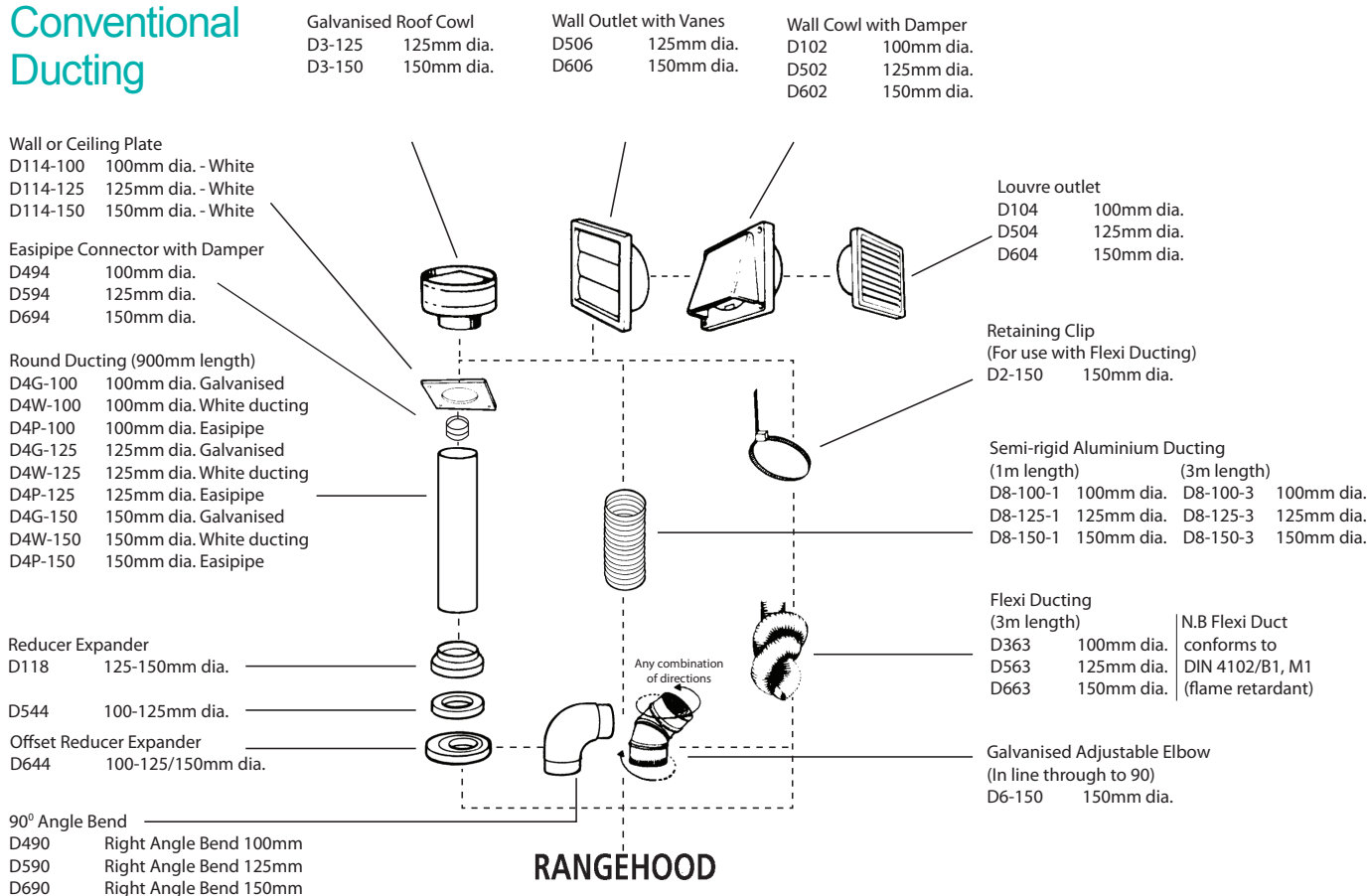
TPC-AT 160
RBOX, RCAN, T4-12LOW, T4-11GLA, T4-11GLA-6, T2-6HA, RTEL, RLOW, RLCD, T7-6S-3, T7-9S-3

Key Ducting Components

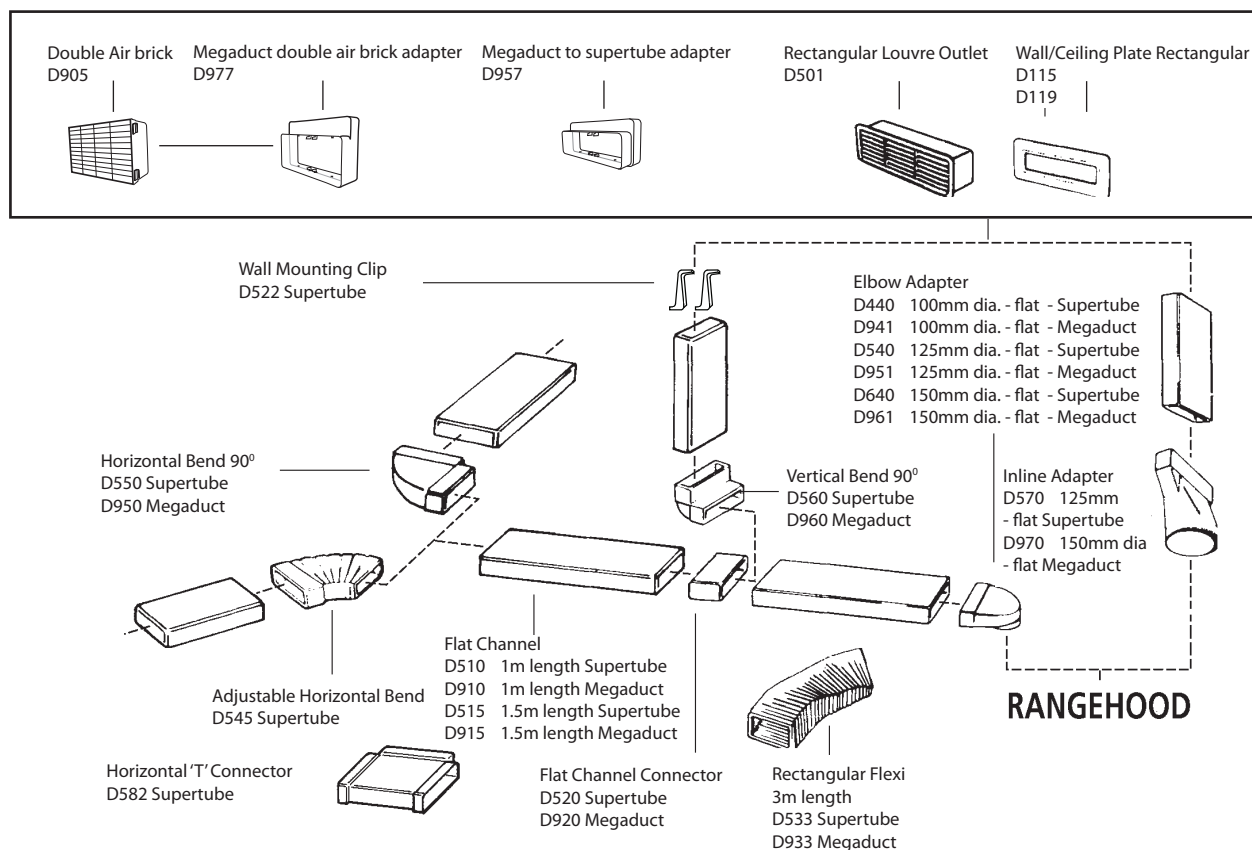
Here you will find two diagrams demonstrating various components as they make a ducting path from your rangehood.

One is based on conventional ducting components and the other is based on Supertube and Megaduct Flat Channel.

Conventional Ducting



Supertube 204X60mm & Megaduct 220X90mm Flat Channel Ducting



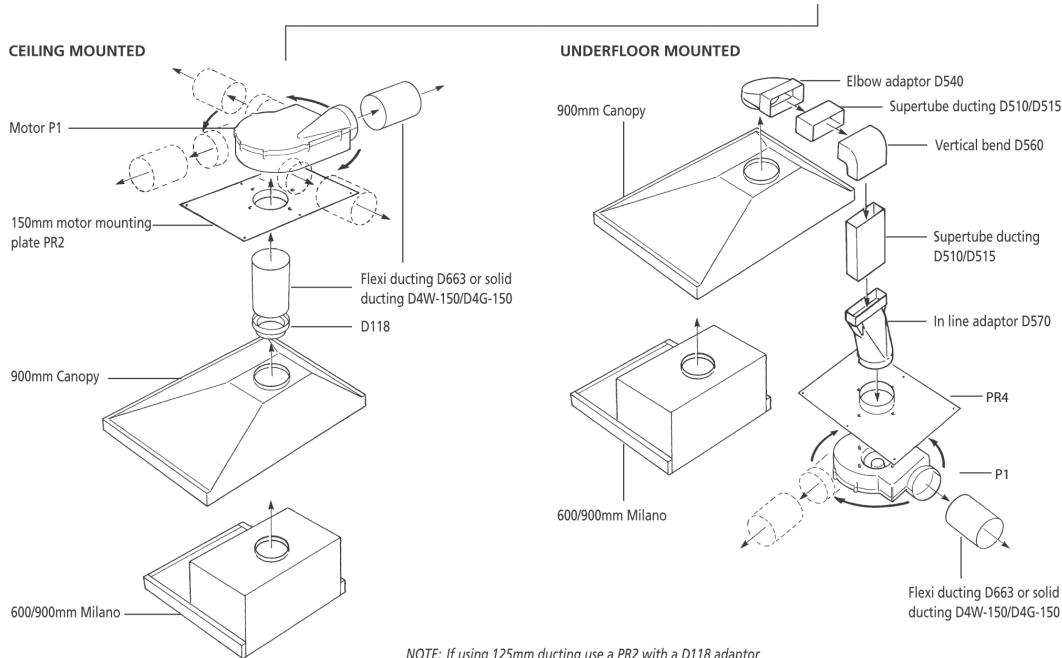
Remote Motoring Options

Remote motoring is a fantastic way of reducing extractor noise while retaining excellent airflow. Not available on all Parmco canopies

and rangehoods. This specialist procedure comprises of some key changes to your extractor's make-up.

Refer to the following as a guide only. Visit the Parmco Appliances website www.parmco.co.nz for more information.

Remote Mounting for Increased Airflow and Reduced Fan Noise



NOTE: If using 125mm ducting use a PR2 with a D118 adaptor

High airflow and low pressure loss characteristics make Supertube and Megaduct ideal ducting systems.

Slim construction allows Supertube fitment into wall cavities and for along the top of cupboards (204mm x 60mm).

Supertube and Megaduct are highly recommended ducting systems designed to achieve maximum performance from rangehood or other appliances needing venting.

All Supertube and Megaduct ducting conforms to DIN 4102/ B1, M1 (flame retardant).

The range of ducting is being continually monitored and added to, especially in response to customer demand.

Please contact us if you have a ducting requirement not listed above and we will try to help.

Example; Remote Motor Milano

Includes rangehood shell and motor for mounting, ducting not included

Motor is mounted away from the intake

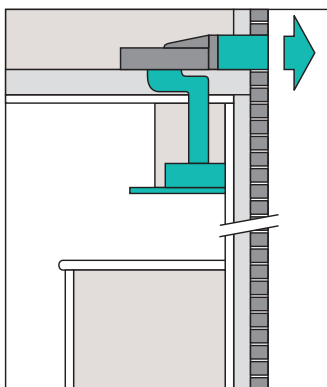
Unique design incorporates Downdraft motor technology

3 speed operation

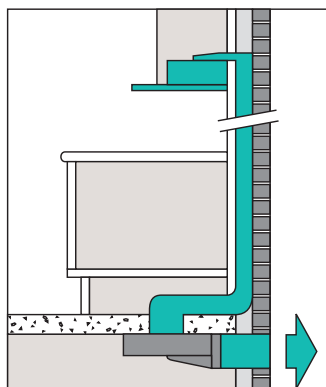
600mm and 900mm widths

Note: When remote motoring there are two different motor options available. The P1 motor is capable of extracting 750m³/hour. The P1-9-1 motor is capable of extracting 1000m³/hour. Please specify which motor you require when ordering.

Two examples of the many ducting alternatives available



Ceiling remote mounted motor.



Underfloor remote mounted motor.

Ducting Component List

Below you will find a list of Parmco ducting components with the corresponding Parmco Code.

These components are designed to integrate with Parmco's other key ducting components (on pg 57) to complete your ducting solution.

While the majority of ducting components available in the market today are fundamentally similar in make, it is important to remember that it is not recommended you attempt to use other manufacturers' ducting components in combination with Parmco's range. These items are designed to run with Parmco's ducting components only. If in doubt, visit the Parmco website for more information.

New ducting components and options are coming up all the time. The most current ducting information available is on the Parmco Appliances website.

Visit www.parmco.co.nz to review Parmco's full current range as well as more information about getting the most out of your Parmco Appliances extractor.

CODE	DESCRIPTION
• Supertube 204mmx60mm	
D510	Flat Channel 1.0 length
D515	Flat Channel 1.5 length
D520	Flat Connector
D440	Elbow Bend to 100mm
D550	Horizontal Bend
D540	Elbow Adapter to 125mm
D560	Vertical Bend
D640	Elbow Adapter to 150mm
D570	Inline to round adaptor - 125mm
D115	Wall Ceiling Plate
D501	Louvre Outlet
D533	Flexiduct 3m Length
D522	Wall mounting clips
D545	Adjustable Horizontal Bend
D582	Horizontal T Connector
• Megaduct 220mmx90mm	
D905	Double Air-brick
D957	Adaptor from Supertube to Megaduct
D977	Air-brick Adaptor
D910	Flat Channel 1.0 length
D915	Flat Channel 1.5 length
D920	Flat Connector
D941	Elbow Bend to 100mm
D950	Horizontal Bend
D951	Elbow Adapter to 125mm
D960	Vertical Bend
D961	Elbow Adapter to 150mm
D970	Inline to round adaptor - 150mm
D933	Megaduct Flexiduct 3 metre
D119	Wall/Ceiling Plate Megaduct

CODE	DESCRIPTION
• Flexi Ducting (3m length)	
D363	100mm Flexiduct (flame retardant)
D563	125mm Flexiduct (flame retardant)
D663	150mm Flexiduct (flame retardant)
• Reducer Expander	
D118	150mm - 125 dia. white
D544	100mm - 125mm dia. white
D644	100 - 125/150 dia. offset adaptor white
• Wall/Ceiling Plate (Plastic - White only)	
D114-100	100mm Wall/Ceiling Plate
D114-125	125mm Wall/Ceiling Plate
D114-150	150mm Wall/Ceiling Plate

CODE	DESCRIPTION
• Outlets	
D100	100mm Wall Outlet with vanes
D102	100mm Wall Cowl with damper
D104	100mm Louvre Outlet with insect screen
D502	125mm Wall Cowl with damper
D504	125mm Louvre Outlet with insect screen
D506	125mm Wall Outlet with vanes
D602	150mm Wall Cowl with damper
D604	150mm Louvre Outlet with insect screen
D606	150mm Wall Outlet with vanes

CODE	DESCRIPTION
• Adjustable Elbows (Galvanised only)	
D6-150	150mm dia. (Galvanised)
• 90° Angle Bend (Plastic, white)	
D490	Right Angle Bend 100mm
D590	Right Angle Bend 125mm
D690	Right Angle Bend 150mm
• Easipipe Connector with Damper	
D494	100mm dia.
D594	125mm dia.
D694	150mm dia.
• Round Ducting (900mm length)	
D4G-100	100mm Galvanised Ducting
D4W-100	100mm - Painted Ducting - white only
D4P-100	100mm Easipipe
D4G-125	125mm Galvanised Ducting
D4W-125	125mm Painted Ducting - white only
D4P-125	125mm Easipipe
D4G-150	150mm Galvanised Ducting
D4W-150	150mm Painted Ducting - white only
D4P-150	150mm Easipipe
• Semi-rigid Aluminium Ducting	
D8-100-1	100mm Semi-rigid Ducting 1m length
D8-125-1	125mm Semi-rigid Ducting 1m length
D8-150-1	150mm Semi-rigid Ducting 1m length
D8-100-3	100mm Semi-rigid Ducting 3m length
D8-125-3	125mm Semi-rigid Ducting 3m length
D8-150-3	150mm Semi-rigid Ducting 3m length
D8-100JOIN	100mm Joiner for Semi-rigid Ducting
D8-125JOIN	125mm Joiner for Semi-rigid Ducting
D8-150JOIN	150mm Joiner for Semi-rigid Ducting
• Retaining Clip (for Flexiduct)	
D2-150	Retaining Clip (Suitable for 150mm)

Note: Megaduct requires 97mm finished wall cavity if there are joins in the Megaducting run. If there are no joins a 90mm cavity can be used.