

Installation and Operating Instructions

Models:

In-bench 600mm

In-wall 600mm

In-wall 900mm

Side Riser 600mm

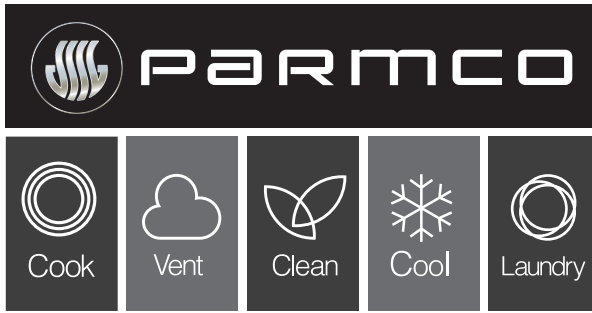
Rear Riser 600mm

Rear Riser 900mm

down draft

As part of Parmco Appliances commitment to improving and updating product ranges, we reserve the right to alter, change and update technical specifications and appearance attributes of all Parmco Appliances products. E&OE.

727626032017



p: 09 573 5678
f: 09 573 5699
e: sales@parmco.co.nz
w: www.parmco.co.nz

Parmco Appliances *extended 7 year* *warranty*

The Warranty:

- This appliance is intended for domestic use in the owners' home. Use of the appliance for commercial purposes will limit the warranty period (please see Parmco website for commercial details).
- Subject to the terms and conditions contained within this warranty, if the product is not of Acceptable Quality (as defined in the Consumer Guarantees Act) within 7 years of the date of original purchase, then Parmco Sales undertakes to repair or, at its sole discretion, replace the product.
- The warranty does not cover the costs of transport, mileage or travelling time if the product is located beyond 30km of a recognised Service Agent.
- This warranty is offered as an extra benefit, and does not affect other legal rights, which can not be modified or excluded by agreement.
- This warranty only applies to goods supplied and installed in the North and South Islands of New Zealand.
- The provisions of this warranty are in addition to the rights and remedies available to consumers under the Consumer Guarantees Act 1993.

Product _____ Date of purchase _____
Serial Number _____
Dealer / Retailers Name _____

Please retain this Warranty card together with receipt or other proof of purchase date when seeking service during the warranty period

Please contact Parmco at 09 573 5678 if your appliance needs servicing under warranty. Please have your model number and proof of purchase ready. Warranty repairs must be authorized by Parmco.



The Warranty is not valid:

- If the product is not installed and operated in accordance with the operating instructions.
- If the product is not installed to comply with the electrical, gas, plumbing and other Regulations and Codes of Practice in New Zealand.
- If the product is operated on voltages or frequencies outside the normal range for domestic appliances in New Zealand.
- If the product is not used in normal domestic use, or if it is used in a business as defined in the Consumer Guarantees Act.
- If any serial number has been removed or defaced.
- If proof of date of purchase is not supplied, except at the sole discretion of Parmco Sales. Proof of purchase can be for the product itself, or if installed with a kitchen or house then proof of purchase can be from a Parmco reseller of products supplied by Parmco.
- If the products are purchased in a second hand condition from other parties (including but not limited to TradeMe, Sella, etc.)

Liability under this warranty will not be accepted for:

- Wear and tear caused by normal domestic use of the product.
- Damage in transport.
- Damage caused to the product by neglect, abuse, negligence, wilful act or misuse.
- Any costs associated with the repair, replacement, removal or reinstallation of products installed in a damaged condition.
- Any defect caused by accident, misuse, neglect, tampering with or unauthorised modifications of the appliance or any attempt at internal adjustment or repair by any person other than an Authorised Service Agent.
- Service calls that relate principally to the following:
 - Instruction on how to use the product.
 - Repair or replacement of house fuses, electrical wiring, gas fitting or plumbing.
 - Normal or scheduled maintenance including blocked filters or ducting.
 - Consumable items such as light bulbs.
 - Any damage to hobs caused by spills when cooking.
 - Any breakage or damage of glass items.
 - Any damage caused by non recommended product used for cleaning, maintaining, lubricating or similar.
 - Any aspect relating to the installation of the product, or damage caused during installation including blocked access for repair.
 - Any third party (including reseller) or consequential loss or damage (direct or indirect) however arising.



Dear Valued Customer,

Thank you and congratulations on purchasing your new Parmco appliance.

All Parmco products are made to the highest quality and design standards. We are sure you will enjoy your new appliance.

As a note, please read through these instructions carefully, as these will assist you in gaining a complete understanding of the functions and features offered by your appliance.

Please take special note of all detailed technical information and installation instructions. It is essential that you only allow a qualified technician to install this appliance to ensure the safety and reliability of this appliance.

Furthermore, not using appropriate personnel to install this appliance may affect any future warranty claims lodged, so please check with Parmco Appliances before any installation is carried out.

We hope you enjoy your new appliance. If you would like to find out more about this product or any other products in Parmco's extensive range, visit us on the web at www.parmco.co.nz.

Regards,
The Parmco Team



INDEX

	PAGE
Important Safety Information	2
Before using this appliance	3
Before Installation	4
Ducting Requirements	5
Motor Mounting	6
Installation	6
In-bench without controls	6
In-bench with controls	7
Side Riser	7
Rear Riser	8
In-wall 600mm and 900mm	13
Changing from P1 to P1-9-1 motor	15
Electrical Connection	16
Use and Care	17
Technical Specifications	19

IMPORTANT SAFETY INFORMATION

For best performance and to extend the life of your appliance we recommend that you read the instructions in this owners manual thoroughly before using your new appliance. It will provide you with all the information you need to ensure its safe installation, proper use and maintenance. Retain this owners manual for future reference.

To maintain the efficiency and safety of this appliance we recommend the following:



BEFORE USING THIS APPLIANCE

- This appliance is designed for non-commercial, household use only and must not be altered in any way.
- This appliance can only be used safely when it is correctly connected to an efficient earthing system in compliance with New Zealand Electrical Standards requirements.
- Before maintenance or cleaning, always ensure that the appliance is disconnected from the mains.
- Packaging items such as plastic bags, polystyrene, etc. that this appliance is delivered in are potentially dangerous, and therefore appropriate measures must be taken to prevent children from coming into contact with them.
- This appliance must only be used by adults. Make sure that children do not touch the controls or play with the appliance. Young children should be supervised to ensure they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of this appliance by a person responsible for their safety.
- The exposed parts of this appliance may heat up during the cooking process and remain hot for some time afterwards, even after it has been switched off. Keep children well away during operation and while the unit is cooling down. **CAUTION:** Accessible parts may become hot when used with cooking appliances.
- Keep the appliance thoroughly cleaned. Food residues may cause fire risks. There is a fire risk if cleaning is not carried out in accordance with the instructions.
- DO NOT use a steam cleaner to clean this appliance.
- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the appliance as they can scratch the surface and prematurely remove graphics.
- After using the appliance, please ensure that all controls are in the “OFF” position.
- Avoid improper or dangerous use of this appliance.
- Do not obstruct the ventilation or slots.
- Do not allow power cables of other appliances to come into contact with hot parts of this appliance.
- This appliance is intended for indoor use only. Avoid exposing the appliance to atmospheric elements such as direct sunlight and rain.
- For any enquiries, please contact Parmco Appliances (09) 573 5678.

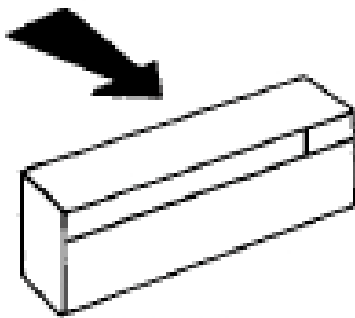


IMPORTANT

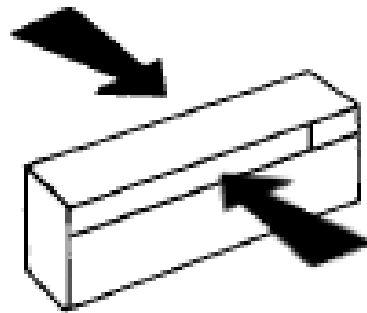
When the in-bench Downdraft is placed next to a gas hob, the unit must never be operated unless the flame deflector is in place.

The flame deflector is available in single and double sided options. Please refer to the pictures below.

IN-BENCH



PP4SS-1
Single sided gas
flame deflector



PP4SS-2
Double sided gas
flame deflector

BEFORE INSTALLATION

Important:



- The downdraft can only be used for venting exhaust gas and fumes outside, and is not suitable for recirculating.
- **The intake should not be positioned next to gas appliances without special precautions.**
- The Downdraft is not a fire rated appliance.
- Its surrounding surfaces must not exceed 80 degrees centigrade.
- Flame must never be allowed to enter the intake to the Downdraft.
- **Never put a hand or other object into the air intake or exhaust of motor unit when the power is connected.**

• DUCTING REQUIREMENTS

General Ducting Requirements

Ducting components required to duct the exhaust air to the outside

- Only use ducting suitable for the venting of kitchen exhaust gas and fumes. Parmco Appliances have a comprehensive range of ducting components available.
- For optimum efficiency, ensure the use of:
 - short smooth exhaust pipe
 - as few pipe bends as possible
 - pipe diameters of 150mm
- There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room).
- As a rule of thumb, each 90 degree bend is equivalent to about 5 metres of smooth bore ducting. Flexible ducting or ducting that does not have a smooth bore should be used with care due to the adverse effect on airflow performance.
- For optimum efficiency, total ducting length including bends and allowance for ducting not having a smooth bore should not be more than the equivalent of 15 metres of 150mm diameter or larger diameter ducting.

Return Air Flow

- The Parmco Downdraft is designed to remove large amounts of air from the kitchen. For it to operate efficiently, air must be allowed to enter the kitchen area from the outside.
- In some situations, additional ducting may have to be installed to allow the flow of this Return Air back into the kitchen.

Special Requirements

- The exhaust air must not be discharged into an operating smoke or exhaust flue, or into a shaft used for ventilating rooms in which fireplaces are located. The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room).
- The requirements of the authorities concerned have to be observed for discharging air through smoke or exhaust flues not in use.
- When the Downdraft is operated at the same time as chimney dependent fire installations are used (eg. gas, oil or coal fired heating systems, continuous heaters or hot water boilers) provision must be made for an adequate supply of air which the fire installations require for combustion.
 - Harmless operation is possible if the under pressure in the room where the fireplace is installed does not exceed 4Pa (0.04 mbar).
 - This can be achieved if the combustion air can flow through non closable openings such as in doors, windows, intake/exhaust wall boxes.



NOTE: In assessing this possibility, the entire combined ventilation of the home must be taken into consideration. This rule does not apply for operation of cooking appliances such as cooking tops and gas cookers.

The pertinent regulations or guidelines of the country must be observed.

MOTOR MOUNTING

Bench mount units (In-bench, side riser and rear riser)

The motor can be positioned on either side of the airbox with the outlet to the rear or facing downwards.

In Wall units

- The motor must be mounted remote from the airbox/air intake. Refer to Technical section of this manual for various options.
- Ducting is required from the airbox to the motor, and discharged to the outside at the most convenient point.

INSTALLATION

IN-BENCH WITHOUT CONTROLS

General Instructions

- The airbox is symmetrical and can be mounted with the motor on either side.
- The airbox is designed to be supported at the sides, and three mounting holes are available on each side.
- **The intake must not be next to a gas hob unless the Gas Flame Deflector is used when the Downdraft is being operated.**

Specific Electrical Requirements

The Downdraft unit can be operated through a simple on/off switch in the wall above the unit and a 3 pin socket under the bench to get power supply to the motor OR a variable control such as fan dimmer in the wall and a 3 pin socket under the bench.

Cut Out Dimensions

Cut out for the **In-Bench Downdraft without Controls** should be 410mm x 85mm.

Detailed Instructions

- Centre the Downdraft position alongside the hob. Mark the position on the benchtop and cut out.
- The airbox is symmetrical, and should be installed with the motor hole on the required side.
- Install the airbox in the cut out and secure with the screws provided.
- Fit the surround on top of the airbox and secure to the airbox with the screws provided.
- Mount the Motor on the side of the airbox and do up the 4 nuts working down through the top of the Downdraft ensuring the air seal is complete.
- Fit the exhaust Ducting either to the rear out the wall or down through the floor.

- The Downdraft can be installed with the motor mounted remote (in another position) using Parmco's mounting and ducting accessories.
- If the Motor is mounted remotely, a power supply from the control switch is required at that place.
- Fit the Grille into the Surround.
- Plug the motor into the power socket.

IN-BENCH WITH CONTROLS

Power Supply

A conventional 3 pin power out let should be provided under the bench to supply power to this unit

Cut Out Dimensions

Cut out for the **In-Bench Downdraft With Controls** should be 475mm x 114mm.

Detailed Instructions

- Mark out the cut out and cut the bench to the appropriate size.
- Install the Surround Carrier into the cut out and secure.
- The Airbox is symmetrical, and should be installed in the bench with the motor hole on the required side and to the rear of the Carrier.
- Place the top Surround on top of the Airbox and secure to the Airbox by means of two screws provided.
- Mount the Motor on the airbox and do up the 4 nuts working down through the top of the Downdraft ensuring that the air seal is complete.
- **The Downdraft can be installed with the motor mounted remote (in another position) using Parmco's mounting and ducting accessories.**
- Fit the Grille into place in the Surround.
- Vent the Downdraft either to the rear or through the floor.
- Plug the Downdraft Motor into the socket on the speed controller and the Power lead into the power outlet.

SIDE RISER

Specific Electrical Requirements

A conventional 3 pin wall mounted power outlet under the bench is all that is required.

Parts Supplied

- Airbox mounted on the bench. Needs to be fully supported at both ends.
- Riser column which rises above the bench when activated.
- Surround (hides the cut out in the bench).

The cover plate/s on the airbox must be removed before attaching the motor.

- Motor unit can be mounted on either side of the airbox or remote mounted using Parmco's mounting and ducting accessories.
- Air Intake Cap.
- Single intake - strongly recommended when all the cooking is done to one side of the Downdraft, i.e. when installed adjacent to a 600mm hob.
- Double intake - where the air can come in both sides of the Downdraft, i.e. when installed between Parmco Domino units.

Prior to Making the Cut Out in the Bench

- Determine the position of the airbox and surround on the benchtop. Finished size on bench is 500mm x 122mm.
- Determine which side the motor should be fastened to the airbox.
- Note that this will influence ducting requirements.
- Pipes, nogs or other material in any walls or floor may have to be cut to accommodate the ducting.

Cut Out Dimensions

Cut out for the **Side Riser Downdraft** should be 472mm x 96mm.

REAR RISER

General Instructions

This unit can be fitted as follows:

- Adjacent to a 600mm Parmco gas/electric hob - (excluding ceramic).
 - When being placed next to gas hobs, a 75mm wide space between the hob and the downdraft unit is sufficient space for a wok or large frying pan to sit on the burner without interfering with the operation of the Parmco Riser Downdraft.
- Adjacent to any brand of hob (including Parmco ceramic) - with a gap between the hob and Parmco Riser Downdraft.
- For Model P2R-3SS ensure if any air intake is not in use, it must be covered by its original cover plate.

Specific Electrical Requirements

- A conventional 3 pin wall mounted power outlet under the bench is all that is required.
- ***The cover plate/s on the airbox must be removed before attaching the motor.***
- Motor unit can be mounted on either side of the airbox or remote mounted using Parmco's mounting and ducting accessories.
- Air Intake Cap.
- Single intake - strongly recommended when all the cooking is done to one side of the Downdraft, i.e. when installed adjacent to a 600mm hob.
- Double intake - where the air can come in both sides of the Downdraft, i.e. when installed between Parmco Domino units.

When connecting the riser motor plug, double layered heat shrink (supplied) must be inserted over the plug connections and cable tied at each end. Heat must be applied to the heat shrink to allow it to form to the cable and plug fitting firmly. Heat shrink must also be fitted right up to the motor casing covering the rubber bushing as per photo.



Prior to Making the Cut Out In The Bench

- Determine the position of the airbox and surround on the benchtop. Finished size of the unit on bench is 500mm x 122mm.
- Determine which side the motor should be fastened to the airbox.
- Note that this will influence ducting requirements.
- Pipes, noggs or other material in any walls or floor may have to be cut to accommodate the ducting.

Cut Out Dimensions

The cut out is dependent on the type of installations as follows.

Installed On Its Own

- Bench cut out is 554mm x 84mm for 600mm.
- Bench cut out is 834mm x 84mm for 900mm.
- Parmco Riser Downdraft must be supported at both ends of the unit.
- If installed against a cabinet side, cut out must be 475mm x 100mm as side cover cannot be removed to mount motor (motor bolts are done up from inside riser column).

When placed directly adjacent to the rear of the cooking hob.



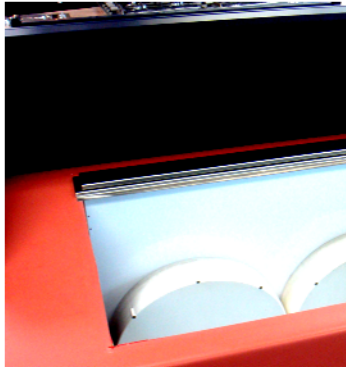
ONE CUT OUT HOLE IS REQUIRED IN THE BENCHTOP FOR BOTH THE HOB & THE REAR RISER. **DO NOT CREATE A SEPARATE CUT OUT FOR EACH.**

The depth of the overall cut out should equal to: Rear Riser cut out depth + your Hob cut out depth.

Cut Out Dimensions to allow for the Rear Riser

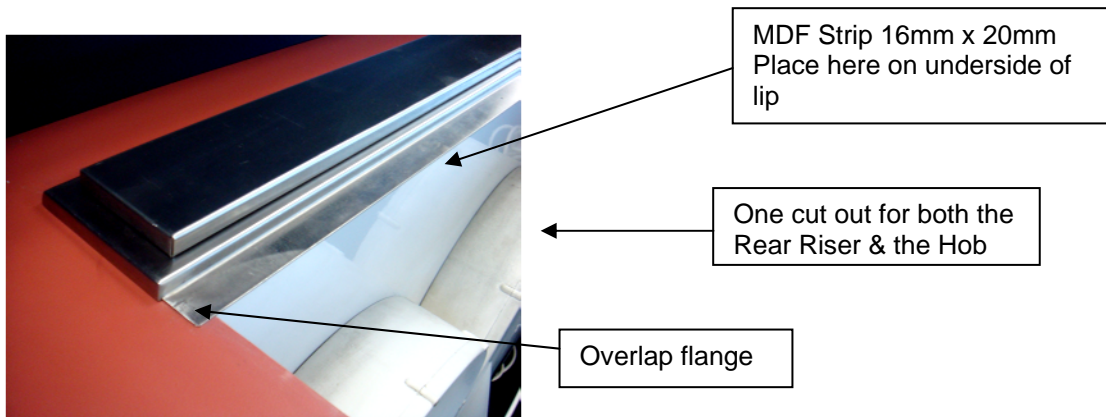
600mm Rear Riser - Depth 85mm Width 550mm

900mm Rear Riser - Depth 85mm Width 830mm



RISER & HOB

REAR RISER IS SUSPENDED INTO THE CAVITY & SITS FIRMLY AGAINST THE BACK OF THE CUT OUT.



THE BACK EDGE OF THE HOB SITS ON TOP OF THE OVERLAP LIP.



Hob is placed on top of the lip

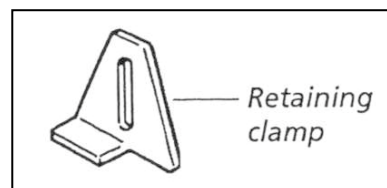
The cooktop can now be mounted into the bench cut out with the back edge of the cooktop sitting over the flange on the surround, with cooktop pushed back as far as it will go. There will be a gap of approx 5mm between the edge of the cooktop and the Downdraft unit.

- Secure the front of the cooktop to the bench using the clamps supplied.
- Place the 16mm x 20mm piece of MDF along the underside of the Downdraft flange and secure it in place with the rear clamps for the cooktop. This will ensure the Downdraft unit and cooktop are secured together.

Installation P2R-2SS (600mm Rear Riser)

Place the airbox into the bench cut out:

- Depending on the position of the airbox, the motors may be attached at this time.
- Fasten the airbox onto the bench using clips supplied.
- The Parmco rear riser is designed to be fitted into a bench with a thickness of 26mm – 55mm.
- For a bench 55mm – 75mm thick, undo the retaining clamps and re-attach them to the lower holes.
- Fasten the motors to the airbox in the correct orientation as required.
- Motors can be attached to the airbox as follows:
 1. Remove the cover plate on the side of the Airbox.
 2. Undo the motor mounting nuts.



This unit fitted only in the bench behind the cooktop usually between the wall and cooktop. It can also be used in an island cooktop situation.

Airbox Motor Mounting

Position the motors in their correct orientation on the desired side of the airbox, and rotate them so that they are on either side of the airbox with the exhaust facing downwards.

OR

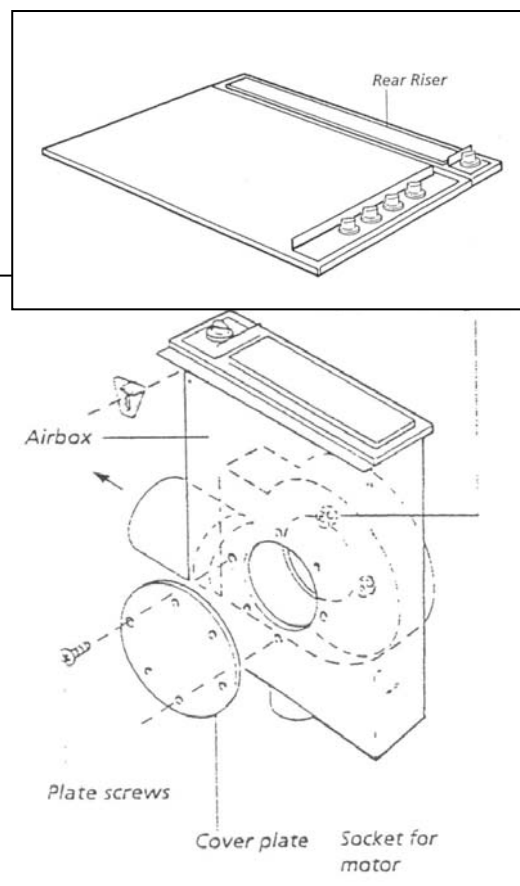
The exhaust outlets are directed sideways from either side of the airbox.

THEN

Firmly tighten the motor mounting nuts ensuring that there is a good air seal between the motors and airbox.

FINALLY

Re-fasten the cover plates to the airbox and plug the motors into the socket on the front side of the airbox.



HOW TO WORK OUT THE CUT OUT SIZE (for 600mm Rear Riser)

In every application the Rear Riser Downdraft and cooktop cut outs are combined into a single cut out.

EXAMPLE	Cooktop	500mm x 580mm
	Rear Riser	85mm x 580mm
	<u>Total overall</u>	<u>585mm x 580mm</u>
	Less overlap allowance	20mm
	<u>Total cut out required</u>	<u>565mm x 580mm</u>

Please note this is an example only and all calculations should be carried out onsite by skilled professionals before any cut out is made to the benchtop.

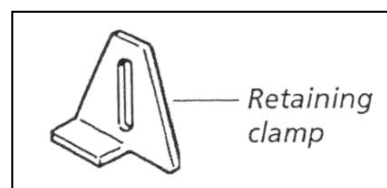
**WARNING:**

Please ensure that the power is switched off before plugging the unit in as the fan blades can rotate

Installation P2R-3SS (900mm Rear Riser)

Place the airbox into the bench cut out:

- Depending on the position of the airbox, the motors may be attached at this time.
- Fasten the airbox onto the bench using clips supplied.
- The Parmco rear riser is designed to be fitted into a bench with a thickness of 26mm – 55mm.
- For a bench 55mm – 75mm thick, undo the retaining clamps and re-attach them to the lower holes.
- Fasten the motors to the airbox in the correct orientation as required.
- Motors can be attached to the airbox as follows:
 - Remove the cover plate on the side of the airbox.
 - Undo the motor mounting nuts.



This unit fitted only in the bench behind the cooktop usually between the wall and cooktop. It can also be used in an island cooktop situation.

Airbox Motor Mounting

Position the motors in their correct orientation on the desired side of the airbox, and rotate them so that they are on either side of the airbox with the exhaust facing downwards.

OR

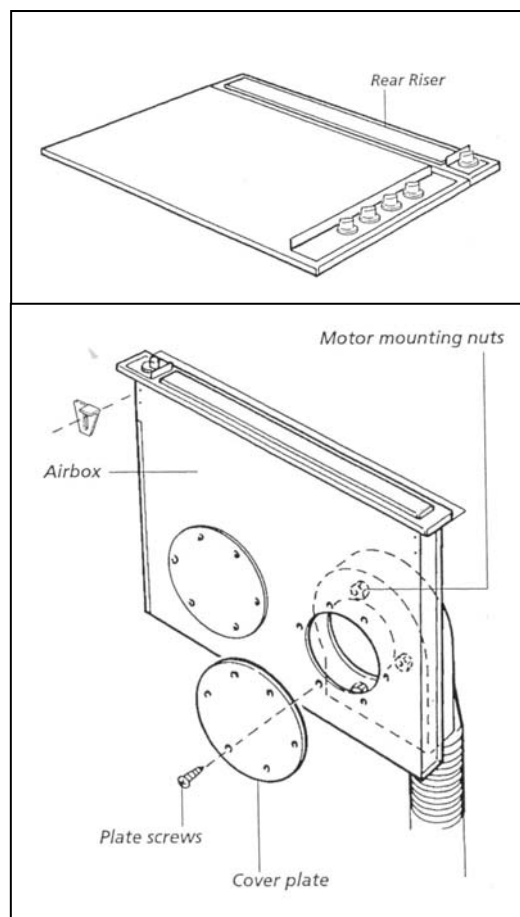
The exhaust outlets are directed sideways from either side of the airbox.

THEN

Firmly tighten the motor mounting nuts ensuring that there is a good air seal between the motors and airbox.

FINALLY

Re-fasten the cover plates to the airbox and plug the motors into the socket on the front side of the airbox.



The cooktop can now be mounted into the bench cut out with the back edge of the cooktop sitting over the flange on the surround, with cooktop pushed back as far as it will go. There will be a gap of approx 5mm between the edge of the cooktop and the Downdraft unit.

- Secure the front of the cooktop to the bench using the clamps supplied.
- Place the 16mm x 20mm piece of MDF along the underside of the Downdraft flange and secure it in place with the rear clamps for the cooktop. This will ensure the Downdraft unit and cooktop are secured together.

HOW TO WORK OUT THE CUTOUT SIZE (for 900mm Rear Riser)

In every application the Rear Riser Downdraft and cooktop cutouts are combined into a single cutout.

EXAMPLE	Cooktop	500mm x 860mm
	Rear Riser	85mm x 860mm
	<u>Total overall</u>	<u>585mm x 860mm</u>
	Less overlap allowance	20mm
	<u>Total cutout required</u>	<u>565mm x 860mm</u>

Please note this is an example only and all calculations should be carried out onsite by skilled professionals before any cut out is made to the benchtop.



WARNING:

Please ensure that the power is switched off before plugging the unit in as the fan blades can rotate.

IN WALL 600mm and 900mm

Power Supply

The In-Wall Downdraft can be operated with a on/off switch in the wall or a simple variable control, i.e. Fan Dimmer and power supplied to a convenient place to supply power to the motor.

Detailed Instructions

- The In-Wall Downdraft motor is always mounted remote from the airbox.
- When installing the In-Wall Downdraft in an existing kitchen, the wall lining will need to be removed.
- The airbox should be centred behind the cooktop and installed between wall studs and secured to a horizontal noggin or dwang.
- **The optimum fitted height of the airbox is 250-300mm above the benchtop to the bottom of the intake opening.**

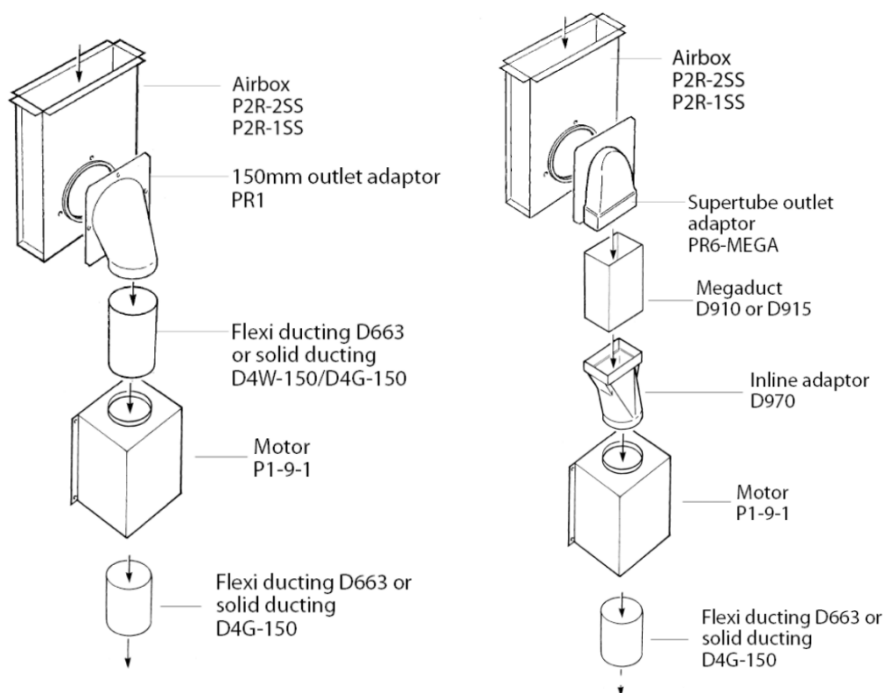
Cut Out Dimensions

600mm In-wall -	Height	300mm	Width	408mm
900mm In-wall -	Height	278mm	Width	784mm

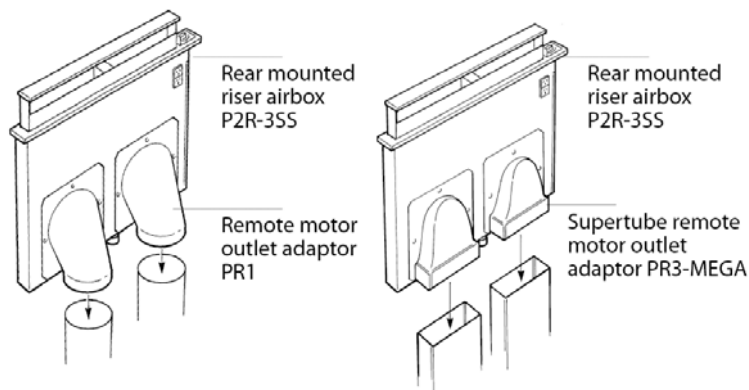
- When installed behind a gas hob, the airbox should be positioned so that the bottom of the intake is at a minimum height of **150mm** above the hob to prevent the gas flame being drawn into the intake. For optimum performance install higher, as above.
- When installed behind an electric hob, the airbox should be installed as for gas but, can be positioned so that the bottom of the intake surround is at bench level. However for optimum performance it should be installed 250-300mm above the bench.
- The air box should be connected to the motor using Supertube and all joints sealed with duct tape to prevent air leaks.
- To install Supertube the wall noggins or dwangs will need to be checked out 60mm to allow flush fitting before the wall lining is fitted. Alternatively, the nogs can be removed and the airbox can be framed as for a window and ducting can be mounted between “jack” studs.
- Ducting required for this unit is Supertube and must be sealed to the airbox using Parmco duct tape. Ensure that all joins in the suction side of the Motor are sealed.
- If it is necessary to use flexi-duct in this connection, care should be taken not to damage or cut the flexi-duct inside the wall.
- The wall lining fits in behind the flange on the front of the air-box.
- Ducting from wall ducting to the motor can then be installed ensuring all joints are sealed.
- If a splash back is to be installed, the Grille & Surround will need to be cut into the splash back and the Surround should be supplied before the cut is made.

CHANGING FROM P1 to P1-9-1 MOTOR

600mm Rear Riser/600mm Side Riser



900mm Remote Riser



Cut Out Dimensions

If the Motor P1-9-1 is going to be remotely mounted to the floor, there needs to be a minimum clearance of 10mm width on each side and 10mm height between the enclosure of the motor and surrounding structures.

ELECTRICAL CONNECTION



Downdraft units must be installed in full accordance with the New Zealand Electrical Standards regulations. Any Local electrical authority regulations must be observed when fitting this appliance.

WARNING: THIS APPLIANCE MUST BE EARTHED

The wires in the mains lead are coloured in accordance with the following code:

- Green & Yellow - Earth
- Blue - Neutral
- Brown - Live

For plug in connection

An electrical plug is fitted as standard to all downdraft systems. It can be plugged into any normal household supply complying with the Electrical Data requirements specified. Please refer to specific instructions to connect each type of Downdraft.

- The Downdraft may only be connected to a properly installed socket with non-fused earth contact.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

For fixed connection

Connection must be carried out by a registered electrician.

- Ensure that the existing voltage and mains frequency is the same as listed on the label.
- A separator must be provided on the installation side. Switches with a contact opening of more than 3mm that switch off all poles are regarded as separators, including on-load switches and contactors.

Electrical Data

P1 MOTOR

Length of connecting cable: 1.5m
Power consumption: 80 watts per fan motor

An additional 50 watts when the riser unit is moving up/down

Supply voltage: 220 to 240 volts AC at 50 Hz
This appliance satisfies the EC regulations for radio screening.

P1-9 MOTOR

Length of connecting cable: 1.5m
Power consumption: 400 watts for the HT motor used in the 900 in-wall unit
Supply voltage: 220 to 240 volts AC at 50 Hz

This appliance satisfies the EC regulations for radio screening.



Before undertaking any repairs, the appliance must always be disconnected from the mains.

USE AND CARE

- Disconnect power supply before cleaning.
- Frequently remove and clean the grease filter.
- Do not use corrosive, alkali or alcohol based cleaners.
- Never operate the unit without a filter in place.

Filters

The aluminium mesh filter can be cleaned in a dishwasher or with hot soapy water. **Do not use caustic or alkali cleaners.**

Filter Removal

For the Parmco Downdraft with or without speed control

- Remove the grill at the top of the air intake.
- Rotate the clip holding the filter in place.
- Carefully remove the aluminium mesh filter.

For the Parmco Riser Downdraft

- Turn the control switch on to make the column rise up from the bench.
- Turn the Downdraft off at the wall switch - riser will remain in an upright position.
- Remove the top cap.
- Carefully remove the aluminium mesh filter.

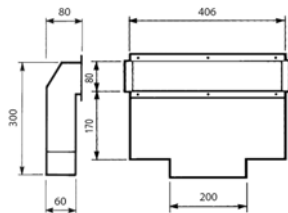
Removal from the benchtop

- Disconnect the electrical connection. If the unit is plugged in, remove the plug. If the unit is a fixed connection, removal may only be carried out by a suitably qualified electrician
- Disconnect the ducting connections.
- Work through the installation instructions in reverse.
- Remove the Downdraft unit taking care not to damage the surrounding appliances or bench.

TECHNICAL SPECIFICATIONS

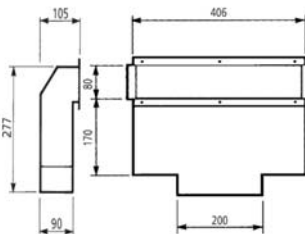
Downdraft specifications:

In-Wall 600mm
P2WALL
P1 MOTOR



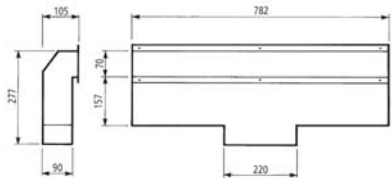
Outlet designed for Supertube

In-Wall 600mm Mega
P2WALL-MEGA
P1-9 MOTOR



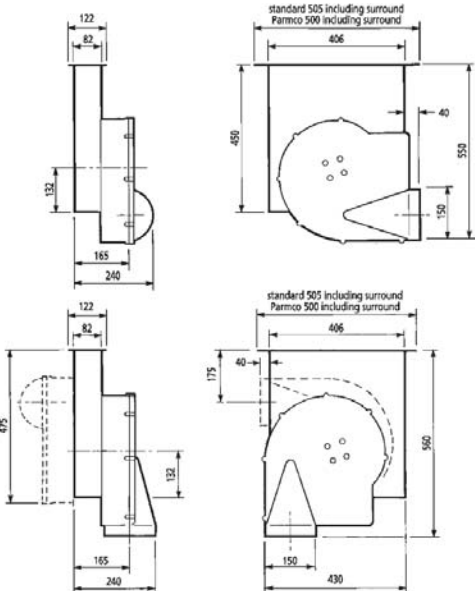
Outlet designed for Megaduct

In-Wall 900mm
P2W-9
P1-9 MOTOR

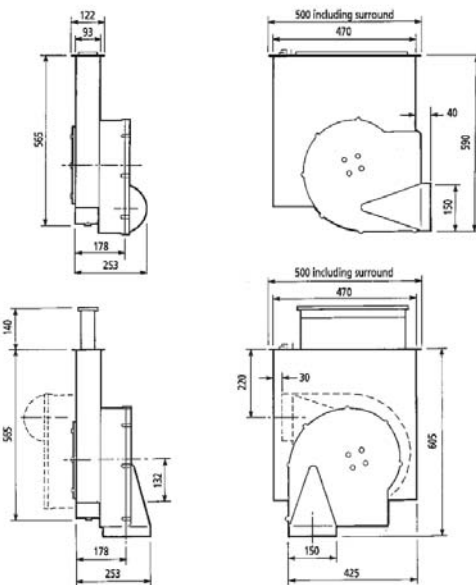


The 900mm Inwall Downdraft airbox must be framed as for a window.
Outlet designed for megaduct

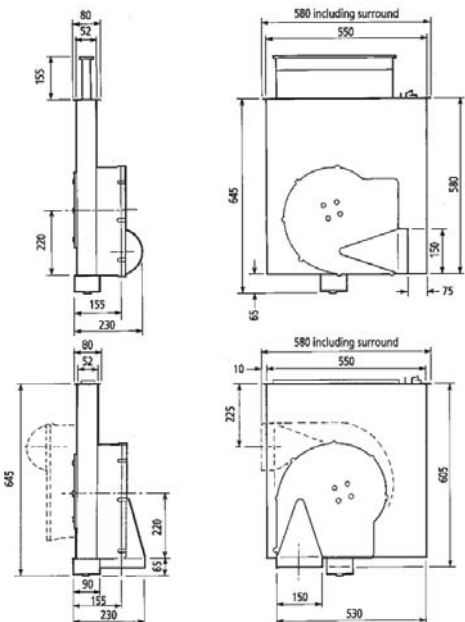
Standard In-Bench P2



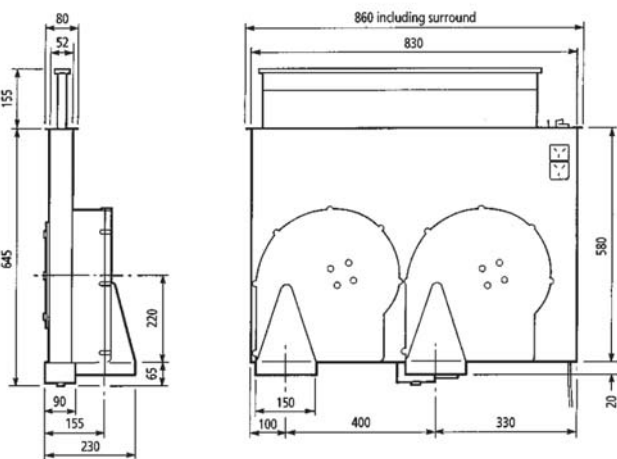
Side Mounted Riser



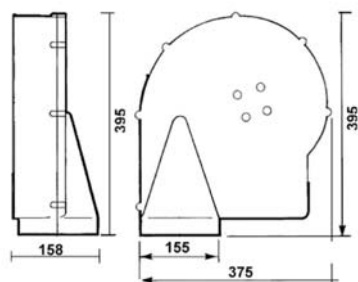
600mm Rear Riser



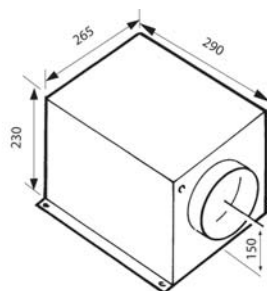
900mm Rear Riser



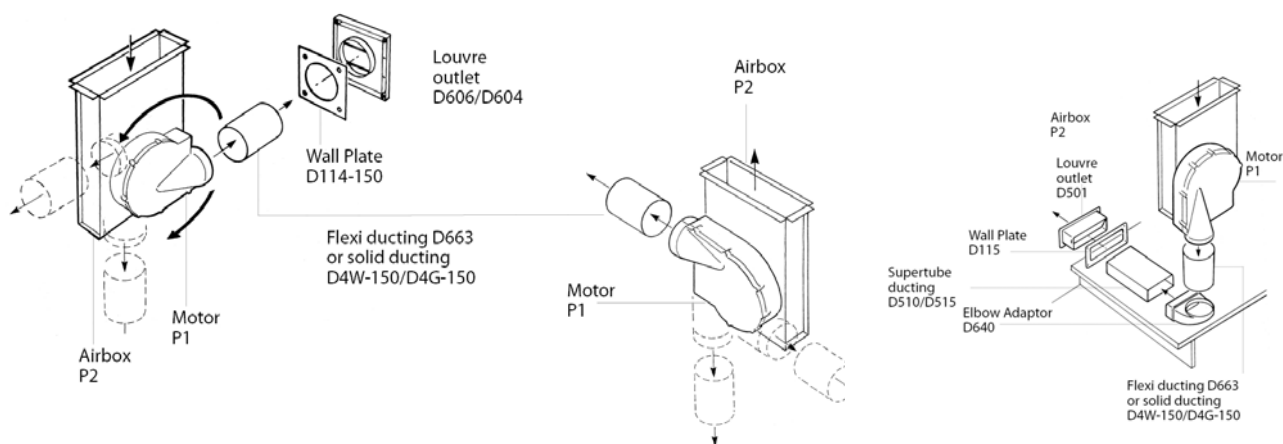
P1 Motor. Up to 750m³/hr



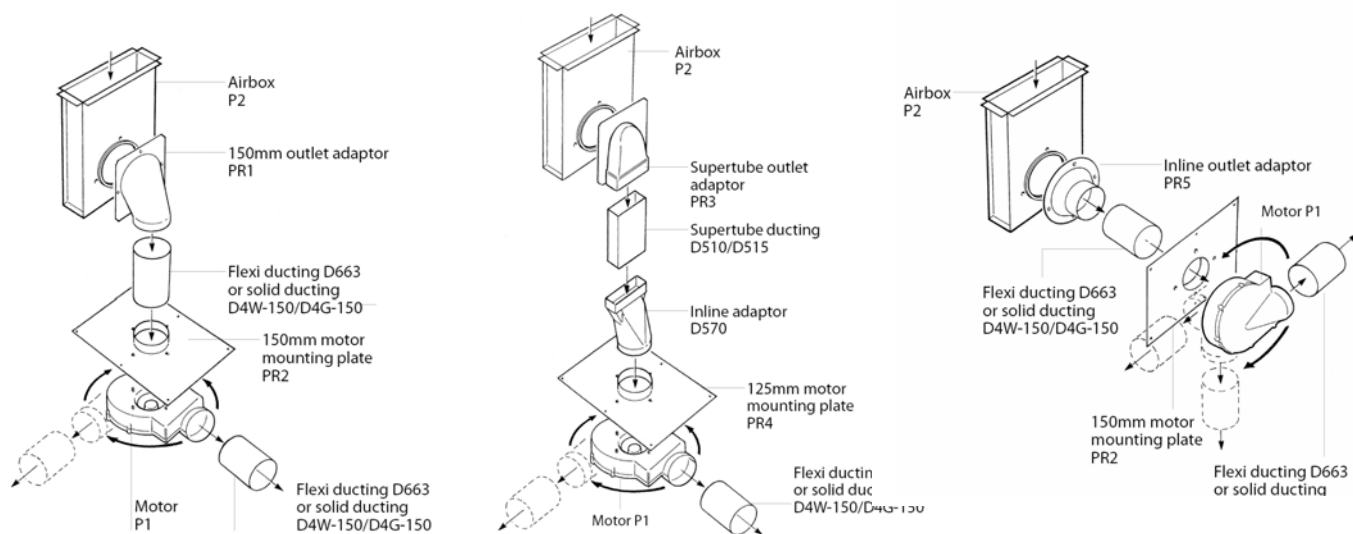
P1-9 Motor. Up to 1000m³/hr



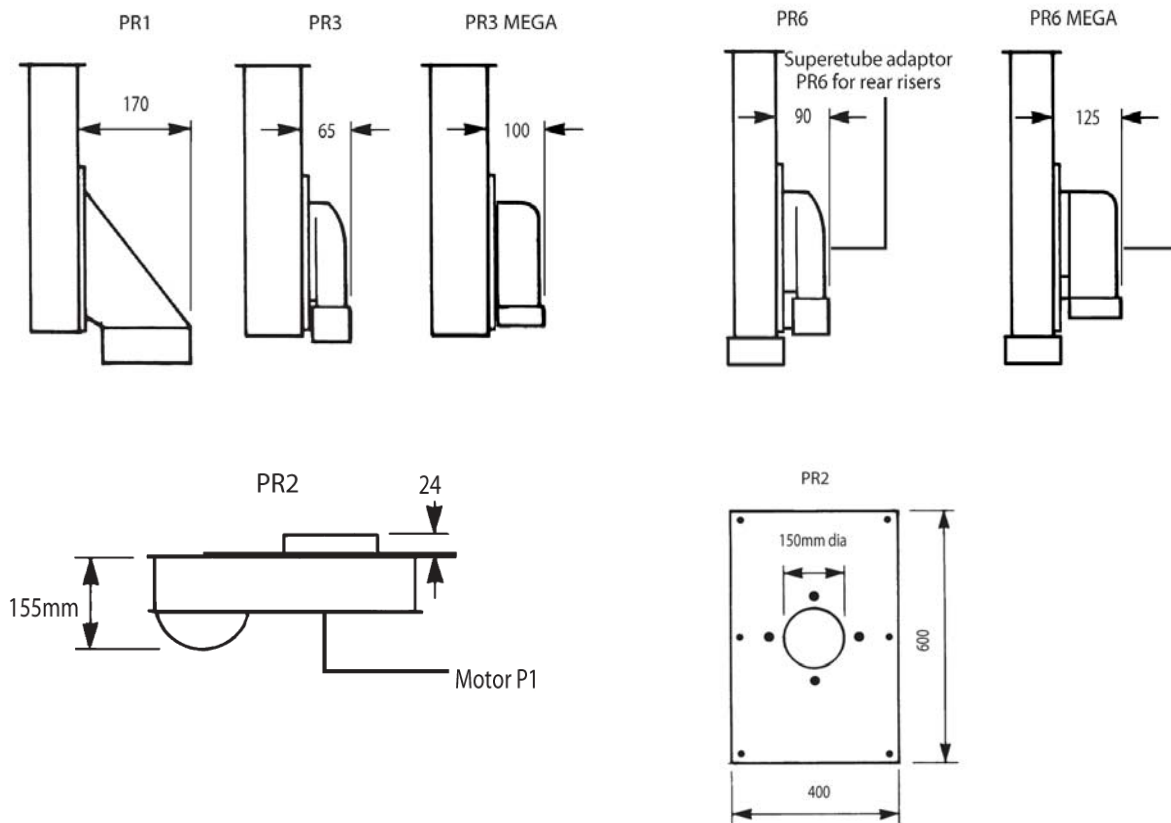
Standard Mounting In-Bench:



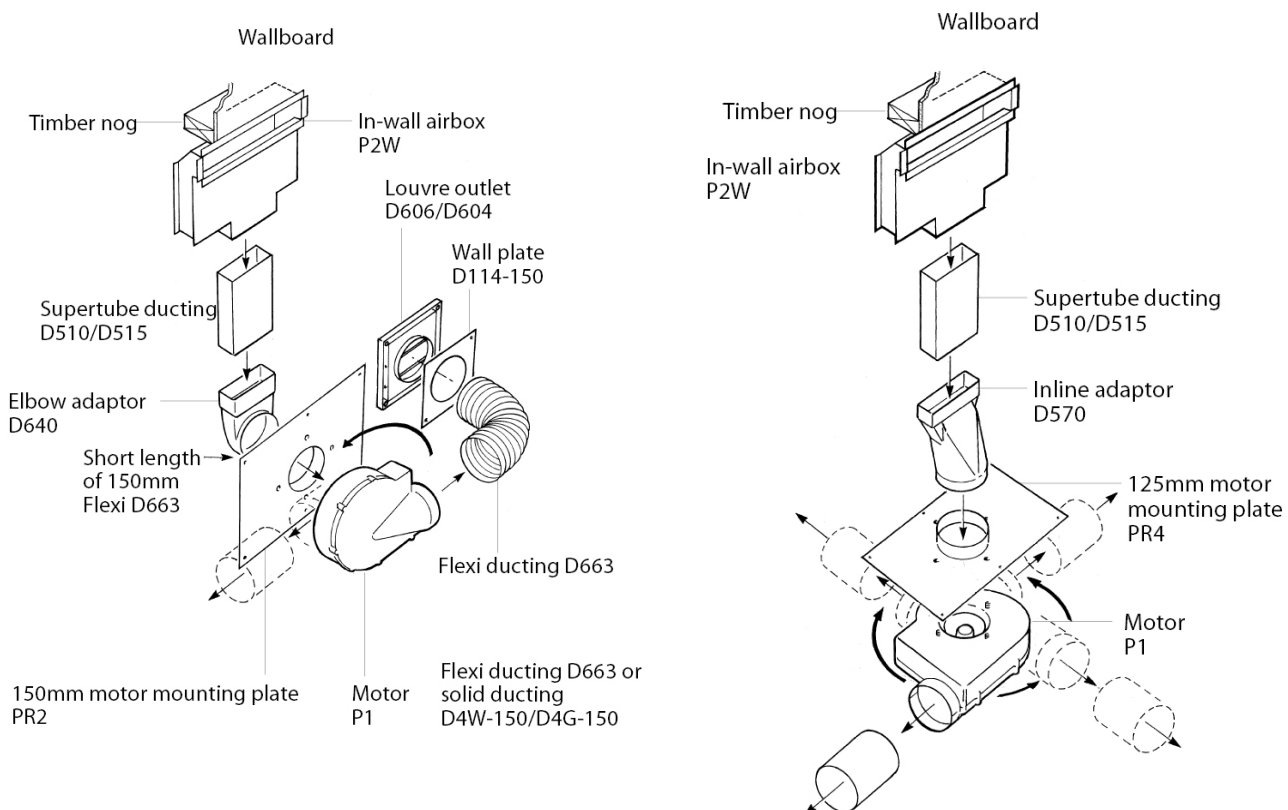
Remote Mounting In-Bench:

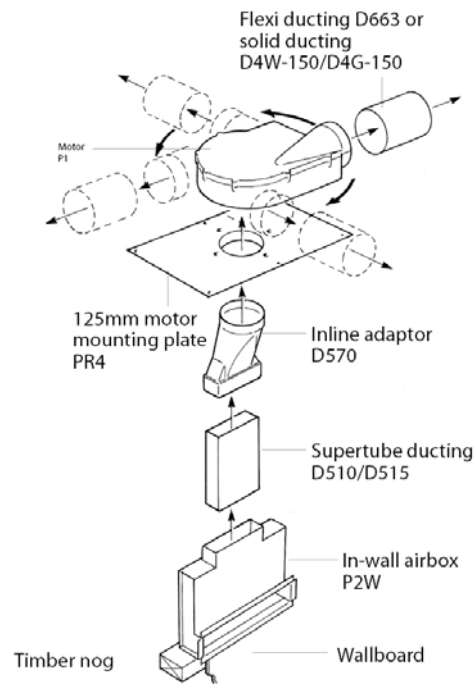


Remote Mounting:

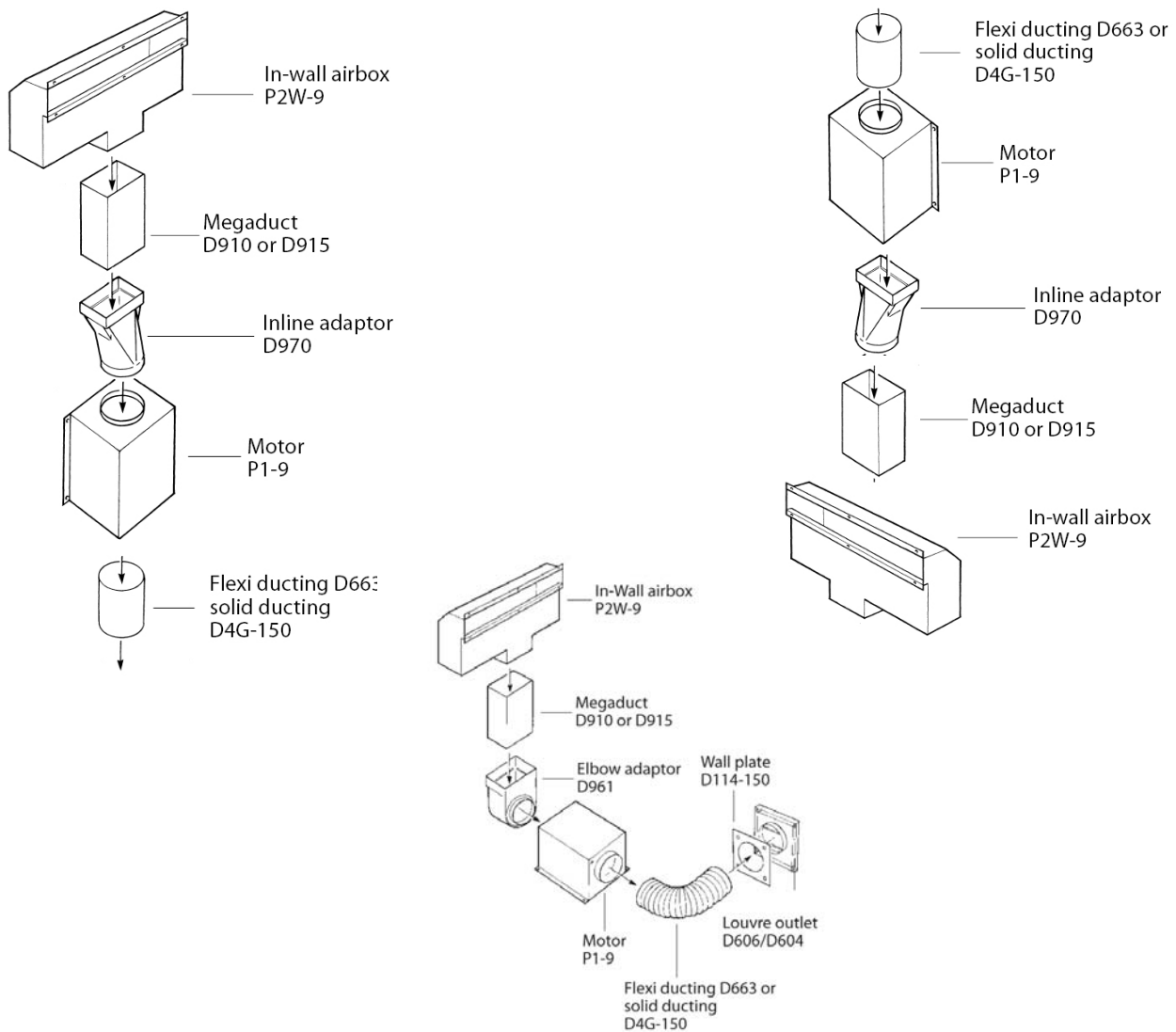


In-Wall Airbox:

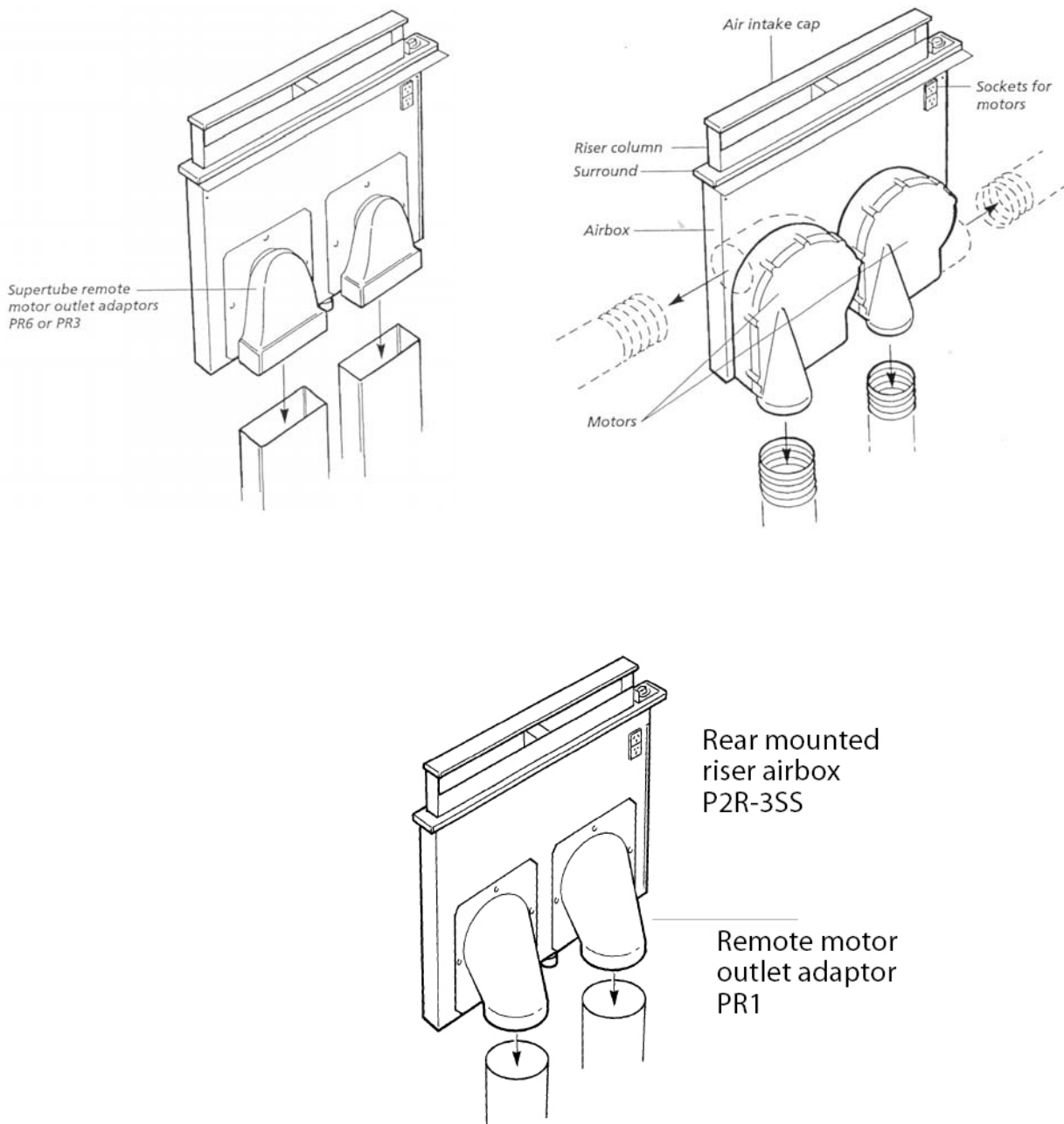




600 In-wall Mega:



Rear Riser 900mm and Remote Riser 900mm



The above are intended as a range of possibilities that the modular components of the Parmco Downdraft can offer. There are often many possible solutions to an installation situation – contact Parmco customer services if additional information is required.