# FISHER & PAYKEL

# WALL RANGEHOOD, BOX CHIMNEY WITH EXTERNAL BLOWER

CONTEMPORARY
HC60DCEXB3 & HC90DCEXB3

USER GUIDE / INSTALLATION GUIDE
NZ AU

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USER GUIDE NZ AU

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## Registration

To register your product visit our website: fisherpaykel.com/register

# **A** WARNING!

# **Electric Shock Hazard**

Failure to follow this advice may result in electric shock or death.



- Always disconnect the appliance from the mains power supply before carrying out any maintenance or repairs. Failure to do so can result in death, electric shock, fire or injury to persons.
- Do not immerse cord or plugs in water or other liquid.

# **A** WARNING!

# Weight Hazard

Failure to follow this advice may result in personal injury.



- The appliance is heavy. Please ensure adequate care is taken when installing the appliance to prevent personal injury. The appliance must be installed onto a solid wall, stud, beam or truss.
- Product weight: 9kg (HP60) and 13.4kg (HP90).

#### **READ AND SAVE THESE INSTRUCTIONS**

#### SAFETY AND WARNINGS

#### WARNING!

When using this appliance always exercise basic safety precautions including the following:

- This product is for use with a compatible Fisher & Paykel external blower. Failure to comply could void your warranty. Please read the entire set of instructions before installing or using this appliance.
- The room must have adequate ventilation when the rangehood is used at the same time as appliances burning gas or other fuels.
- For Australia and New Zealand: Range hoods and other cooking fume extractors may
  adversely affect the safe operation of appliances burning gas or other fuels (including
  those in other rooms) due to back flow of combustion gases. These gases can
  potentially result in carbon monoxide poisoning. After installation of a range hood or
  other cooking fume extractor, the operation of flued gas appliances should be tested by
  a competent person to ensure that back flow of combustion gases does not occur.
- 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 the appliance by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- · You must read the details concerning the method and frequency of cleaning.
- · There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Never leave frying food unattended since grease can overheat and catch fire. The risk of fire is even greater in the case of used oil.
- · Do not flambé under the rangehood.
- · Never use the rangehood without the filters in place.
- · CAUTION: accessible parts may become hot when used with cooking appliances.
- Remove all packaging, including protective wrappings, before use.
- Unplug or disconnect the appliance from the power supply before servicing or cleaning.
- The rangehood may stop working during an electrostatic discharge (eg lightning).
   Switch off the electricity supply to the rangehood and reconnect after one minute.
- Never use abrasive or oil based cleaners.

#### **USING YOUR RANGEHOOD**

This rangehood should be turned on for a few minutes before cooking in order to establish air currents upward through the rangehood. This will also enable hot air removal from your kitchen and keep the rangehood surface cool. When heat, smoke, moisture, grease and cooking odours are produced, they will be carried outside instead of drifting into other rooms.

Use the low fan speeds for normal use and the higher fan speeds for high heat, strong odours or fumes.

#### Induction cooking considerations

Induction cooktops use energy efficient technology that only heats the contents of a cooking pot. Unlike gas or traditional electric cooktops, the surrounding air does not get heated when using an induction cooktop. As a result, rangehood filters, splashbacks and surrounding cabinetry do not get warmed up, increasing the likelihood of condensation on these cooler surfaces. Other factors like ambient temperature, humidity, natural ventilation of the room, size of the cookware and how the induction cooktop is being used also influence condensation. For example, rapid boiling on high cooktop heat settings like PowerBoost increases the rate at which water is evaporated, increasing the likelihood of condensation. It is important to understand that neither the rangehood nor the induction cooktop are faulty as a result of this phenoenon.

#### Condensation can be minimised by:

- Using the rangehood on a lower speed setting when boiling.
- Using the induction cooktop on a lower heat setting when boiling.
- Switching the rangehood on 5 minutes before cooking and letting it run for at least 5 minutes after cooking.

#### Gas cooking considerations

Using a powerful gas cooktop or multiple gas burners operating at the same time can cause the rangehood surfaces to become hot. This effect can be reduced by:

Using the maximum speed setting to enable hot air to be extracted quickly.

# CONTROL PANEL



1	Filter cleaning alert	Illuminates to alert the need to clean filters. Can be deactivated with a single button press.
2	Timer	Press to turn the timer on. The fan operates for 5 minutes at the current speed and each desceding speed before turning off.
3	Lights	Press to turn the lights on/off. The lights are dimmable. Press and hold to adjust the brightness level.
4	Power on/off	Press to turn the rangehood on/off. The fan automatically turns on to operate at level 1.
5	Fan speed 1	Press to select the lowest fan speed 1. The fan speed level icon illuminates red when selected.
6	Fan speed 2	Press to select fan speed 2.
7	Fan speed 3	Press to select fan speed 3.
8	Boost	Press to turn the fan onto boost speed. The icon flashes red when it is on. The rangehood will operate on boost speed for 5 minutes and will then revert to speed 3.

#### CARE AND CLEANING

This rangehood should be cleaned regularly using a mild, liquid detergent and a clean soft cloth to avoid a build-up of grease occurring. Avoid the use of corrosive chemicals, abrasive cleaning products, hard brushes and steel wool pads. Grease deposits are corrosive which can cause damage.

In areas of high humidity or coastal environments, cleaning should be carried out more frequently. Disconnect the product from the power source before undertaking any cleaning. Do not operate the hood without filters in place.

#### **Aluminum filters**

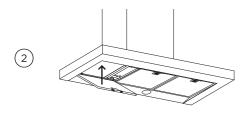
- Clean the filters at least once a month. Filters may need to be cleaned more frequently depending on the cooking methods used and frequency of use.
- Aluminum filters should be removed and cleaned with hot soapy water or in a dishwasher.
- If washed in a dishwasher, the filter should be placed in an upright position to prevent food from falling on them.
- · After rinsing and drying, refit the filters.

#### Removing the aluminium filters



Pull the catch and tilt the filter downwards until it disengages from the supports.

#### Replacing the aluminium filters



Place the filter into the support at the rear of the rangehood. Push the filter back into place.

#### CARE AND CLEANING

#### Replacing the light bulb

#### ILCOS D code: DRR-3.5-220/240-GU10-50/50

- Before changing the light bulb, ensure the rangehood is disconnected from the power supply.
- · Remove the aluminium grease filters.
- · Replace light bulbs.
- Refit the aluminium filters.
- · Replacement bulbs are not covered by warranty.

#### External blower maintenance and cleaning

- Before roof restoration or cleaning completely cover the outside motor system to avoid any chemical contact.
- Regularly clean the area surrounding the external blower to ensure it is not blocked by debris.

#### PARTS AND ACCESSORIES

ITEM	REFERENCE NUMBER
LED bulb	792603
Aluminium filter with stainless steel cover	792577

## **TROUBLESHOOTING**

If there is a problem with your rangehood, please check the following points before contacting your local Fisher & Paykel trained and supported service technician or the Customer Care Centre.

PROBLEM	POSSIBLE CAUSES	WHAT TO DO	
The external blower shuts off during use.	The external blower is equipped with a thermal protector to avoid overheating conditions.	Turn off the rangehood. Wait approximately 60 minutes and then attempt to restart the hood.	
Airflow is lower than expected.	The ducting or the external blower is blocked.	Check the external blower is clear of debris. Check the ducting for kinks or other blackages.	
Rangehood is loud.	Incorrect installation.	External blower should be installed as per the installation guide.	
Excessive	Using an induction cooktop.	Condensation can be	
condensation forms on the rangehood.	High ambient temperature, humidity or low natural ventiliation in the room.	<ul> <li>minimised, refer to 'Using your rangehood'.</li> </ul>	
	Height of rangehood installation.	_	

#### MANUFACTURER'S WARRANTY

You automatically receive a 2 year Manufacturer's Warranty with the purchase of this Built-In Integrated Rangehood covering parts and labour for servicing within the country of purchase.

#### Fisher & Paykel undertakes to:

Repair or, at its option, replace without cost to the owner either for material or labour any part of the product, the serial number of which appears on the product, which is found to be defective within TWO YEARS of the date of purchase.

Note: this Manufacturer's Warranty is an extra benefit and does not affect your legal rights.

#### This Manufacturer's Warranty DOES NOT cover

- Service calls which are not related to any defect in the product. The cost of a service call will be charged if the problem is not found to be a product fault. For example:
  - (1) Correcting the installation of the product.
  - 2 Instructing you how to use the product.
  - 3 Replacing house fuses or correcting house wiring or plumbing.
  - 4 Correcting fault(s) caused by the user.
  - (§) Noise or vibration that is considered normal, eg drain/fan sounds, refrigeration noises or user warning beeps.
  - 6 Correcting damage caused by pests, eg rats, cockroaches, etc
  - (7) Replacement light bulbs.
- ® Defects caused by factors other than:
  - Normal domestic use; or
  - 2 Use in accordance with the product's user guide.
- © Defects to the product caused by accident, neglect, misuse or 'act of God'.
- The cost of repairs carried out by non-trained and supported service technicians or the cost of correcting such repairs.
- © Normal recommended maintenance as set out in the product's user guide.
- © Repairs when the appliance has been dismantled, repaired or serviced by other than a Fisher & Paykel trained and supported service technician or the selling dealer.
- © Pick-up and delivery.
- Transportation or travelling costs involved in the repair when the product is installed outside the Fisher & Paykel trained and supported service technician's normal service area.

Nothing in this manufacturer's warranty is intended to, or does, limit any rights you may have under law to recover the costs of inspecting or returning the goods to us.

This product has been designed for use in a normal domestic (residential) environment. This product is not designed for commercial use (whatsoever). Any commercial use by a customer will affect this product's Manufacturer's Warranty.

Service under this Manufacturer's Warranty must be provided by a Fisher & Paykel trained and supported service technician (refer to the 'Customer Care' section at the back of this book). Such service shall be provided during normal business hours. This Manufacturer's Warranty certificate should be shown when making any claim.

#### **MANUFACTURER'S WARRANTY**

#### For Australian Customers

This Manufacturer's Warranty is an extra benefit and does not affect your legal rights. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please keep this user guide in a safe place.

#### **CUSTOMER CARE**

#### Before you call for service or assistance

Check the things you can do yourself. Refer to your user guide and check that:

- Your product is correctly installed.
- 2 You are familiar with its normal operation.

If after checking these points you still need assistance or parts, please refer to your nearest Fisher & Paykel trained and supported service technician, Customer Care, or contact us through our local website listed on the back cover.

#### In New Zealand if you need assistance\*

Call your Fisher & Paykel retailer who is trained to provide information on your appliance, or if we can be of any further help, contact our Customer Care Centre.

Toll free: 0800 FP CARE or 0800 372 273

Fax: (09) 273 0656 Website: fisherpaykel.com

Postal address: Fisher & Paykel Appliances Ltd, PO Box 58550, Botany, Auckland 2163

### If you need service\*

Fisher & Paykel has a network of Fisher & Paykel trained and supported service technicians that can carry out any service necessary on your appliance. Our Customer Care Centre can recommend a Fisher & Paykel trained and supported service technician in your area.

#### In Australia if you need assistance\*

Call the Fisher & Paykel Customer Care Centre and talk to one of our Customer Care Consultants

Toll free: 1300 650 590 Fax: (07) 3826 9298 Website: fisherpaykel.com

Postal address: Fisher & Paykel Appliances Ltd, PO Box 798, Cleveland QLD 4163

#### If you need service\*

Fisher & Paykel has a network of Fisher & Paykel trained and supported service technicians that can carry out any service necessary on your appliance. Our Customer Care Centre can recommend a Fisher & Paykel trained and supported service technician in your area.

#### For rest of the world\*

Call your Fisher & Paykel retailer/dealer from whom you purchased the product. They are trained to provide information on your appliance. If we can be of any further help, contact use on:

Phone: +64 9 273 0660 Fax: +64 9 273 0580 Website: fisherpaykel.com

Postal address: Fisher & Paykel Appliances Ltd, PO Box 58550, Botany,

Auckland 2163, New Zealand.

#### **CUSTOMER CARE**

\*If you call, write or contact our website please provide: your name and address, model number, serial number, date of purchase and a complete description of the problem. This information is needed in order to better respond to your request for assistance.

Product details can be found on the inside of the chassis. The filter needs to be removed to be able to see them.

#### Registration

Register your product with us so we can provide you with the best service possible. To register your product visit our website: fisherpaykel.com/register

eep for safe reference:
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INSTALLATION GUIDE
NZ AU

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# **A** WARNING!

# **Electric Shock Hazard**

Failure to follow this advice may result in electric shock or death.



- Always disconnect the appliance from the mains power supply before carrying out any maintenance or repairs. Failure to do so can result in death, electric shock, fire or injury to persons.
- Do not immerse cord or plugs in water or other liquid.

# **A** WARNING!

# **Weight Hazard**

Failure to follow this advice may result in personal injury.



- The appliance is heavy. Please ensure adequate care is taken when installing the appliance to prevent personal injury. The appliance must be installed onto a solid wall, stud, beam or truss.
- Product weight: 9kg (HC60) and 13.4kg (HC90).

# **A** WARNING!



# **Cut Hazard**

Failure to use caution could result in injury.

- Take care: some edges are sharp.
- Wear gloves to protect against sharp edges.

## READ AND SAVE THESE INSTRUCTIONS

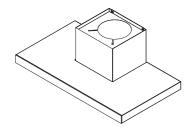
#### SAFETY AND WARNINGS

#### WARNING!

When using this appliance always exercise basic safety precautions including the following:

- Please read the entire set of instructions before installing or using this appliance.
- Please make this information available to the person installing the appliance doing so could reduce your installation costs.
- · Always switch the power off prior to installation, servicing or cleaning of the appliance.
- This appliance must be installed and connected to the mains power supply only by a suitably qualified person according to these installation instructions and in compliance with any applicable local building and electricity regulations. Failure to install the appliance correctly could invalidate any warranty or liability claims.
- To comply with electrical safety regulations, the appliance must be plugged into
  a socket near the appliance. The socket must be accessible, or have an accessible
  isolating switch, to enable the end user to isolate the appliance from the power for the
  purpose of internal cleaning or maintenance.
- A power outlet should be within 750 mm of the rangehood and can either be on the wall, behind the chimney or in the ceiling.
- If the supply cord of this equipment is damaged, it must only be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- All ducting must comply with local requirements and building codes.
- Attention should be given to ensure that any applicable regulations concerning the discharge of exhaust air are fulfilled.
- Before connecting any pipes, consult municipal ordinances to ensure that any
  applicable regulations concerning the discharge of exhaust air are adhered to and
  request permission from the person in charge of the building.
- Exhaust air must not be discharged into an existing flue that is used for exhausting fumes from appliances burning gas or other fuels.
- Stainless steel or powdercoat is very easily damaged during installation if abraded or knocked by tools. It is recommended to protect the top of the appliance with cardboard or polystyrene during the installation to minimise the risk of damage occurring.
- To reduce the risk of damage occurring to the cooktop, it is recommended that
  the surface of the cooktop is protected with cardboard or a similar object during
  installation of the rangehood.
- In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this
  appliance must not be supplied through an external switching device, such as a timer,
  or connected to a circuit that is regularly switched on and off by the utility.

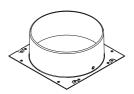
## **PARTS SUPPLIED**



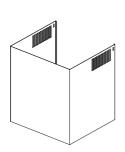
Rangehood (1)



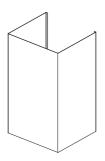
Installation guide (1)



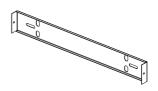
200 mm diameter ducting adapter (1) and screws (4)



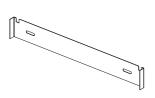
Upper chimney (1)



Chimney (1)



Upper chimney bracket (1)



Chimney bracket

(1)



Expansion plug

(8)



30 mm self tapping screw

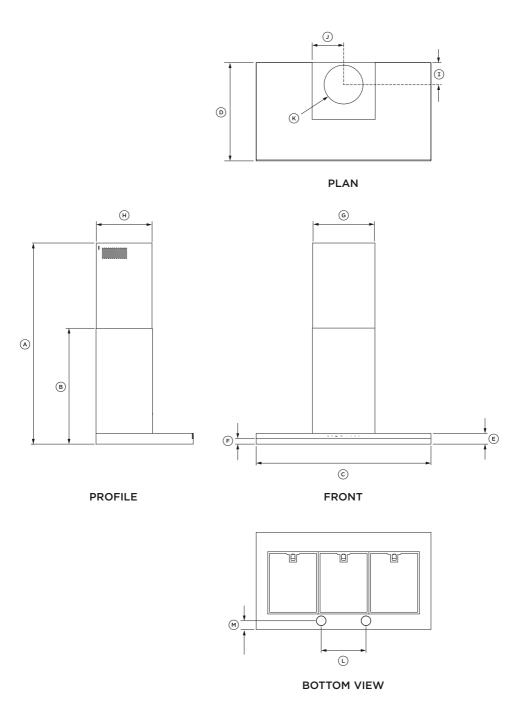
(8)

#### PRIOR TO INSTALLATION

Fisher & Paykel is not liable for any damage caused by not following these instructions.

- Please read the instructions carefully.
- · Unpack the rangehood.
- Ensure the voltage (V) and the frequency (Hz) indicated on the rating plate match the voltage and frequency of the installation site.
- · Check all functions are working.
- Check that the area behind the installation surface to be drilled is clear of any electrical cables or pipes etc.
- The rangehood surfaces can be damaged during installation if grazed or knocked by tools. Please take care to protect the surfaces during installation.
- Protect the cooktop surface with cardboard, or the like, to prevent damage occurring whilst the rangehood is being installed above.
- Temporarily mark the height of the bottom of the rangehood and the centre of the cooktop on the wall according to the information given in the 'Installation Height' section.
- The wall used for mounting the rangehood should have sufficient strength and a flat surface.
- A power outlet should be within 750 mm of the rangehood and can either be on the wall, behind the chimney or in the ceiling.

# **PRODUCT DIMENSIONS**

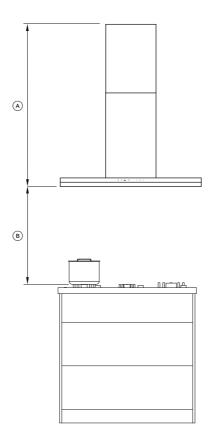


## **PRODUCT DIMENSIONS**

PRODUCT DIMENSIONS	HC60	HC90
PRODUCT DIFFERSIONS	ММ	MM
Maximum overall height of product	1035	1035
Minimum overall height of the product	595	595
© Overall width of product	598	898
Overall depth of product	500	500
Height of hood	55	55
Height of stainless strip	27	27
Width of chimney	320	320
Depth of chimney	290	290
① Distance from centre of ducting outlet to back of product	113	113
① Distance from centre of ducting outlet to side of chimney	160	160
® Diameter of ducting outlet	200	200
© Distance between centre of lights	230	230
Distance between lights to back of product	45	45
Length of power cord	1200	1200
Length of external blower connection cord	1200	1200

Actual product dimensions may vary by ± 2 mm.

#### **INSTALLATION HEIGHT**



HEIGHT DIMENSIONS	ММ
<ul><li>Ducted installation</li><li>Minimum height</li><li>Maximum height</li></ul>	636 1035
<ul><li>B Height top of cooktop to base of product</li><li>Electric cooktop</li><li>Gas cooktop</li></ul>	min 600 – max 750 min 650 – max 750

This rangehood must be installed no lower than the minimum height indicated in the table above. Minimum installation height may be greater if required by the cooktop, refer to your cooktop installation instructions.

Installation at the minimum height will improve the efficiency of capturing cooking odours, grease and smoke. Installation above the minimum height is the users preference, it is not recommended to install above the maximum height indicated in the table above.

#### **INSTALLATION HEIGHT**

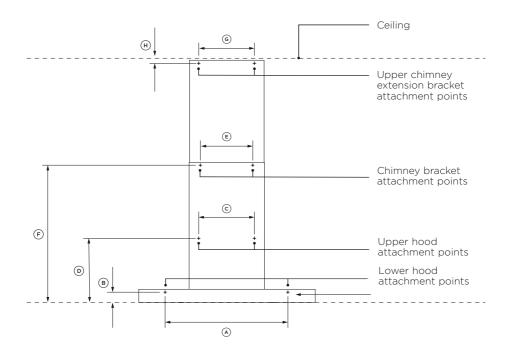
#### Induction cooktop considerations

- Induction cooktops use energy efficient technology that only heats the contents of a cooking pot.
- Unlike gas or traditional electric cooktops, the surrounding air does not get heated when
  using an induction cooktop. As a result, rangehood filters, splashbacks and surrounding
  cabinetry do not get warmed up, increasing the likelihood of condensation on these
  cooler surfaces.
- Other factors like ambient temperature, humidity, natural ventilation of the room, size of the cookware and how the induction cooktop is being used also influence condensation. For example, aggressive boiling on high cooktop heat settings like PowerBoost increases the rate at which water is evaporated, increasing the likelihood of condensation.
- It is important to understand that neither the rangehood nor the induction cooktop are faulty as a result of this phenomenon.

#### Condensation can be minimised by:

- Installing the rangehood at the maximum height above the cooktop as specified in this
  user guide.
- Using the rangehood on a lower speed setting when boiling.
- Using the induction cooktop on a lower heat setting when boiling.
- Switching the rangehood on 5 minutes before cooking and letting it run for at least 5 minutes after cooking. Refer to your user guide for details of how to use the timer function.

## ATTACHMENT DIMENSIONS



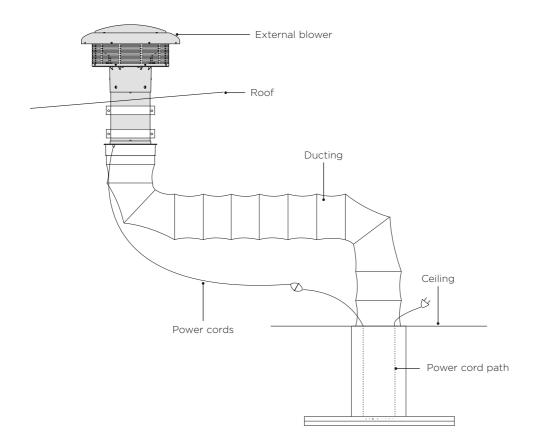
ATTACUMENT DIMENSION	HC60	HC90
ATTACHMENT DIMENSION	ММ	ММ
Lower rangehood attachment point width	420	580
Lower rangehood attachment point height	36	36
© Upper rangehood attachment point width	250	250
Upper rangehood attachment point height	286	286
© Chimney bracket attachment point width	235	235
© Chimney bracket attachment point height	559	559
Upper chimney extension bracket attachment point width	250	250
① Upper chimney extension bracket attachment point height	20	20

## **VENTING REQUIREMENTS**

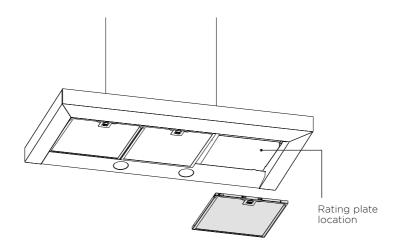
Attention should be given to ensure that any applicable regulations concerning the discharge of exhaust air are fulfilled.

This rangehood is designed to operate with a Fisher & Paykel external blower with the exhaust air ducted externally from the kitchen.

External blower rangehood installation is different from internal blower rangehood installation, please refer to the external blower installation guide for details.



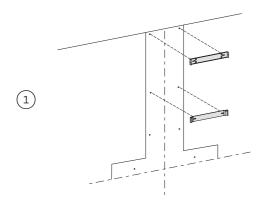
## **ELECTRICIAL REQUIREMENTS**



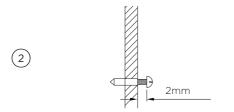
Before connecting the rangehood to the power supply, ensure the voltage and frequency indicated on the rating plate match that of the installation location:

MODEL	FREQUENCY	VOLTAGE
HC60	50 Hz	230 V
HC90	50 Hz	230 V

## ATTACH BRACKETS AND MOUNTING SCREWS



Attach the chimney bracket and upper chimney bracket (if using the upper chimney) in the locations shown. Use the 30mm screws and expansion plugs if attaching to masonry.

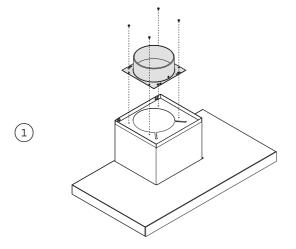


Attach the upper hood mounting screws. Use the 30mm screws and expansion plugs if attaching to masonry.

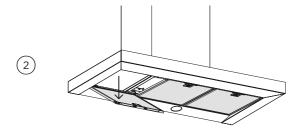
Ensure that there is a 2mm gap between the screw head and the wall.

## PREPARE RANGEHOOD

**Warning:** Failure to install the screws or fixing device in accordance with these instructions may result in an electrical hazards.

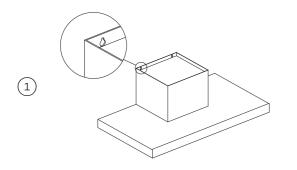


Place the ducting adapter onto the hood and screw it in place using the 10mm screws supplied.

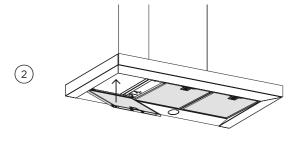


Remove the filters – pull the catch and tilt the filter downwards until it disengages from the supports.

## HANG RANGEHOOD

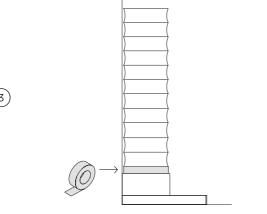


Hang the rangehood off the upper rangehood mounting screws. Hang off the keyhole attachment points on the back of the rangehood then tighten the screws.



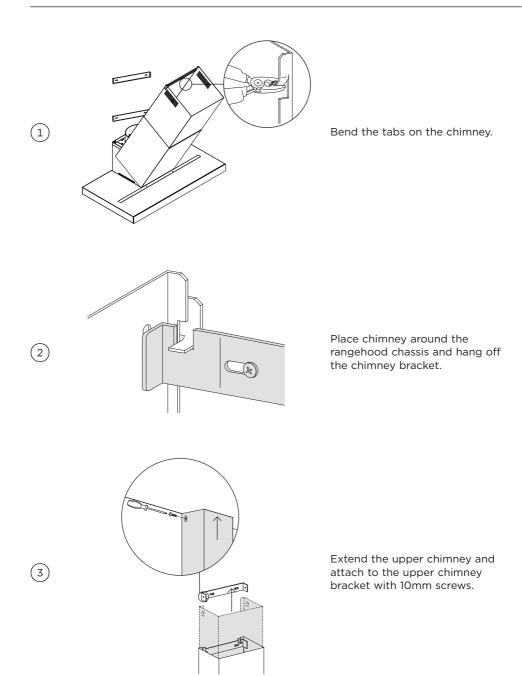
Attach the lower rangehood mounting screws to fix the rangehood to the wall.

Refit the filters.

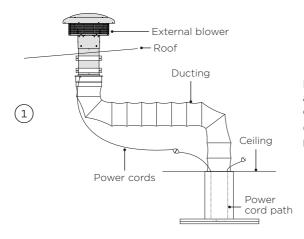


Attach flexible ducting to the ducting adapter using aluminium duct tape.

## **ATTACH CHIMNEY**



## **COMPLETE INSTALLATION**



Install the external blower (if not already installed), refer to rangehood external blower installation guide.

Connect to the external blower and plug the rangehood in.

## **PARTS AND ACCESSORIES**

ITEM	REFERENCE NUMBER
Flexible ducting 200mm (6m)	792961

## **FINAL CHECKLIST**

TO BE COMPLETED BY THE INSTALLER			
	Rangehood is correctly installed		
	All connections are secure		
	Connections have not pierced any electrical or water lines within the wall		
	Ducting has not been crushed or bent in any area's		
	Flexible ducting has been pulled taut and any excess removed (if required)		
	Power plug switch is accessible to the customer		
	Product is plugged in and power switched on		
	Operation of the product has been tested		
Com	plete and keep for safe reference:		
Mode			
Seria			
Purcl	hase date		
Purcl	naser		
Deale	er address		
Insta	ller's name		
Insta	nstaller's signature		
Insta	llation company		

Installation date

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The models shown in this guide may not be available in all markets and are subject to change at any time.

The product specifications in this guide apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time.

For current details about model and specification availability in your country, please go to our website or contact your local Fisher & Paykel dealer.

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