FISHER & PAYKEL

MODULAR COOKTOP

FLUSH AND PROUD INSTALLATION

MULTIPLE PRODUCT WITH DOWNDRAFT VENTILATION

CI365DTTB1, CI304DTTB1, CI244DTTB1, CI152DTTB1, CI152DB1, CI122DB1, CIT122DX1, CIT152DX1, CD5DB1 models

INSTALLATION GUIDE

⚠ WARNING!



Electric Shock Hazard

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

- Do not cook on a broken or cracked cooktop. If the cooktop surface should break or crack, switch the appliance off immediately at the mains power supply (wall switch) and contact a qualified technician.
- Switch the cooktop off at the wall before cleaning maintenance.

⚠ WARNING!



Fire Hazard

Failure to follow this advice may result in serious burns or death.

- Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
- NEVER try to extinguish a fire with water, but switch off the appliance and cover flame, eg with a lid or fire blanket, or use dry chemical or foam-type extinguisher.
- Do not store items on cooking surfaces.

⚠ WARNING!



Cut Hazard

Failure to use caution could result in injury.

- The razor-sharp blade of a cooktop scraper is exposed when the safety cover is retracted. Use with extreme care and always store safely and out of reach of children.

⚠ WARNING!



Hot Surface Hazard

Failure to follow this advice may result in death.

- DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS – Surface units may be hot even though they are dark in color.
- During use, accessible parts of this appliance will become hot enough to cause burns.
- Do not let body, clothing or any item other than suitable cookware contact with the ceramic glass until the surface is cool.
- Never leave metal objects (such as kitchen utensils) or empty pans on the cooktop as they can become hot very quickly.
- Beware: magnetisable metal objects worn on the body may become hot in the vicinity of the cooktop. Gold or silver jewellery will not be affected.
- Keep children away.
- Handles of saucepans may be hot to touch. Check saucepan handles do not overhang other cooking zones that are on. Keep handles out of reach of children.
- Failure to follow this advice could result in burns and scalds.

⚠ WARNING!



Health Hazard

Failure to follow this advice may result in death.

- This appliance complies with electromagnetic safety standards. However, persons with cardiac pacemakers or other electrical implants (such as insulin pumps) must consult with their doctor or implant manufacturer before using this appliance to make sure that their implants will not be affected by the electromagnetic field.

READ AND SAVE THIS GUIDE

To reduce the risk of fire, injury to persons or damage when using the appliance, follow the important safety instructions listed below. Read all the guidance before using the appliance. Ensure your appliance is properly installed and grounded by a qualified technician.

General Use

- Never leave the appliance unattended when in use. Boilover causes smoking and greasy spillovers that may ignite.
- Never use your appliance as a work or storage surface.
- Wear proper apparel — Loose-fitting or hanging garments should never be worn while using the appliance.
- Do not leave any magnetic item, e.g. cutlery, roast dish, etc. on your cooktop, including the cooking zones and user interface.
- Do not place or leave any magnetisable objects (eg credit cards, memory cards) or electronic devices (eg computers, MP3 players) near the appliance, as they may be affected by its electromagnetic field.
- We recommend using plastic or wooden kitchen utensils for cooking with your induction cooktop.
- Storage in or on appliance — Flammable materials should not be stored in an oven or near surface units.
- Do not place metallic objects such as knives, forks, spoons and lids on the cooktop surface since they can get hot.
- Do not place or leave aluminium foil on the cooktop.
- Never use your appliance for warming or heating the room.
- Do not use water on grease fires – Smother fire or flame or use dry chemical or foam-type extinguisher.
- Use only dry potholders — Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.

- Use proper pan size — This appliance is equipped with one or more surface units of different size. Always place small pans in the centre of the cooking zone. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to burner will also improve efficiency.
- After use, always turn off the cooking zones and the cooktop as described in this guide (ie by using the touch controls). Do not rely on the pan detection feature to turn off the cooking zones when you remove the pans.
- Do not use a steam cleaner to clean your cooktop.
- Do not place or drop heavy objects on your cooktop.
- Do not stand on your cooktop.
- Do not use pans with jagged edges or drag pans across the ceramic glass surface as this can scratch the glass.
- Do not use scourers or any other harsh/abrasive cleaning agents to clean your cooktop, as these can scratch the ceramic glass.
- Do not operate your cooktop by means of an external timer or separate remote-control system.
- Do not cook on broken cooktop — If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.

Child Safety

- Do not allow children to play with the appliance or sit, stand, or climb on it.
- Do not store items of interest to children in cabinets above the appliance. Children climbing on the cooktop could be seriously injured.
- Do not leave children alone or unattended in the area where the appliance is in use. Children of less than 8 years old must be kept away from the appliance unless continuously supervised. This appliance can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning the use of the appliance in a safe way and they understand the hazards involved. Cleaning and user maintenance shall not be done by children without supervision.

Cleaning

- Clean cooktop with caution — If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.

Servicing

- Do not repair or replace any part of the appliance unless specifically recommended in the user guide. All other servicing should be undertaken be a Fisher & Paykel trained and supported service technician or qualified person.
- If the power supply cable is damaged, it must only be replaced by a qualified technician.
- If the appliance is malfunctioning, then contact your Authorized Service Center or Customer Care to arrange for service. Do not use your appliance until it has been repaired by a Fisher & Paykel trained and supported service technician or qualified person.
- CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.

Standard Requirements

- This induction cooktop generates and uses ISM frequency energy that heats cookware by using an electromagnetic field. It has been tested and complies with Part 18 of the FCC Rules for ISM equipment. This induction cooktop meets the FCC requirements to minimize interference with other devices in residential installation. Induction cooktops may cause interference with television or radio reception. If interference occurs, the user should try to correct the interference by:
  - Relocating the receiving antenna of the radio or television
  - Increasing the distance between the cooktop and the receiver
  - Connecting the receiver into an outlet different than the receiver.

COMPONENTS REQUIRED

Supplied: Induction Cooktop and Teppanyaki

- ☐ Communication cable (1)
- ☐ Shims (6)
- ☐ T spacer (2)
- ☐ Securing brackets (4)
- ☐ Clamp screws (4)
- ☐ Joiner kit (supplied with auxiliary modules only)

Supplied: Downdraft Ventilation

- ☐ Backing plate
- ☐ Outlet to suit 3.25" x 12" metal ducting*
- ☐ Nuts
- ☐ Washers
- ☐ Shims (6)
- ☐ T spacer (2)
- ☐ Securing brackets (4)
- ☐ Clamp screws (4)
- ☐ Blower

Not supplied

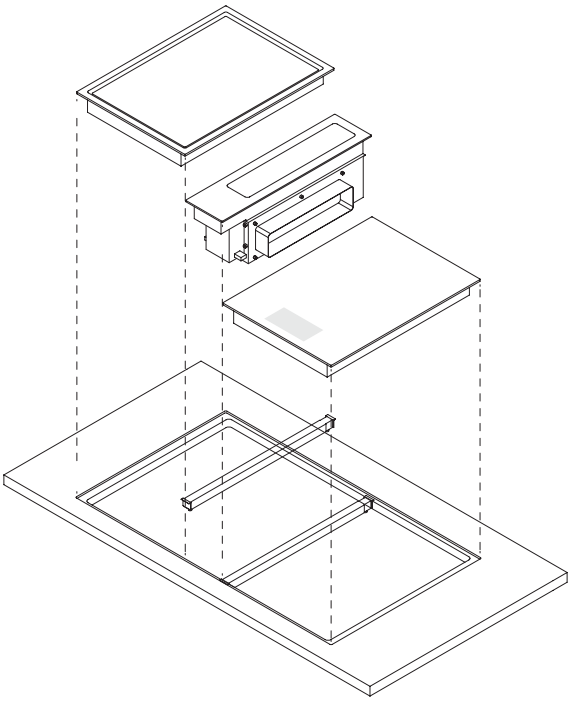
- ☐ **Ducting***
- ☐ Silicone gun
- ☐ Phillips screwdriver
- ☐ Level
- ☐ Box cutter
- ☐ Router
- ☐ Hex key
- ☐ Spanner
- ☐ Masking tape
- ☐ Duct tape
- ☐ Recirculation Kit (KRECIRCDDFT)
- ☐ Black installations: Black, matte finish silicone rated to 210°F (100°C) or above**
- ☐ Grey installations: Grey, matte finish silicone rated to 210°F (100°C) or above***

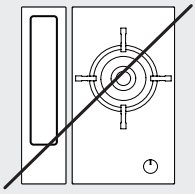
*Ducting must be purchased separately. Downdraft outlet and external blower are designed for 3.25" x 12" metal ducting. An optional accessory to allow for 2.25" x 12" metal ducting is available to purchase seperately via fisherpaykel.com (models: OAD225X12, OAB225X12).

**Recommendation: Maxisil N30 Matte Black | ***Recommendation: Maxisil A13 Anthracite

ACCESSING YOUR PRODUCT SPECIFICATIONS

For full product, cabinetry and service specifications, refer to the Planning Guide. To access the Planning Guide, scan the QR code or visit fisherpaykel.com/specify. Search by appliance type, product name or model code.





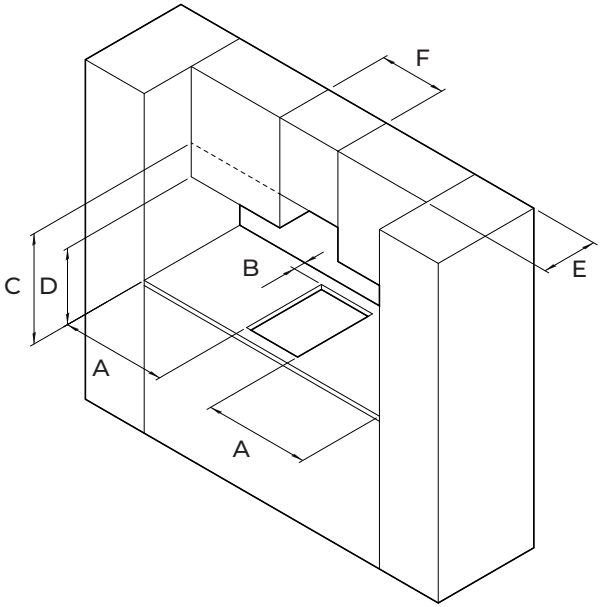
IMPORTANT NOTE

Modular Ventilation cannot be used alongside a gas cooktop.
Refer to the planning guide for more information.

CHECK CLEARANCES

IMPORTANT NOTE

Ensure clearances are achieved for the product with the greater clearance requirements.



CABINETRY CLEARANCE DIMENSIONS		INDUCTION AND TEPPANYAKI MODELS	
		IN	MM
A	Minimum clearance from side edges of cutout to nearest combustible surface	1 3/16	29
B	Minimum clearance from rear edge of cutout to nearest combustible surface	7/8	21
C	Minimum clearance from countertop to: Overhead cabinet centered above the cooktop (unprotected) Overhead cabinet centered above the cooktop (protected) Range hood	24	610
D	Minimum clearance from countertop to overhead cabinet not directly above cooktop	18	457
E	Maximum depth of overhead cabinetry	13	330
F	Minimum distance between overhead cabinets (not centered above cooktop)	combined cooktop width	

CHECK CLEARANCES

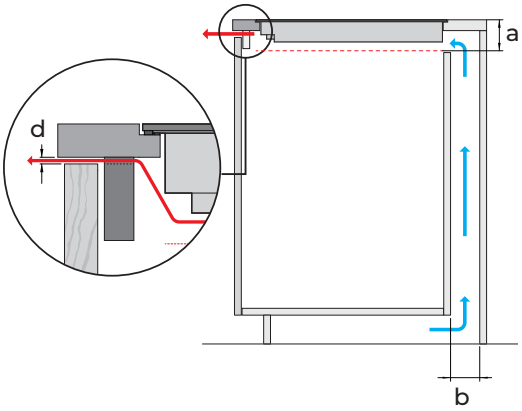
VENTILATION OVERVIEW

The Induction and Tepanyaki modules require ventilation to allow cooling of the electronic components within the chassis. When multiple products are installed their individual ventilation requirements must also be combined.

For detailed ventilation guidance, refer to the planning guide.

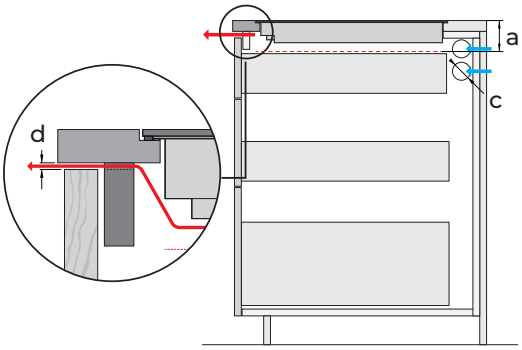
VENTILATION OPTION 1

INTAKE VIA SERVICE CHANNEL
Air is drawn up from the kick cavity through service channel at rear of cabinetry. If cavities are sealed, ventilation holes in toe kick panel are required.



VENTILATION OPTION 2

INTAKE VIA ADJACENT CABINETS
2x Ø50 holes are required in each side wall through to adjacent cabinets. Total of 4x holes required.



CLEARANCE REQUIREMENTS	in	mm
A Clearance below chassis from top of cook surface		
Induction 12", 15"	2 7/8	72
Induction 24", 30", 36"	3 5/8	91
Teppanyaki 12", 15"	3 7/16	86
Gas on Glass 15"	3	76

VENTILATION REQUIREMENTS				
INTAKE at rear	**in**	**mm**	**in²**	**cm²**
B via service channel, min depth	13/16	20	-	-
C through adjacent cabinets, per side wall*	2x Ø2"	2x Ø50	6.2	40
OUTLET at front				
D 3/16" (4mm) gap along width of chassis				
12"	10 1/16 x 3/16	255 x 4	1.6	10
15"	13 3/8 x 3/16	340 x 4	2.2	14
24"	21 7/8 x 3/16	555 x 4	3.4	22
30"	29 15/16 x 3/16	715 x 4	4.7	30
36"	33 11/16 x 3/16	855 x 4	5.3	34

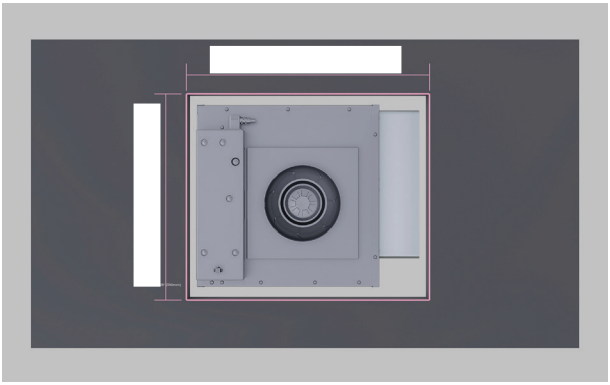
* Vents with equivalent-sized area possible. Must be positioned in front of product.

PRIOR TO INSTALLATION

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1. Ensure cabinetry and servicing specifications have been met and clearances have been considered.

Refer to the Planning Guide for details.



2. Create a 22 7/16" x 15 3/8" (570 x 390mm) cutout in the base of the cavity for the external blower.

Ensure cutout is oriented correctly for selected ducting option*.

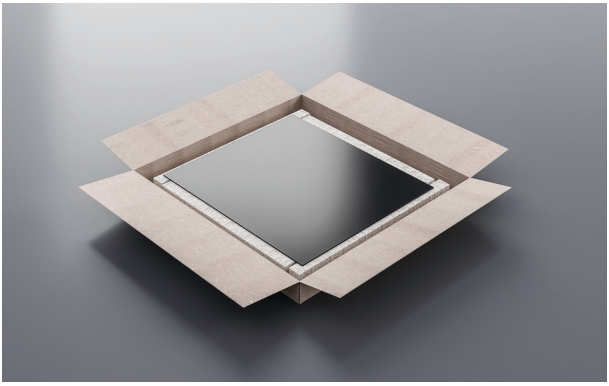
*Ducting must be purchased separately. Downdraft outlet and external blower are designed for 3.25" x 12" metal ducting. An optional accessory to allow for 2.25" x 12" metal ducting is available to purchase seperately via fisherpaykel.com (models: OAD225X12, OAB225X12).

**Recommendation: Maxisil N30 Matte Black | ***Recommendation: Maxisil A13 Anthracite

UNPACK ALL PRODUCTS



1. Ensure all products and accessories are present.



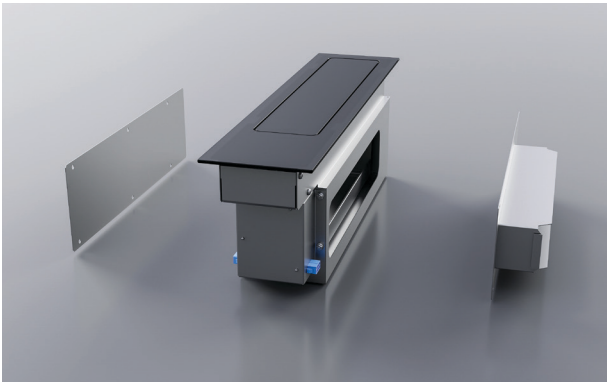
2. Carefully remove products from cartons. Set aside on a protected surface.

Dispose of packaging responsibly.

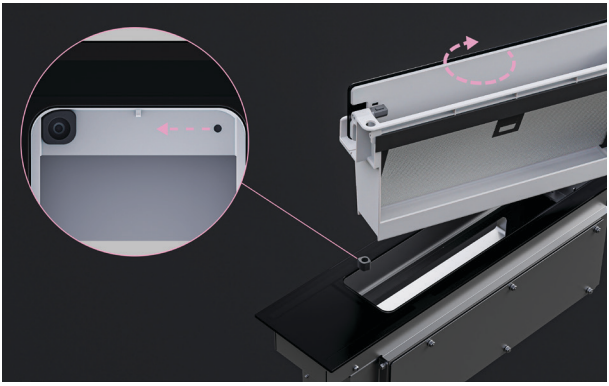


3. Test electrical connections of all products before proceeding with installation.

PREPARE PRODUCTS



1. Remove foam tape backing before attaching the downdraft outlet and backing plate using the supplied nuts and washers. Ensure ducting orientation has been considered.

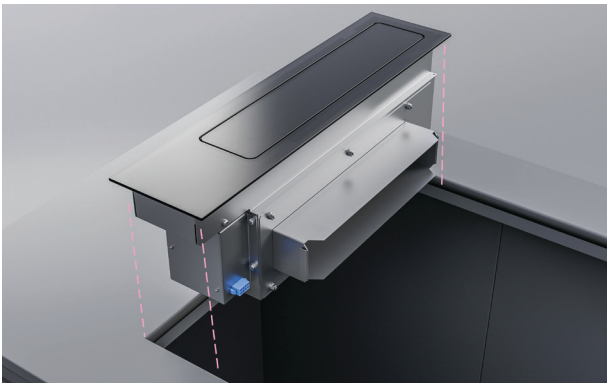


2. If required, lift the inner box out of the chassis. Remove both downdraft alignment guides and refit on the opposite side.

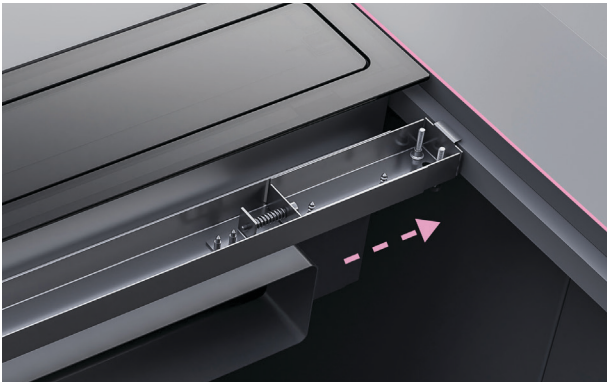
Ensure the grease filter faces the outlet.

INSTALL IN CUTOUT

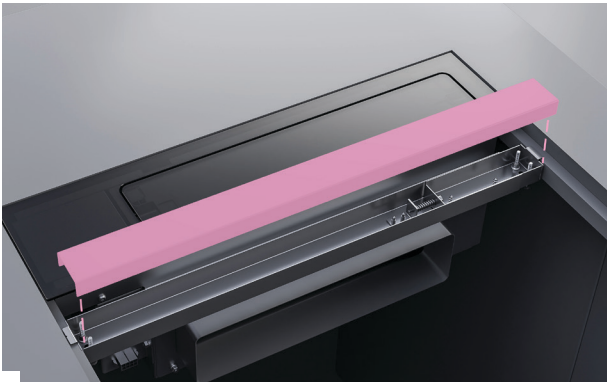
Note: both flush and proud installations are possible. Refer to the planning guide for details.



1. Gently lower the first product into the cutout. If a downdraft unit is being installed at the edge of the cutout, we recommend installing this first.

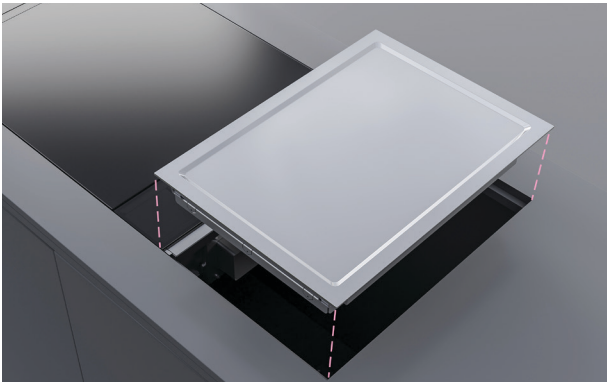


2. Align the rear of the joining bracket to the back edge of the cutout and slot into place..



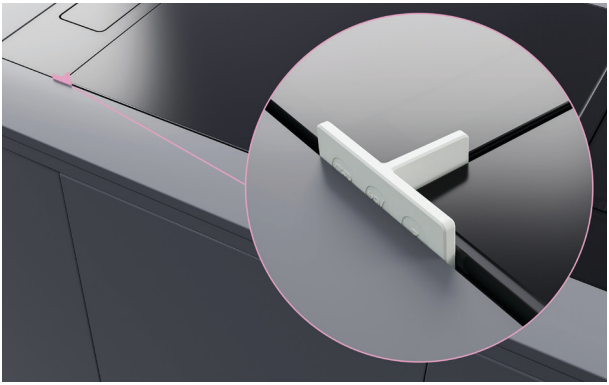
3. Fit cover onto joining bracket before sliding it under the adjacent product.

INSTALL IN CUTOUT

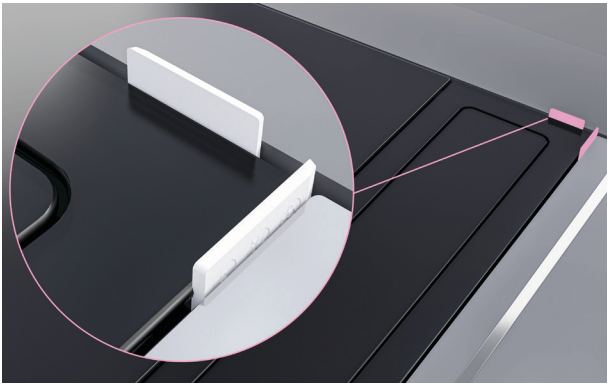


4. Gently lower additional products and joining strips into cutout as required.

ALIGN PRODUCTS



1. Slot the T spacers between the products. Adjust positioning to ensure even spacing between products is achieved.



2. Flush installations:

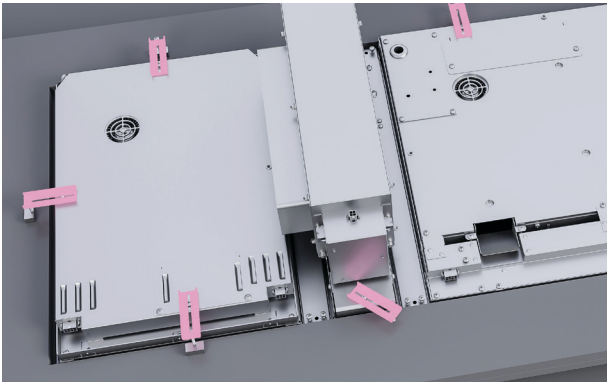
Place the shims around the outer edges of the cutout. Adjust positioning to ensure even spacing around the product set is achieved.



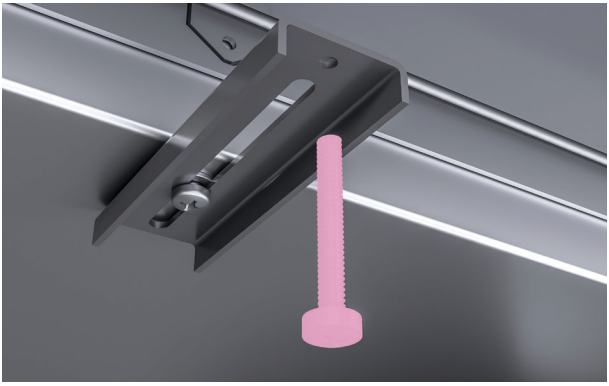
3. Place the shims on top of the product to gauge what thickness is required to create a level installation.

Slot the shims under the products to raise as needed.

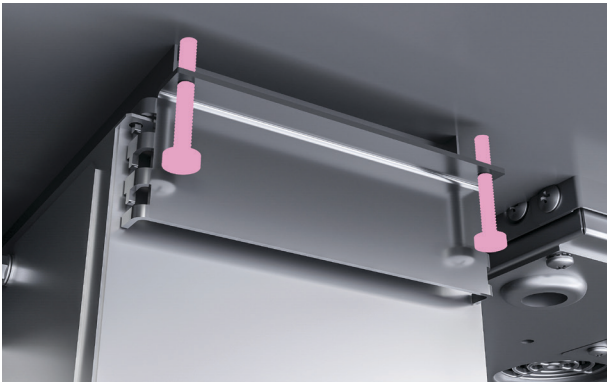
SECURE TO CUTOUT



1. Fit the securing brackets to the base of each cooktop. A minimum of two brackets per cooktop is recommended.



2. Tighten all clamp screws to secure the cooktops to the cutout and joiner strips.



3. Tighten the front and rear clamping bracket screws to secure the downdraft to the cutout.

CONNECT POWER

Before connecting to the mains power supply check that:

- The domestic wiring system is suitable for the power drawn by the cooktop.
- The voltage corresponds to the value given on the rating plate.
- The power supply cable sections can withstand the load specified on the rating plate.

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Refer to the Planning Guide for full service information.

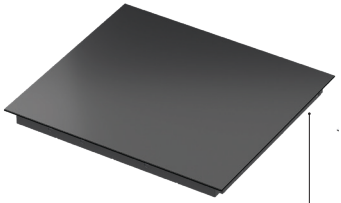
RATING PLATE LOCATIONS

Downdraft Ventilation



Right rear of product

Induction Cooktops



Right rear of product

Teppanyaki Cooktops



Right rear of product

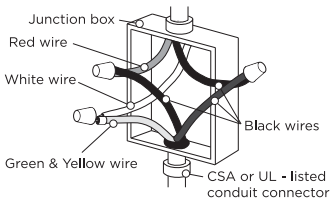
CONNECT POWER

CD5DB1 MODELS

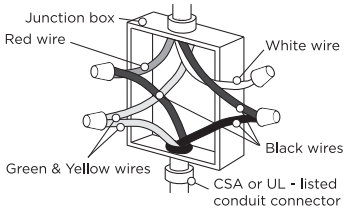
These models are supplied with a power cable. The power cable should only be removed or replaced by a Fisher & Paykel trained and supported service technician or qualified person.

CI122D, CI152D, CIT122D, CIT152D MODELS

3 wire cable from power supply

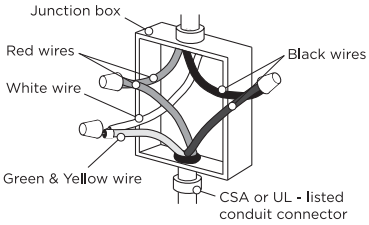


4 wire cable from power supply

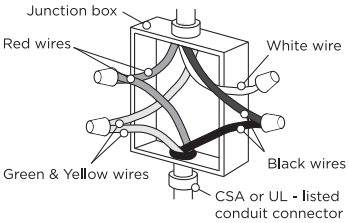


CI244D, CI304D, CI365D MODELS

3 wire cable from power supply

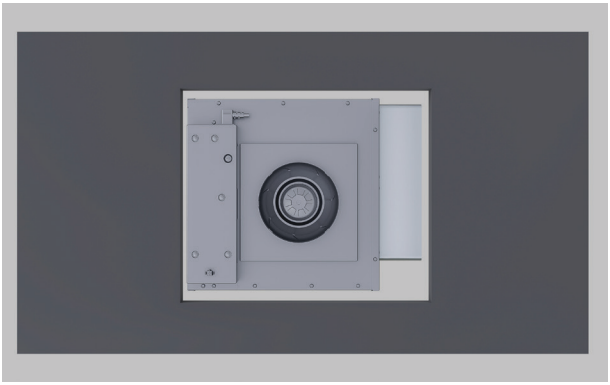


4 wire cable from power supply

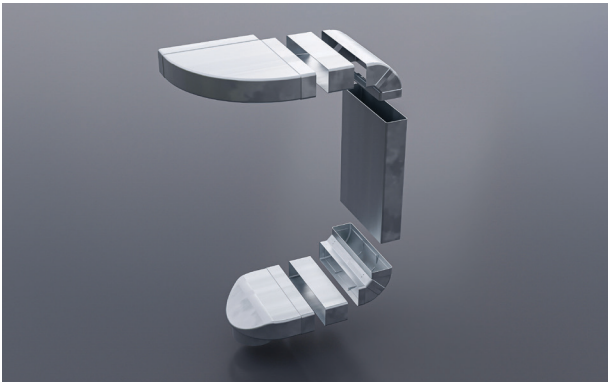


INSTALL DUCTING

Ducting shown is for reference only. Ducting and Recirculation Kit must be purchased separately. Refer to planning guide for Recirculation Kit specifications and alternative duct layouts.

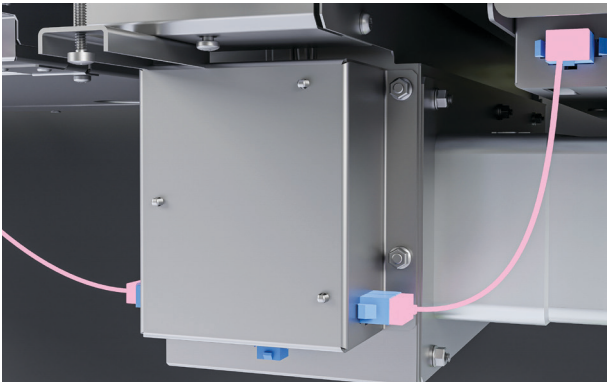


1. Place the blower into the cutout and connect power cord.



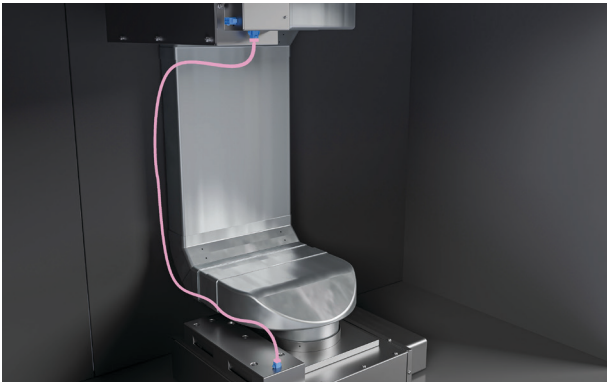
2. Prepare ducting to required lengths. Secure and seal as required. Connect blower outlet to the ducting and/or Recirculation Kit as needed.

LINK PRODUCTS

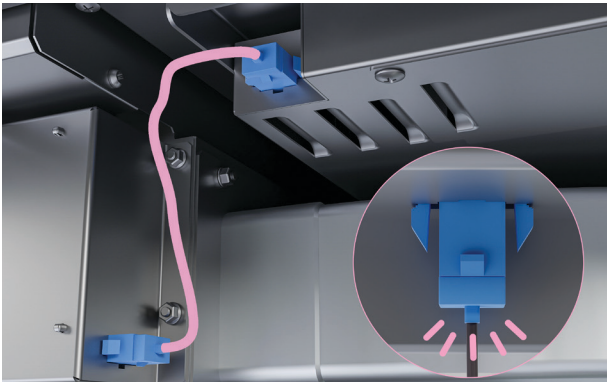


1. Link each product to the adjacent product using the supplied communication cables.

Ensure 8-pin plugs are only connected to 8-pin sockets and 6-pin plugs connected to 6-pin sockets.



2. Connect the downdraft unit to the blower via the central communication cable.

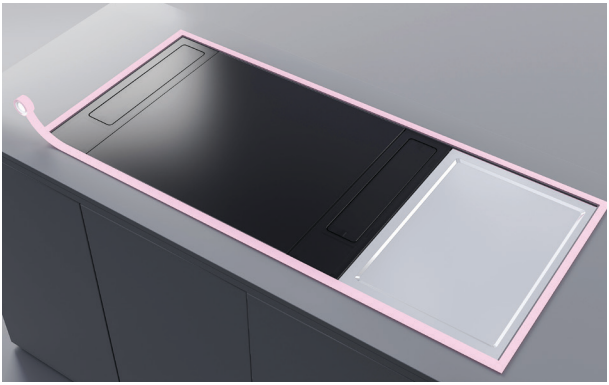


3. Ensure all cables click into place and are routed away from cooktop exhausts.

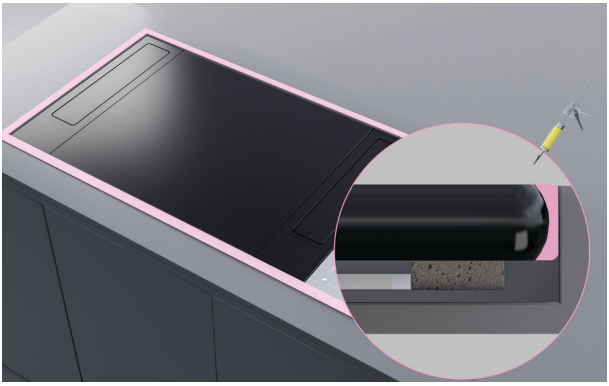
Secure to cabinetry using the supplied harness retainers.

SEAL PRODUCTS INTO CAVITY (FLUSH INSTALLATIONS)

Some silicone products may cause discoloration of the glass, in most cases this will fade as the silicone cures. Avoid applying too much silicon during installation.



1. Mask the area to be siliconed ensuring all products and the countertop are protected.



2. Carefully apply silicone in the gaps between the countertop and products.

Wipe away any excess silicone and remove mask once silicone has dried.

INSTALLER CHECKLIST

TO BE COMPLETED BY THE INSTALLER

GENERAL

- ☐ Specified clearances have been maintained.
- ☐ Products are level – front to back and side to side.
- ☐ All packaging materials have been removed.
- ☐ There is constant flow of cool air from the cabinetry to the base of the products.
- ☐ Products have all been securely clamped.
- ☐ Communication cables are routed away from cooktop exhausts, secured to cabinetry and are unobstructed by drawers or other objects.
- ☐ Module layout configuration has been checked and confirmed.
- ☐ Touch controls and displays are functioning.
- ☐ Ducting has been secured and taped into place

ELECTRICAL

- ☐ Receptacle with correctly rated over-current protection is provided for service cord connection.
- ☐ Adequate ground connection established.
- ☐ Power supply cable is accessible and is not touching the products.

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