FISHER & PAYKEL

WALL RANGE HOOD, CHIMNEY PYRAMID

CLASSIC

HC24PCX1, HC30PCX1, HC30PCB1, HC30PCR1, HC30PCW1, HC36PCX1, HC36PCB1, HC36PCR1 & HC36PCW1

USER GUIDE US CA

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CONTENTS

Registration

A WARNING!





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:HC24 42 lb (19 kg), HC30 35 lb (21.5 kg), HC36 37 lb (23.8 kg).

READ AND SAVE THESE INSTRUCTIONS

WARNING!

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

General

- CAUTION: FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS.
- 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.
- Never use the range hood without the filters in place.
- CAUTION: accessible parts may become hot when used with cooking appliances.
- · Remove all packaging, including protective wrappings, before use.
- The range hood may stop working during an electrostatic discharge (eg lightning).
 Switch off the electricity supply to the range hood and reconnect after one minute.

Cleaning

- There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Unplug or disconnect the appliance from the power supply before servicing or cleaning.
- · Never use abrasive or oil based cleaners.
- Wear gloves to protect against sharp edges.

SAFETY AND WARNINGS

- When replacing the bulb, let the bulb cool, and ensure that power to the range hood has been turned off.
- Use new bulbs according to that indicated on the range hood nameplate.

Fire

WARNING! TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases
 through the flue (chimney) of fuel burning equipment to prevent back drafting.
 Follow the heating equipment manufacturer's guideline and safety standards such as
 those published by the National Fire Protection Association (NFPA), and the American
 Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the
 local code authorities.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted fans must always be vented to the outdoors.
- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer. For residential use only.
- Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
- · This unit must be grounded.
- 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 use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).

WARNING: TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING*:

- SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
- NEVER PICK UP A FLAMING PAN You may be burned.
- DO NOT USE WATER, including wet dishcloths or towels a violent steam explosion will result.
- · Use an extinguisher ONLY if:
 - You know you have a Class ABC extinguisher, and you already know how to operate it.
 - · The fire is small and contained in the area where it started.
 - The fire department is being called.
 - You can fight the fire with your back to an exit.
- When product is used in recirculation mode, use only conversion kit number 792162
 Recirculation diverter and 792163 Recirculation carbon filter.

^{*}Based on "Kitchen Firesafety Tips" published by NFPA.

WARNING: TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

- Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- Always turn hood ON when cooking at high heat or when flambéing food (ie Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambé)
- Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- Use proper pan size. Always use cookware appropriate for the size of the surface element.

CONTROL PANEL

Control panel



CONTROL PANEL FEATURES

- 1 Light
- ② Fan speed 1
- ③ Fan speed 2
- 4 Fan speed 3

This range hood 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 undergoing 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.

Carbon filters - for use in recirculation mode

Active carbon filters are disposable items designed to remove grease and odors from cooking vapors before the air is channeled back into the kitchen. The active carbon filters must be replaced periodically to work properly, at least once every six months, depending on the frequency with which the ventilation hood is used.

Fully saturated carbon filters can become a barrier to air movement therefore limiting ventilation hood performance. In the event of fire, grease laden filters could be flammable and therefore regular replacement is recommended.

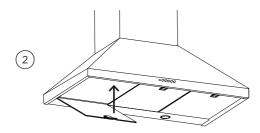
CARE AND CLEANING

Removing the aluminium filters



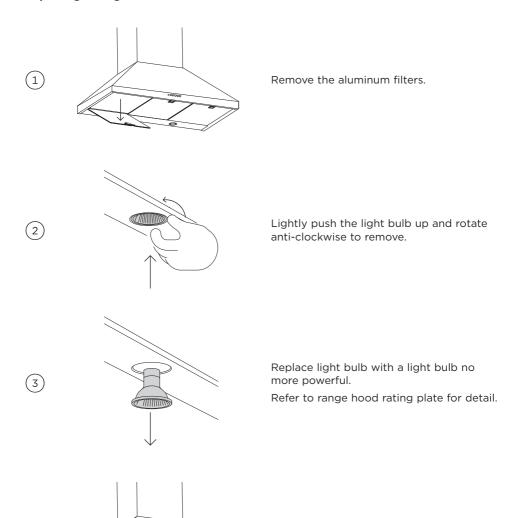
Pull the catch and tilt the filter downwards until it disengages from the supports.

Replacing the aluminium filters



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

Replacing the light bulb



Refit the aluminum filters.



PARTS AND ACCESSORIES

ITEM	REFERENCE NUMBER
LED bulb	792579
Recirculation diverter	793162
Recirculation carbon filter	793163

Before you call for service or assistance

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

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

If after checking these points you still need assistance or parts, please refer to the Service & Warranty book for warranty details and your nearest Service Center, Customer Care, or contact us through our website www.fisherpaykel.com

Complete and k	eep for safe reference:
Model	
Serial No.	
Purchase Date	
D 1	
Dealer	
City	
State	
Zip	
Country	

FISHER & PAYKEL

WALL RANGE HOOD, CHIMNEY PYRAMID

CLASSIC

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INSTALLATION GUIDE
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A WARNING!

Electric Shock Hazard



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

- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.

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: HC24 42 lb (19 kg), HC30 35 lb (21.5 kg), HC36 37 lb (23.8 kg).

READ AND SAVE THESE INSTRUCTIONS

WARNING!

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

General

- Please read the entire set of instructions before installing or using this appliance.
- Please make this information available to the person installing the appliance.
- Always switch the power off prior to installation, servicing or cleaning of the appliance.
- The room must have adequate ventilation when the range hood is used at the same time as 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 range hood.
- 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.

WARNING! TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- Installation work and electrical wiring must be done by qualified person(s)
 in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases
 through the flue (chimney) of fuel burning equipment to prevent back drafting.
 Follow the heating equipment manufacturer's guideline and safety standards such as
 those published by the National Fire Protection Association (NFPA), and the American
 Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the
 local code authorities.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- · Ducted fans must always be vented to the outdoors.
- · This unit must be grounded.
- · Wear gloves to protect against sharp edges.

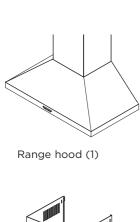
Electricial

- This appliance must be installed and connected to the mains power supply only by a
 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 750mm of the motor assembly 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.
- Ducting accessories are not supplied. All ducting must comply with local requirements and building codes.
- Electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards and the unit must be grounded.
- Installation work and electrical wiring must be done by qualified person(s)
 in accordance with all applicable codes and standards, including fire-rated construction.

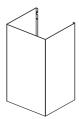
Fire

- WARNING: To reduce the risk of fire, use only metal ductwork. Do not use flexible plastic ducting.
- CAUTION: To reduce risk of fire and to properly exhaust air, be sure to duct air outside –
 do not vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces, or
 garages.
- To reduce the risk of fire and electric shock, install this range hood only with the integral blowers supplied with this range hood.
- The 8' metal duct adapter supplied with this rangehood must be used for connecting any ducting to this rangehood. Ducting should not be fitted onto the plastic blower outlet.

PARTS SUPPLIED

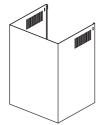




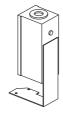


Installation guide (1)





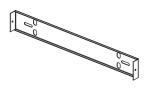
Upper chimney (1)



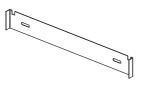
Power connection box (1)



3/8" (10 mm) Self tapping screw (4)



Upper chimney bracket (1)



Chimney bracket (1)



1 3/16" (30 mm) Self tapping screw (10)



1 3/16" (30 mm)

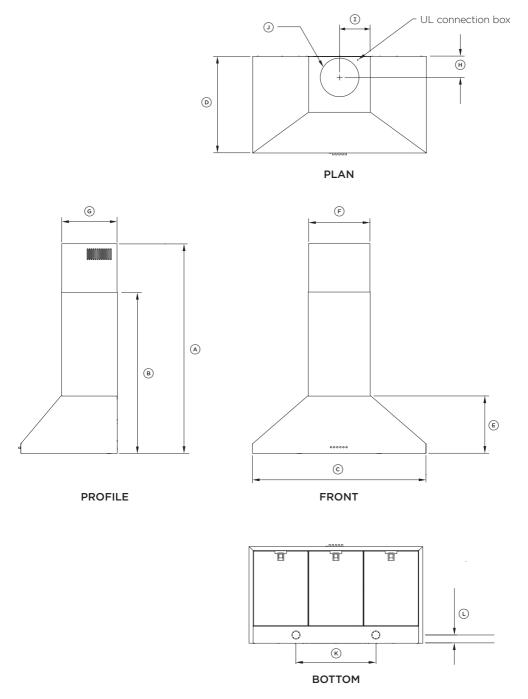


13/4"(44 mm) Expansion plug (10) Drywall expansion plug (8)

The manufacturer is not liable for any damage caused by not following these instructions.

- Unpack the range hood.
- Ensure the voltage (V) and the frequency (Hz) indicated on the rating plate match the voltage and frequency of the installation site.
- Check that the area behind the installation surface to be drilled is clear of any electrical cables or pipes etc.
- The range hood 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 range hood is being installed above.
- The wall used for mounting the range hood should have sufficient strength and a flat surface.

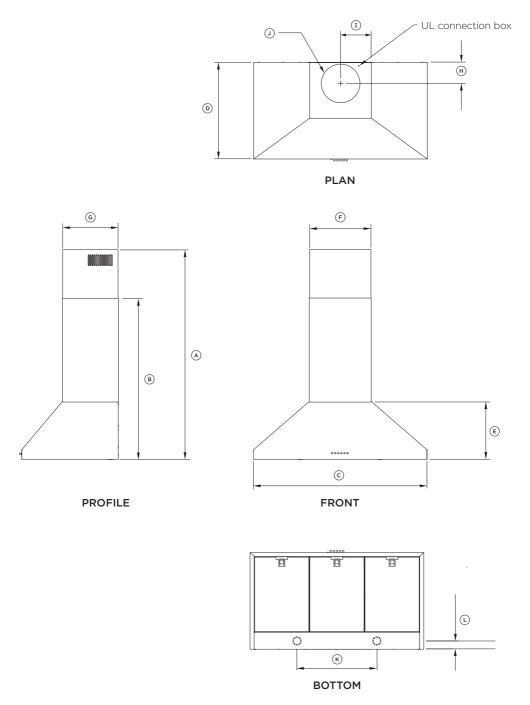
PRODUCT DIMENSIONS - 24" MODELS



PROPULET PLANTAGE ON S	HC24		
PRODUCT DIMENSIONS	IN	ММ	
Maximum overall height of product	38 3/8	975	
Minimum overall height of product	25 1/16	636	
© Overall width of product	23 9/16	598	
Overall depth of product	19 11/16	500	
Height of product	11 3/4	298	
Width of chimney	12 5/8	320	
Depth of chimney	11 7/16	290	
④ Distance from center of ducting outlet to back of product	4 5/16	110	
① Distance from center of ducting outlet to side of chimney	6 5/16	160	
① Diameter of ducting outlet	7 7/8	200	
® Distance between center of lights	16 1/4	413	
© Distance between center of lights and back of product	15/8	42	

Actual product dimensions may vary by $\pm 1/16$ ' (2 mm).

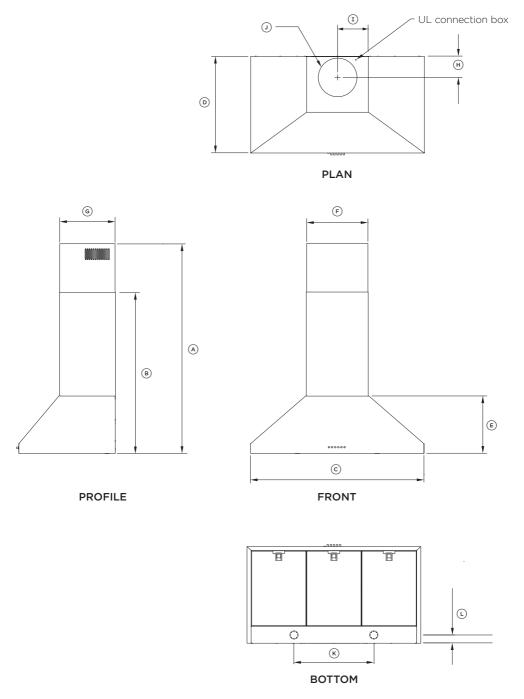
PRODUCT DIMENSIONS - 30" MODELS



PROPULET PLANTAGE ON S	HC30		
PRODUCT DIMENSIONS	IN	мм	
Maximum overall height of product	38 3/8	975	
Minimum overall height of product	25 1/16	636	
© Overall width of product	29 3/4	755	
Overall depth of product	19 11/16	500	
Height of product	11 3/4	298	
Width of chimney	12 5/8	320	
Depth of chimney	11 7/16	290	
④ Distance from center of ducting outlet to back of product	4 5/16	110	
① Distance from center of ducting outlet to side of chimney	6 5/16	160	
① Diameter of ducting outlet	7 7/8	200	
® Distance between center of lights	16 1/4	413	
© Distance between center of lights and back of product	15/8	42	

Actual product dimensions may vary by $\pm 1/16$ ' (2 mm).

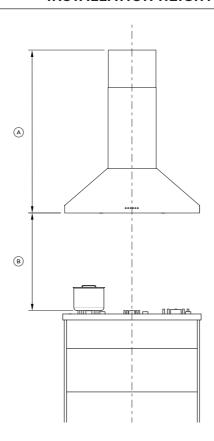
PRODUCT DIMENSIONS - 36" MODELS



DDDDUGT DIMENSIONS	HC36		
PRODUCT DIMENSIONS	IN	ММ	
Maximum overall height of product	38 3/8	975	
Minimum overall height of product	25 1/16	636	
© Overall width of product	35 3/8	898	
Overall depth of product	19 11/16	500	
© Height of product	11 3/4	298	
© Width of chimney	12 5/8	320	
Depth of chimney	11 7/16	290	
Distance from center of ducting outlet to back of product	4 5/16	110	
Distance from center of ducting outlet to side of chimney	6 5/16	160	
Diameter of ducting outlet	7 7/8	200	
Distance between center of lights	16 1/4	413	
© Distance between center of lights and back of product	1 5/8	42	

Actual product dimensions may vary by $\pm 1/16$ ' (2 mm).

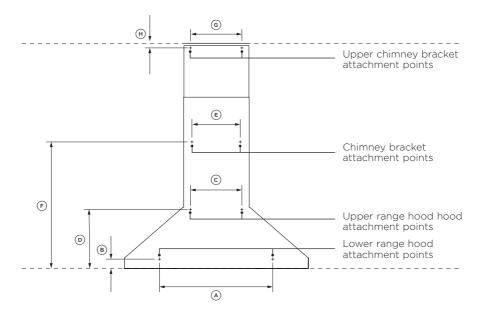
INSTALLATION HEIGHT



HEIGHT DIMENSIONS	IN	MM
Ducted installation Minimum height Maximum hieght	25 1/16 38 3/8	636 975
Recirculation • Minimum height • Maximum hieght	26 5/8 38 3/8	676 975
Height top of cooktop to base of product	26-30	660-762

This range hood 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.



ATTACHMENT DIMENSIONS	IN	ММ
Lower range hood attachment point width	20	508
Lower range hood attachment point height	1 3/4	45
© Upper range hood attachment point width	9 7/8	250
Upper range hood attachment point height	11 1/4	286
Chimney bracket attachment point width	9 7/8	250
Chimney bracket attachment point height	31 1/4	794
Upper chimney bracket attachment point width	9 7/8	250
Upper chimney bracket attachment point height	1	25

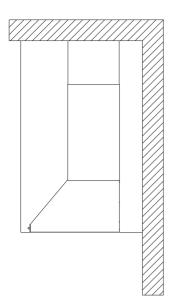
VENTING OPTIONS

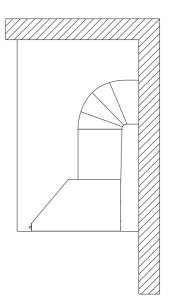
Attention should be given to ensure that any applicable regulations concerning the discharge of exhaust air are fulfilled.

Ducted

It is recommended that 8'' (203mm) diameter, rigid or semi-rigid ducting is used. This will require a $8 \frac{1}{4''}$ (210mm) (min) round hole in the ceiling or wall. Care should be taken to position the hole correctly.

For optimal efficiency use the shortest and straightest duct route possible and use rigid or semi-rigid ducting for reduced noise and increased airflow. Flexible metal ducting should only be used as a last resort (ie in difficult installations) and if used ensure that it is straight, smooth and extended as much as possible.

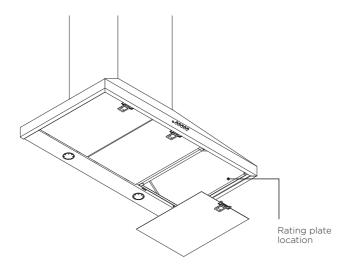




Recirculating

To enable the product to operate with the air recirculating, purchase a recirculation diverter and carbon filters (refer to the 'Parts and accessories' section). This recirculation diverter is required to channel the air out the side vents at the top of the chimney and the carbon filters are required to remove odors.

A ducting hole is not required in the wall or ceiling if the ventilation hood is installed to operate with exhaust air recirculating.

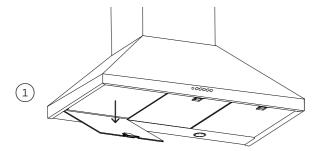


Before connecting the range hood to the power supply, ensure the voltage and frequency indicated on the rating plate match that of the installation location.

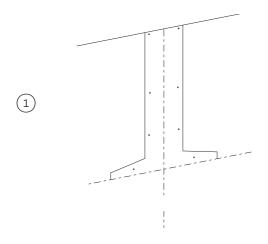
MODEL	FREQUENCY	VOLTAGE
HC24, HC30, HC36	60 Hz	120 V

PREPARE RANGE HOOD

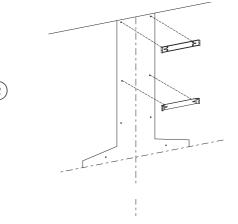
Warning: Failure to install the screws or fixing device in accordance with these instructions may result in an electrical hazards.



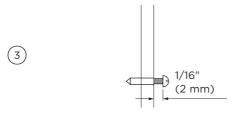
Remove the filters -pull the catch and tilt the filter downwards until it disengages from the supports.



Temporarily mark the height of the bottom of the range hood and the centre of the cooktop on the wall according to the information provided in 'Installation Height'.



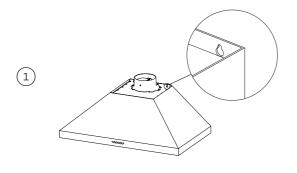
Attach the chimney bracket and upper chimney bracket (if using the upper chimney). Use the 1 3/16" (30mm) screws and expansion plugs if attaching to masonry.



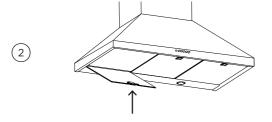
Attach the upper hood mounting screws. Use the 1 3/16" (30mm) screws and expansion plugs if attaching to masonry.

Ensure that there is a 1/16" (2mm) gap between the screw head and the wall.

HANG RANGE HOOD

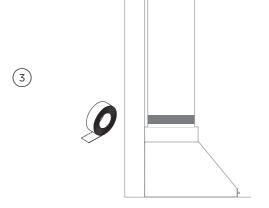


Hang the range hood off the upper range hood mounting screws with 1/16" (2mm) gap. Hang off the keyhole attachment points on the back of the range hood then tighten the screws.

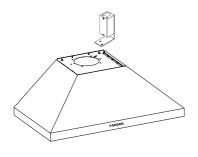


Attach the lower range hood mounting screws to fix the range hood to the wall.

Refit the filters.



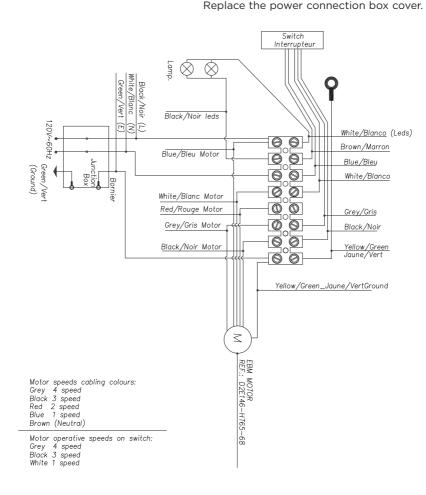
Attach ducting to the ducting adapter using aluminium duct tape.



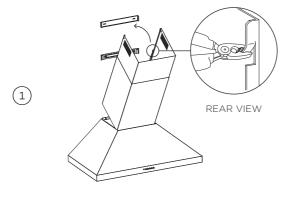
- Run three wires from the power connection box on the rangehood to the power point.
- ② Two wires for the power supply and one for the ground wire.

Open the power connection box on the range hood and secure the power conductor with a strain relief (not included).

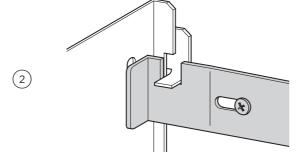
- 3 Connect the power conductors to the conductors for the range hood, black to black and white to white.
- ① Connect the grounding wire (green or bare) to the ground conductor (green) of the range hood power connection box. Secure all the connections with wire nuts.



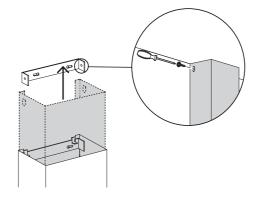
ATTACH CHIMNEY



Bend the tabs on the chimney.



Place chimney around the range hood chassis and hang off the chimney bracket.



Extend the upper chimney and attach to the upper chimney bracket with 10mm screws.

TO BE COMPLETED BY THE INSTALLER Range hood is correctly installed and 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 mains switch is accessible to the customer and switched on. Operation of the product has been tested, refer to user guide. Complete and keep for safe reference: Model Serial no. Purchase date Purchaser Dealer address Installer's name Installer's signature Installation 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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