

# Harvey Norman

**HNE & HNR Undercupboard Rangehoods  
Installation Instructions & User Guide**



## It is important to follow the installation instructions.

By following these instructions for the installation, use and care of your Harvey Norman under cupboard rangehood will ensure many years of safe and reliable operation.

### Clearance from cooktop to Rangehood

#### For electric hot plate cooktops

Please follow the manufacturer's instructions / recommendations.

#### For Induction cooktops

Induction cooktops may present problems with condensation on filters of rangehoods.

All Qasair rangehoods installed above an induction cooktop must be installed no less than 750mm between the induction cooktop and the rangehood.

#### For gas cooktops

All Harvey Norman HNE & HNR rangehoods installations over a gas appliance **must** comply with (AS/NZS 5601.1).

The requirements for the installation of Gas Appliances (AS/NZS 5601.1) states that the rangehood be installed as per the Rangehood and gas cooking appliance manufacturers instructions. Where a difference occurs, the greater clearance shall apply. If no dimension is specified, the clearance between the supporting surface for the cooking vessel of the gas cooking appliance and the rangehood shall not be less than 650mm.

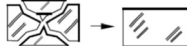
If the gas appliance is designed for use without a cooking vessel (as defined by AS/NZS 5601.1), then the clearance from the cooking surface to the grease filter shall be no less than 1200mm.

We recommend that Harvey Norman Rangehoods HNE & HNR be installed 700 to 800mm above the highest part of the supporting surface of the cooking vessel, and a minimum height of 750mm above Induction Hotplates. When the rangehood is installed in a galley or partially enclosed kitchen the rangehood can be installed between 900 to 1000mm above the highest part of the supporting surface of the cooking vessel.

The Harvey Norman HNE & HNR rangehoods are designed to be installed into cupboards over hotplates and can vary in height due to the kitchen design. The rangehood can be installed flush or proud mount. For flush mount the cupboard base panel should be recessed 12mm. In either case the minimum clearance of the rangehood shall be no less than 650mm above the top of the highest gas burner or electric hotplate.

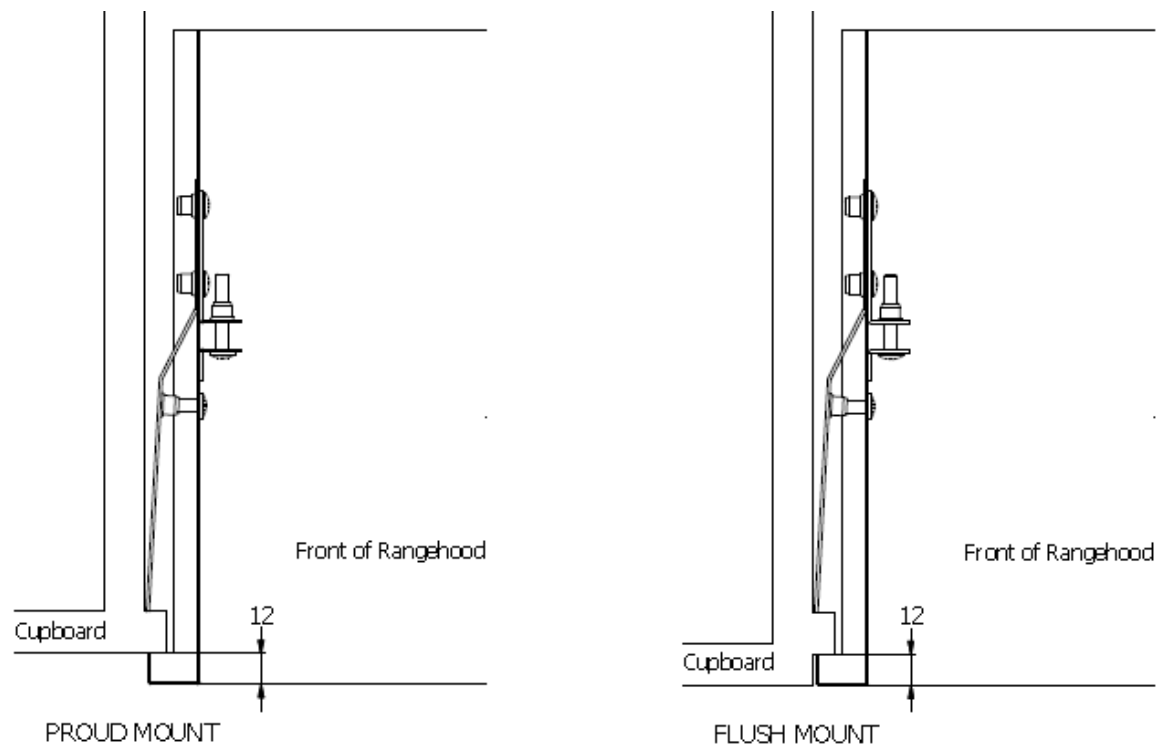
1. The installation of Harvey Norman Rangehoods must comply with the information in this booklet.
2. It is necessary to allow electrical disconnection of the Rangehood after installation.  
This may be achieved by either.
  - a. Installing a power point to an accessible area for the Rangehood.
  - b. Incorporating a wall switch to the fixed wiring that supplies the Rangehood.
3. Every Harvey Norman Rangehood must be ducted to the outside atmosphere by the use of metal rigid ducting. **Do not use of any type of plastic PVC piping.** Rangehoods must not be vented into a wall cavity or a ceiling space. This prevents a build-up of grease, which can be a fire risk. Ensure the external outlet vent does not restrict the airflow in any way, as this may result in reduced performance.

4. Harvey Norman Rangehoods must be ducted in duct work equivalent to the outlet of the rangehood ie: The cross-sectional area of the rangehood outlets and the duct work must be equal. Do not reduce the duct size or have sharp bends. Enlarge the duct size if the duct is to run 6 metres or longer. Advice from Qasair is available to ensure optimum performance. Always use non-flammable materials to minimise the risk of fire in the duct at a later date.
5. Ensure ducting used for HNE & HNR is a minimum size of ø200 per fan.
6. Always adequately ventilate the room when the rangehood is in use at the same time as appliances burning gas or other fuels.
7. **WARNING:** Incorrect venting will result in additional noise and a reduction in efficiency. Exhaust air must not be discharged into any chimney or flue, which may carry combustible products from other sources.
  - a) Do not discharge the air-flow from the rangehood into a flue used for exhausting fumes from burning gas or fuel;
  - b) If cleaning is not carried out in accordance with the instructions as listed in this manual, you may have an increased risk of fire;
  - c) Accessible parts of the rangehood may become hot when used with cooking appliances;
  - d) 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 use of the appliance by a person responsible for their safety.
  - e) Children should be supervised to ensure that they do not play with the appliance.
8. Do not flambé under the rangehood.
9. If the supply cord is damaged, an authorised service centre or licensed electrician must replace it.
10. The lights in the rangehoods are LED and come with a night light.
11. To reduce the risk of fixing screws coming in contact with live parts, do not drill or screw into the rangehood. Live wires are encapsulated where possible to prevent user contact. If necessary, drill from the inside out and only through single sheet material.
12. When attaching ducting to the unit, do not attach (rivet, silicone, etc) to fan spigot. Attach ducting to top of unit.
13. Do not use other commercially available roof cowls, as they may restrict airflow significantly.
14. Please contact Condari Pty Ltd to arrange an authorised technician to replace any cracked protective glass shields for the LED lights.



# INSTALLATION INSTRUCTIONS

## Cupboard cutout size and Install options

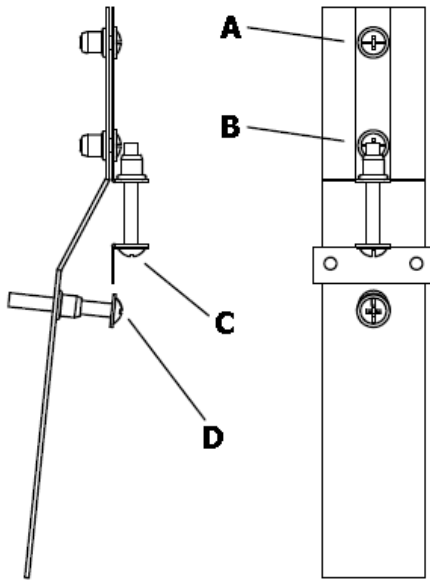


MODEL	MOTOR BOX SIZE	HOOD BASE SIZE	CUPBOARD BASE MIN.	CUT OUT SIZE
HNR 60L-1 T	240 x 580mm	280 x 600mm	295 x 610mm	250 x 585mm
HNR 90L-1 T	240 x 880mm	280 x 900mm	295 x 910mm	250 x 885mm
HNR 90L-2 T	240 x 880mm	280 x 900mm	295 x 910mm	250 x 885mm
HNE 60L-1 T	340 x 570mm	380 x 600mm	395 x 610mm	350 x 575mm
HNE 90L-1 T	340 x 870mm	380 x 900mm	395 x 910mm	350 x 875mm
HNE 90L-2 T	340 x 870mm	380 x 900mm	395 x 910mm	350 x 875mm
HNE 120L-2 T	340 x 1170mm	380 x 1200mm	395 x 1210mm	350 x 1175mm

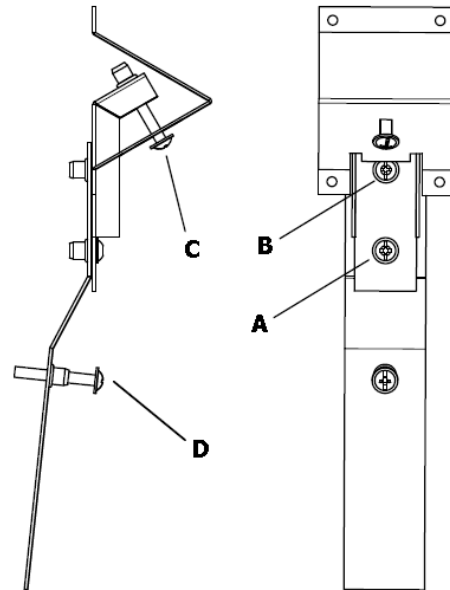
## INSTALLATION INSTRUCTIONS

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### For HNE Rangehoods

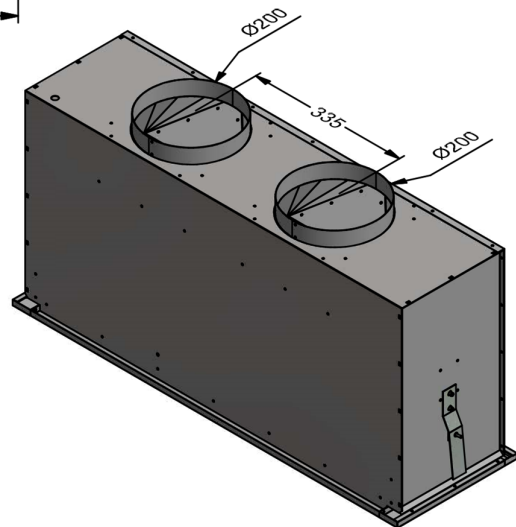
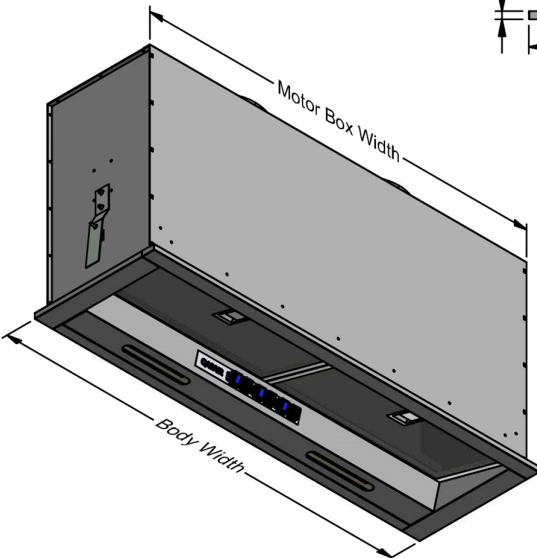
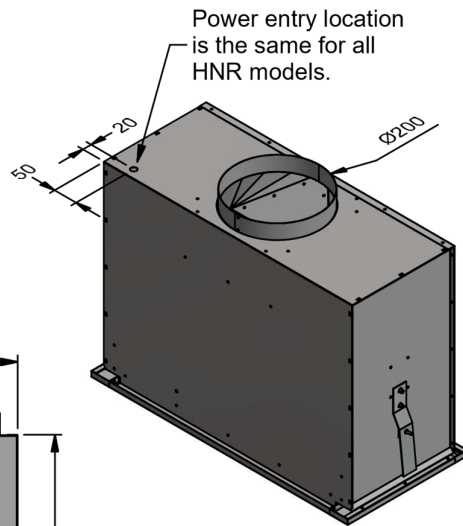
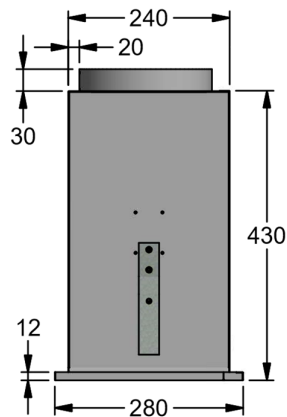
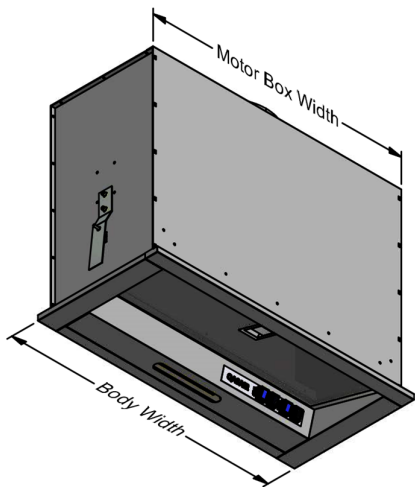


### For HNR Rangehoods

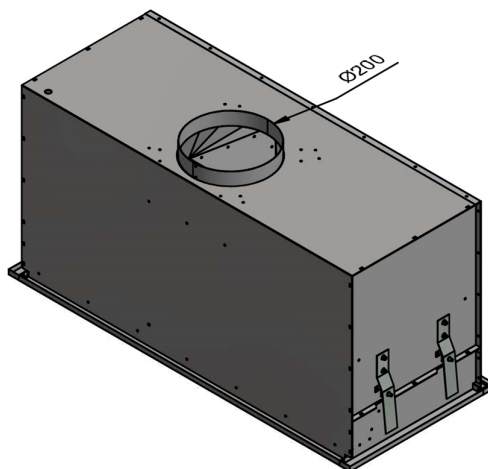
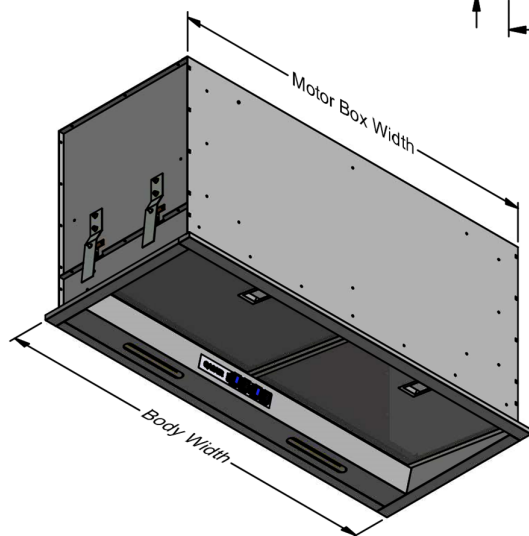
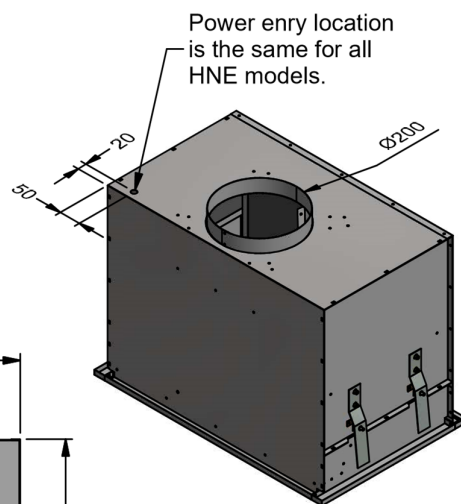
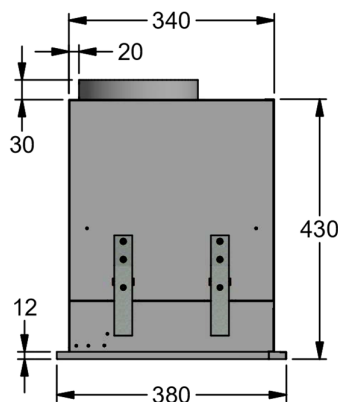
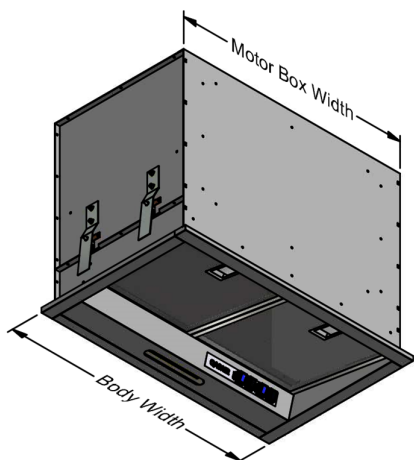


1. Loosen screws 'A' and 'B' by turning anti clockwise.
2. Turn screw 'D' anti-clockwise to extend the outer spring bracket.
3. Insert the rangehood into the cut out. Ensure spring brackets are positioned on top of cupboard base. Turn screw 'C' clockwise to align rangehood with cupboard base.
4. Do not over tighten.
5. Tighten screw 'A' by turning clockwise to lock fixing bracket.
6. Fit off ductwork as required.
7. To remove rangehood, turn screw 'D' clockwise.

An accessible 10A GPO is to be provided near the top RHS of the Rangehood for connection.

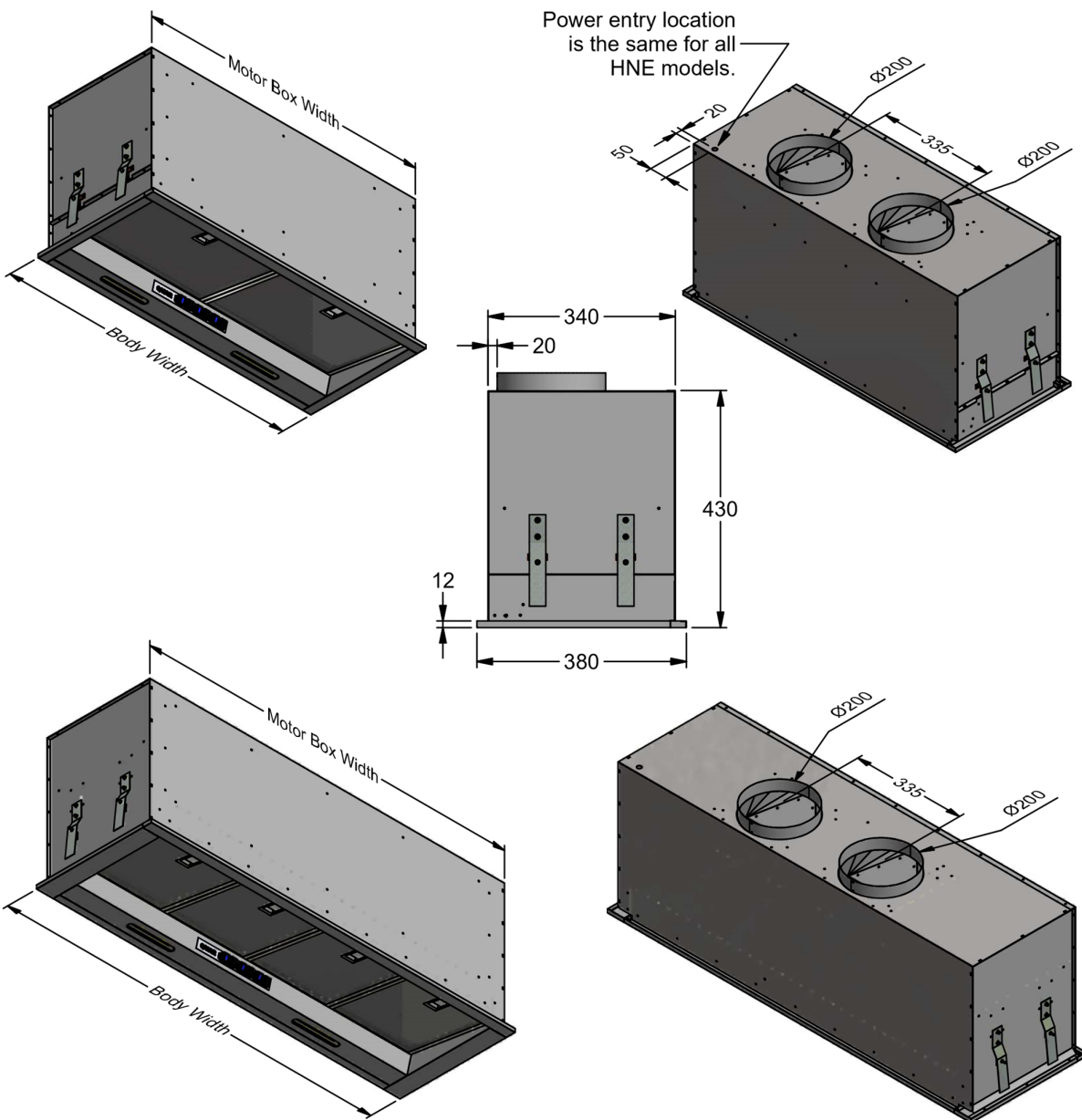


Model	HNR 60L-1 T	HNR 90L-1 T	HNR 90L-2 T	Model	HNR 60L-1 T	HNR 90L-1 T	HNR 90L-2 T
Body Width	600mm	900mm	900mm	Filter Size	514mm x 177mm	407mm x 177mm	407mm x 177mm
Motor Box / Flue Width	580mm	880mm	880mm	Conversion Top/Back Back/Top	NO	NO	NO
Motor Qty	1	1	2	Electrical Connection	10 Amp Lead	10 Amp Lead	10 Amp Lead
LED Light	Cool	Cool	Cool	Minimum Height (H =)	N/A	N/A	N/A
Nightlight	YES	YES	YES	Maximum Height (H =)	N/A	N/A	N/A
Light Qty	1	2	2	PowderKote® Available All-thread Fixing Centres	N/A	N/A	N/A
Light Centres	Centre	430mm	430mm	Corner Type	Square	Square	Square
Filter Qty	1	2	2				
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Model	HNE 60L-1 T	HNE 90L-1 T	Model	HNE 60L-1 T	HNE 90L-1 T
Body Width	600mm	900mm	Filter Size	272mm x 272mm	422mm x 272mm
Motor Box / Flue Width	570mm	870mm	Conversion Top/Back Back/Top	NO	NO
Motor Qty	1	1	Electrical Connection	10 Amp Lead	10 Amp Lead
LED Light	Cool	Cool	Minimum Height (H =)	N/A	N/A
Nightlight	YES	YES	Maximum Height (H =)	N/A	N/A
Light Qty	1	2	PowderKote® Available	N/A	N/A
Light Centres	Centre	430mm	All-thread Fixing Centres	N/A	N/A
Filter Qty	2	2	Corner Type	Square	Square
			Condari Pty Ltd. Version: B 21/03/2018F Page 1 of 2		

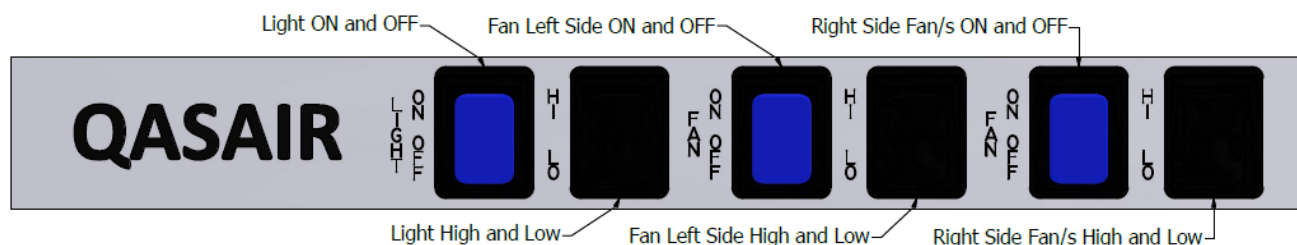




Model	HNE 90L-2 T	HNE 120L-2 T	Model	HNE 90L-2 T	HNE 120L-2 T
Body Width	900mm	1200mm	Filter Size	422mm x 272mm	272mm x 272mm
Motor Box / Flue Width	870mm	1170mm	Conversion Top/Back Back/Top	NO	NO
Motor Qty	2	2	Electrical Connection	10 Amp Lead	10 Amp Lead
LED Light	Cool	Cool	Minimum Height (H =)	N/A	N/A
Nightlight	YES	YES	Maximum Height (H =)	N/A	N/A
Light Qty	2	2	PowderKote® Available	N/A	N/A
Light Centres	430mm	545mm	All-thread Fixing Centres	N/A	N/A
Filter Qty	2	4	Corner Type	Square	Square
			Condari Pty Ltd. Version: B 21/03/2018F Page 2 of 2		

## RANGEHOOD CONTROLS & CLEANING

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### RANGEHOOD CLEANING

Qasair Rangehoods are made from stainless steel, either type 304 or type 316.

\* Type 304 is classified as 18/8 stainless steel

\* Type 316 is classified as 18/10 stainless steel

This means that the stainless steel is made of 18% nickel and either 8% or 10% of chromium respectively.

Stainless steel gets its protective coating from the chromium oxidising in the air to form a protective surface of chromium oxide. This can be attacked by different substances, such as salt water or sea air. The stainless steel will start to show pit marks which are referred to in the industry as tea staining. This will happen to marine grade stainless steel type 316 in the same way it will happen to stainless steel type 304, it will just take longer to happen.

The way to overcome this is to clean the stainless steel with warm soapy water and then polish it with a cloth so that the chromium will oxidise again.

When exposed to sea water or seaside conditions this is only a stop gap measure as the attack will start again.

With stainless steel rangehoods exposed in Alfresco areas we recommend spraying the hood with vegetable oil and rubbing it all over the rangehood, if it is going to be unused over a period of time.

### FILTER CLEANING

**For the best results, please clean filters regularly.**

**Condari recommends cleaning filters once per month, or immediately after heavy use. You can do this by hand washing in warm soapy water, or by placing filters in the top rack of the dishwasher using a detergent of pH 8 or less.**

**Note: Washing the filters in the dishwasher may cause discolouration of the filters.**

**We recommend washing filters in the dishwasher without detergent or use a powdered detergent.**

**Ensure the filters are completely dry before placing them back.**

**Do not operate the rangehood without the filters installed.**

**Condari does not recommend the use of corrosive, caustic or acidic products, particularly industrial or citric products.**

**Condari has experienced problems with many of the dishwashing detergents now on the market. Particularly with the tablet type detergents as many come from overseas, which are made for a hard water environment. We have found that these detergents have a deleterious effect on the filters and the result is that the filters last for about 50 to 60 washes.**

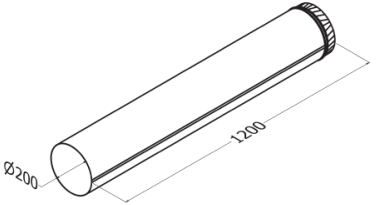
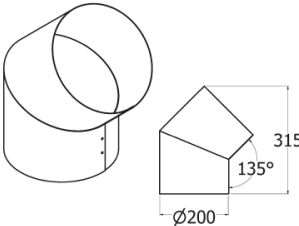
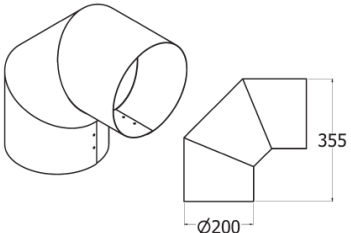
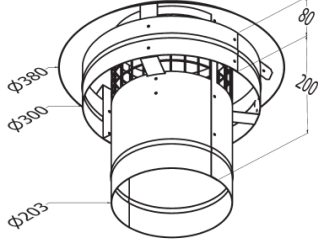
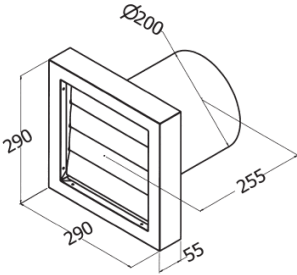
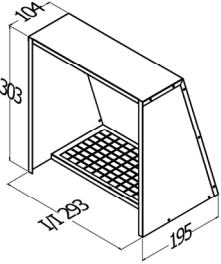
**This is equivalent to about 5 to 6 years life.**

# **QASAIR Ducting**

## SINGLE MOTOR DUCTING

SS = Stainless Steel

CP = Colourbond OR Powderkote

		
<p>123. DR-200 DR-200 CP Duct Length 200Ø</p>	<p>124. DR-200/45 200Ø bend 45°</p>	<p>125. DR-200/90 200Ø bend 90°</p>
		
<p>126. CH-200 CH-200 CP Chairman's Hat 200Ø</p>	<p>128. BD/WV-200 Back Draft Wall Vent 200Ø</p>	<p>129. WCV-200 WCV-200 SS Wall vent cover to suit single motor 200Ø</p>

Please note: Different size and shape duct work is available from Condari, please contact your nearest retailer for more information or visit [www.condari.com.au](http://www.condari.com.au).

# TWIN MOTOR DUCTING

SS = Stainless Steel

CP = Colourbond OR Powderkote

<p>TR-200-300 Transition from twin 200Ø to 300Ø</p>	<p>TR-200-300 Transition from twin 200Ø to 250 SQ</p>	<p>TR-200-300 Transition from twin 200Ø to DL2</p>
<p>224. DR-300 DR-300 CP Duct Length 300Ø</p>	<p>225. DR-300/45 300Ø bend 45°</p>	<p>226. DR-300/90 300Ø bend 90°</p>
<p>227. CH-300 CH-300 CP Chairman's Hat 300Ø</p>	<p>229. BD/WV-300 Back Draft Wall Vent 300Ø</p>	<p>230. WCV-300 WCV-300 SS Wall vent cover to suit twin motor 300Ø</p>

Please note: Different size and shape duct work is available from Condari, please contact your nearest retailer for more information or visit [www.condari.com.au](http://www.condari.com.au).

# CONDARI PTY LTD APPLIANCE GUARANTEE

The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product which the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Condari P/L in Melbourne (and by their agency in Country Areas and other States) warrants that the appliance will be free from defects in materials and workmanship for a period of 36 months from the date of purchase of the appliance to the consumer.

If there is a breach of this warranty, Condari will rectify, free of charge, at it's nearest service centre or authorised service agency any fault caused by faulty workmanship or material at the time of manufacture occurring in the appliance within 36 months from the date of purchase of the appliance to the customer.

This warranty is conditional upon the appliance being used only for personal, domestic and household purposes and installed and operated in accordance with QASAIR Instructions and does not apply to articles which by their nature are consumable.

If a defect is caused by neglect, misuse, or failure to follow operating instructions where special precautions are detailed for user attention then a charge shall be made for the service call.

For example:

With the filters the user is specifically requested:

- To clean filter regularly by handwashing or placing in a dishwasher at least once a month.
- To turn rangehood off after each use.
- Note: Warranty under the cleaning page.

Where a claim is made under warranty, CONDARI reserves the right to determine whether or not the fault is caused by faulty workmanship or material or that the part is defective.

The consumer shall be fully responsible for all expenses whatsoever incidental to the removal of parts from the unit or to their replacement. Amongst other things, such responsibility shall extend to damaged walls, tiles, fixtures and fittings whether or not the unit has been built into a cupboard and irrespective of the stage either of its installation or the fitting of any other item whatsoever in its vicinity.

No other person, or firm or corporation is authorised by Condari to offer or give on its behalf any other greater warranty than that given by Condari under this warranty.

Condari Pty Ltd provides to all QASAIR Rangehoods a 10 year motor replacement warranty. This is a change over warranty.

The installation of the rangehood must comply with the information in this guide. Failure to follow the instructions may result in loss of the warranty.

We do point out that incorrect installation such as the ducting being the incorrect size or the duct run being too long will result in the motor failing and possible burning out.

The change over will be carried out by a authorized technician and will be charged at the rates applicable at time of the change over.

# EXCLUSIONS

There are some exclusions from the Condari Pty Ltd Guarantee. (on previous page)

QASAIR Rangehoods are not to be used over barbecues approved for outdoor use only.

CONDOR Rangehoods are designed to be used over all domestic barbecues available in AUSTRALIA.

For barbecues approved for outdoor use only we recommend the installation of a CONDOR rangehood. CONDOR rangehoods are designed to move a greater volume of air to cope with the extra heat and smoke that a barbecue will produce.

QASAIR rangehoods are designed for use over all domestic cooking appliances with a megajoule rating up to 50 mj. QASAIR does manufacture rangehoods for high powered appliances that exceed this rating, please consult with your QASAIR representative to determine which rangehood is suited to your needs or whether a special rangehood will need to be manufactured.

CONDARI will manufacture special rangehoods to go over commercial cooking appliances situated in domestic kitchens.



# STANDARD WARRANTY

Date purchased: \_\_\_\_\_

Purchased from: \_\_\_\_\_

Model: \_\_\_\_\_

Serial No: \_\_\_\_\_

The purchaser must fill in the above information and keep this with the original purchase document. This form must be produced if and when a claim is made under this warranty.

QASAIR Rangehoods are made in Ringwood, Australia.

Tel: +61 3 9482 7088

Fax: +61 3 9482 7011

Email: [sales@condari.com.au](mailto:sales@condari.com.au)

Please Note that the Warranty is from the date of purchase and the service technician will need to see proof of purchase before, he provides service under the guarantee.

If no proof of purchase can be provided, then the service call will be charged at standard rates, if proof is provided later reimbursement will be made.





# EXTENDED WARRANTY

Condari Pty Ltd provides an extended warranty from 36 months to 72 months if installed by an authorised Qasair installer and the below form is completed.

The authorised installer also offers a warranty on their workmanship for the same period of 72 months with a guarantee that the installation is in compliance with 'Qasair installation instructions'.

Customer Name: \_\_\_\_\_

Model Number: \_\_\_\_\_ Serial Number: \_\_\_\_\_

Purchased from: \_\_\_\_\_ Purchase Date: \_\_\_\_\_

Installer Name: \_\_\_\_\_ Installed Date: \_\_\_\_\_

Installer Signature: \_\_\_\_\_

Installer is to confirm the following:

- ☐ - Rangehood has been installed as per Qasair Instructions.
- ☐ - All Ducting installed is as per Condari type and size.
- ☐ - Ducting cross-sectional area has not been reduced along the length of the duct run.
- ☐ - All Ducting joints have been appropriately sealed.

Please note: The installation warranty does not cover the ageing process in a building or any problems due to storm damage.

Please Note that the Extended Warranty is from the date of purchase and the service technician will need to see proof of purchase before, he provides service under the guarantee.

If no proof of purchase can be provided, then the service call will be charged at standard rates, if proof is provided later reimbursement will be made.







Distributed in Australia by Condari Pty Ltd.

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**WA**

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