FISHER & PAYKEL

BUILT-IN OVEN

OB24SDPT models

INSTALLATION GUIDE

US CA

⚠ WARNING!



Electric Shock Hazard

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

- Before carrying out any work on the electrical section of the appliance, it must be disconnected from the mains electricity supply.
- Connection to a good ground wiring system is absolutely essential and mandatory.
- Alterations to the domestic wiring system must only be made by a qualified electrician

⚠ WARNING!



Fire Hazard

Failure to follow this advice may result in overheating, burning, and injury.

- Do not use adapters, reducers, or branching devices to connect this appliance to the mains power supply.

⚠ WARNING!



Cut Hazard

Failure to use caution could result in injury.

- Take care: some edges are sharp.

WARNING!

To avoid hazard, follow these instructions carefully before installing or using this appliance.

- Please make this information available to the person installing the appliance—doing so could reduce your installation costs.
- Save these instructions for the local inspectors use.
- This oven is to be installed and connected to the electricity supply only by an authorized person.
- If the installation requires alterations to the domestic electrical system, call a qualified electrician. The electrician should also check that the socket cable section is suitable for the electricity drawn by the oven.
- The oven must be grounded.
- Installation must comply with your local building and electricity regulations.
- 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.
- If the power supply cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- A circuit breaker is recommended.
- Do not use adaptors, reducers or branching devices to connect the oven to the mains electricity supply, as they can cause overheating and burning.
- Make sure the cavity is completely sealed with no gaps. This is to ensure the oven cooling system functions correctly.
- The appliance must not be installed behind a decorative door in order to avoid overheating.
- Please take extra care not to damage the lower trim of the oven during installation. The trim is important for correct air circulation and allows the door to open and close without obstruction. The manufacturer does not accept any responsibility for damage resulting from incorrect installation.

Electrical requirements

- Connect oven with copper wire only.
- Do not cut the conduit.
- A U.L. listed conduit connector must be provided at the junction box.
- Do not ground to a gas pipe.
- Do not have a fuse in the grounding or neutral circuit.
- Fuse both sides of the line.
- A time delay fuse or circuit breaker is recommended. If using a time delay fuse, then fuse both sides of the line.
- Flexible armored cable from the appliance should be connected directly to the junction box.
- Connect directly to the fused disconnect (or circuit breaker box) through flexible, armored or non-metallic sheathed, copper cable (with grounding wire).
- If codes permit and a separate grounding wire is used, it is recommended that a qualified electrician determine that the grounding path and wire gauge are in accordance with local codes.

IMPORTANT!

SAVE THESE INSTRUCTIONS

The models shown in this installation guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please go to our website www.fisherpaykel.com or contact your local Fisher & Paykel dealer.

PARTS SUPPLIED



Screws (2)



Metal side shelves fixing nut (2)

PRIOR TO INSTALLATION

Ensure that:

- the countertop and oven cavity are square and level, and are the required dimensions
- the installation will comply with all clearance requirements and applicable standards and regulations
- the isolating switch will be easily accessible to the customer with the oven installed
- the electrician provides sufficient free length of power supply cable to reach from the bottom rear of the cavity to at least 1.5 metres in front of the bottom edge of the opening
- the cable may enter the cavity from the side, top or bottom, but top entry must be at the rear of the cavity
- the oven connection socket (if fitted) is outside the cavity if the oven is flush to the rear wall
- the oven will rest on a surface that can support its weight
- the height from the floor suits the customer
- you consult local building authorities and by-laws if in doubt regarding installation

IMPORTANT!

Some environmental factors and cooking habits can cause condensation in and around the oven during use. To protect surrounding cabinetry from possible damage caused by frequent or excessive condensation, we recommend moisture-proofing the oven cavity.

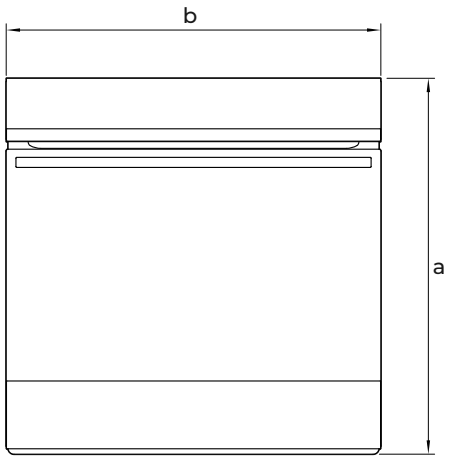
AFTER INSTALLATION

Ensure that:

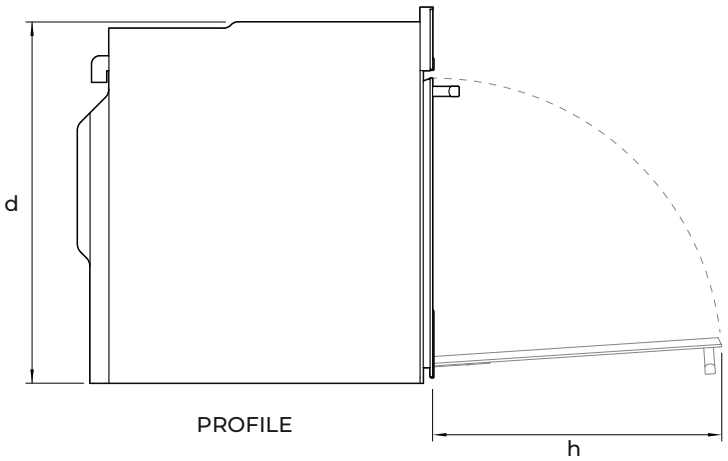
- the oven door can open fully without obstruction
- the oven is not sealed into the cabinetry with silicone or glue. This makes future servicing difficult. Fisher & Paykel will not cover the costs of removing the oven, or of damage caused by this removal
- the power supply cable does not touch any hot metal parts
- the isolating switch is easily accessible to the customer with the oven installed
- you complete the ‘Final checklist’ at the end of the installation

If, after following the guidance given, correct performance cannot be achieved, please contact your nearest Fisher & Paykel trained and supported service technician, Customer Care, or contact us through our website fisherpaykel.com

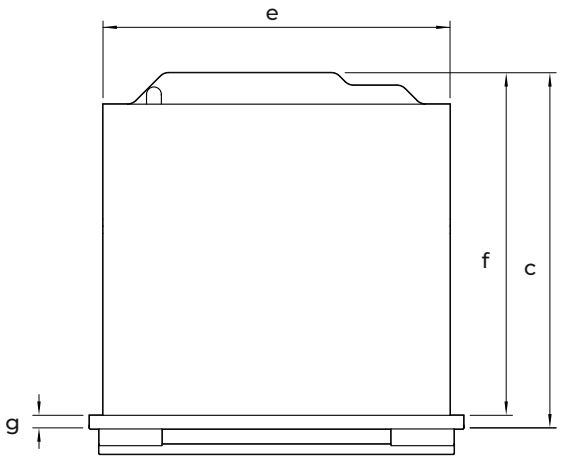
PRODUCT DIMENSIONS



FRONT



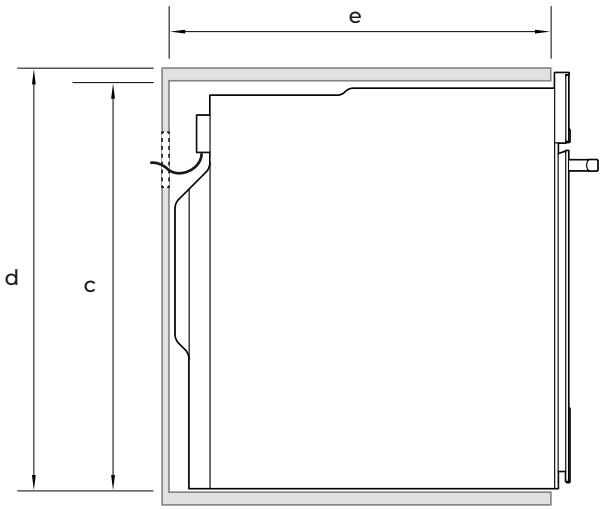
PROFILE



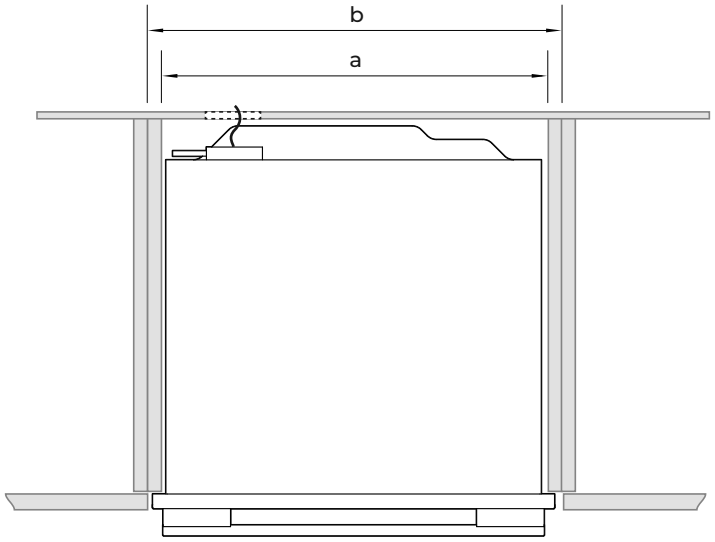
PLAN

PRODUCT DIMENSIONS		OB24SDPT MODELS	
		INCHES	MM
A	Overall height of oven	23 9/16	598
B	Overall width of oven	23 7/16	596
C	Overall depth of oven (excluding handle and dials)	22 1/4	565
D	Height of chassis	22 5/8”	575
E	Width of chassis	21 7/8	556
F	Depth of chassis	21 7/16	545
G	Depth of oven frame and control panel (distance between front of chassis and front of oven door, excl. handle and dials)	13/16	20
H	Depth of oven door when fully open (measured from front of control panel)	18 1/8	460

CABINETRY DIMENSIONS



PROFILE

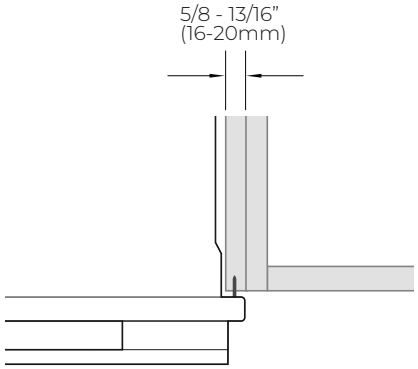


PLAN

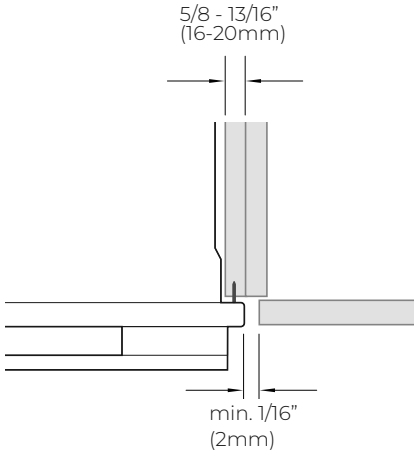
CABINETRY DIMENSIONS		OB24SDPT MODELS	
		INCHES	MM
A	Minimum inside width of cavity	22 1/16	560
B	Overall width of cabinetry	23 5/8	600
C	Minimum inside height of cavity	22 13/16	580
D	Overall height of cabinetry	23 5/8	600
E	Minimum inside depth of cavity	21 5/8	550

If installing a cooktop above the oven, ensure adequate clearance is provided as per the cooktop manufacturer's instructions.

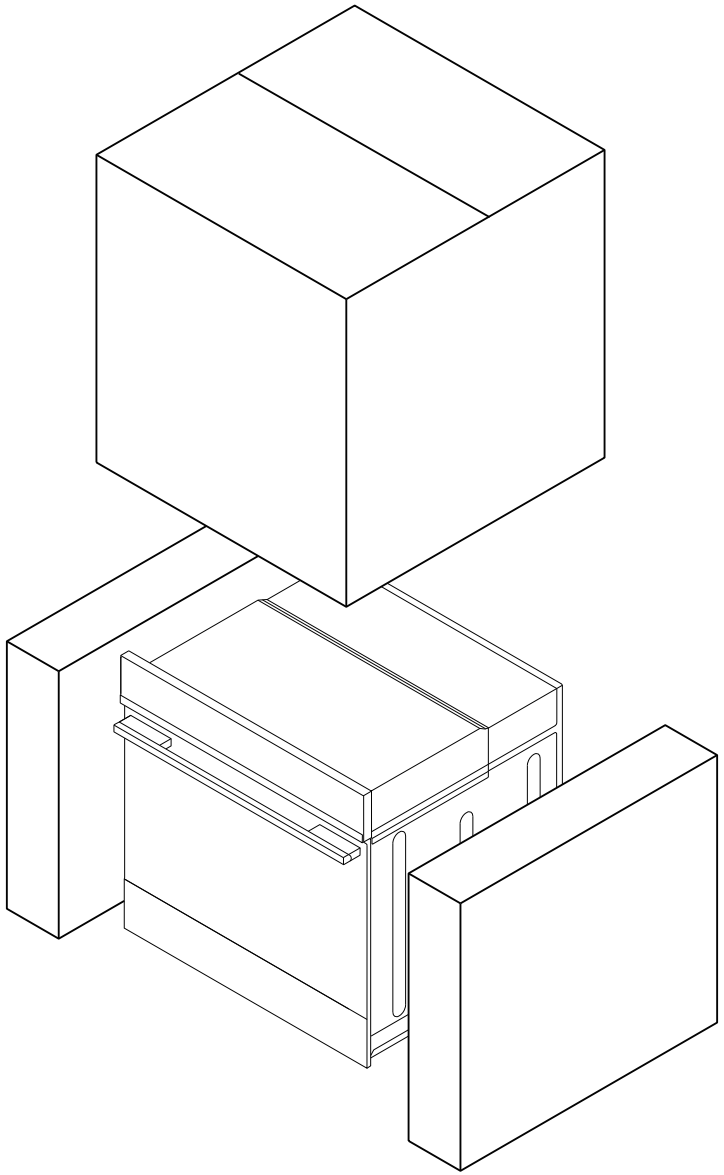
PROUD INSTALL



FLUSH INSTALL



DISCARD PACKAGING RESPONSIBLY



Remove the accessories box from the top of the oven and set aside.

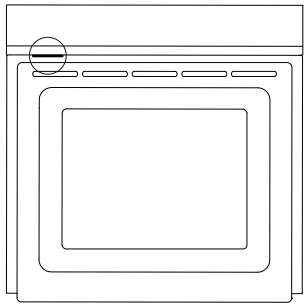
Recycle responsibly.

CONNECT THE OVEN TO THE MAINS SUPPLY

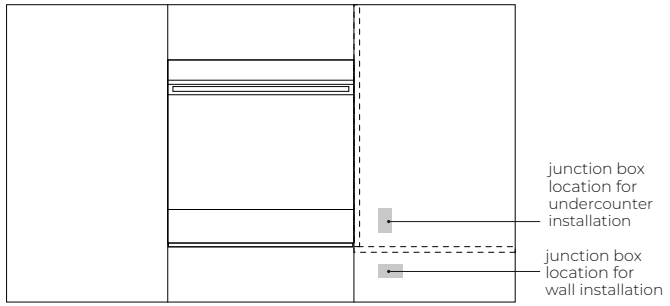
OB24SDPT MODELS

VOLTAGE	MAX. CURRENT DRAW	MAX LOAD
208 V	16.6 A	3.5 kW
240 V	19.4 A	4.6 kW

Nameplate location

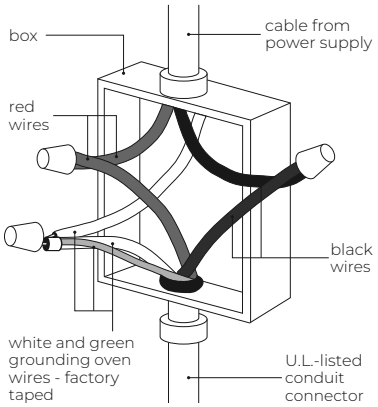


Junction box locations



Connection methods

a



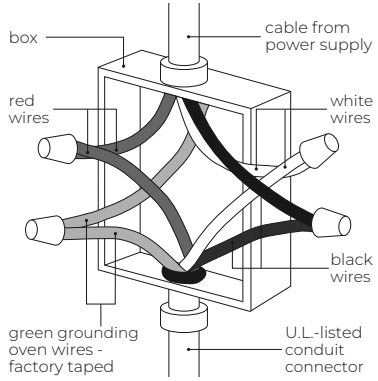
If local codes permit connecting the cabinet-grounding conductor to the neutral (white) wire in the junction box

1 Disconnect the power supply.
2 Remove the junction box cover.
3 Connect the oven cable to the junction box through the U.L.-listed conduit connector.
4 Connect the two black wires together with twist-on connectors.
5 Connect the two red wires together with twist-on connectors.
6 Connect electrical connection according to local codes and ordinances.
7 Connect the factory-taped green and white oven cable wires to the neutral (white) wire in the junction box.
8 Replace the junction box cover.

If local codes DO NOT PERMIT connecting the cabinet-grounding conductor to the neutral (white) wire in junction box

1 Disconnect the power supply.
2 Remove the junction box cover.
3 Connect the oven cable to the junction box through the U.L.-listed conduit connector.
4 Connect the two black wires together with twist-on connectors.
5 Connect the two red wires together with twist-on connectors.
6 Connect electrical connection according to local codes and ordinances.
7 Separate the factory-taped green and white oven cable wires.
8 Connect the white oven cable wire to the neutral (white) wire in junction box.
9 Connect the green grounding oven cable wire to a grounded wire in the junction box.
!0 Replace the junction box cover.

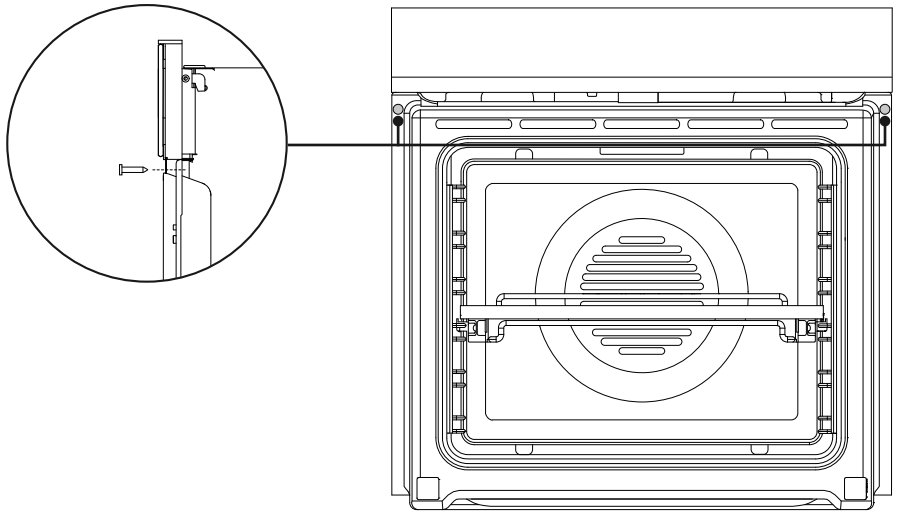
B



Four-wire electrical system

1 Disconnect the power supply.
2 Remove the junction box cover.
3 Connect the oven cable to the junction box through the U.L.-listed conduit connector.
4 Connect the two black wires together with twist-on connectors.
5 Connect the two red wires together with twist-on connectors.
6 Connect electrical connection according to local codes and ordinances.
7 Separate the green and white oven cable wires.
8 Connect the white oven cable wire to the neutral (white) wire in junction box.
9 Connect the green grounding oven cable wire to the (green) grounding wire in the junction box. Do not connect the green grounding wire to the neutral (white) wire in junction box
!0 Replace the junction box cover.

SECURE THE OVEN TO THE CABINETRY



IMPORTANT!

- Do not lift the oven by the door handle.
- Do not over-tighten the screws.
- Do not seal the oven into the cabinetry with silicone or glue. This makes future servicing difficult. Fisher & Paykel will not cover the costs of removing the oven, or of damage caused by this removal.

1 Position the oven in the prepared cavity.
2 Open the oven door fully.
3 Mark and pre-drill the screw holes.
4 Use the supplied screws to secure the oven to the cabinetry.

INSTALLER CHECKLIST

TO BE COMPLETED BY THE INSTALLER

- ☐ Ensure the oven is level and securely fitted to the cabinetry.
- ☐ Check the lower trim is undamaged.
- ☐ Open the oven door slowly until it is fully open and check there is adequate clearance between the bottom of the door and the lower trim.
  This is to ensure correct air circulation. Should the lower trim become damaged, straighten the trim and ensure the oven door opens fully without obstruction.
- ☐ Ensure you remove all internal packaging (including the circular yellow packing retainers holding the accessory box in place).
- ☐ Ensure all oven vents and openings are clear and free of any obstruction or damage.

IMPORTANT!
Failure to make sure all oven vents are clear may result in poor product performance.

- ☐ Ensure the isolating switch is accessible by the customer.

TEST OPERATION:

- ☐ Turn the power to the oven on. The display should light up.
  Set the clock following the instructions in the 'User guide'.
- ☐ Set the oven to Bake at 50 °C. The light should come on inside the oven cavity and air should blow out of the vent at the top of the oven. After five minutes, open the oven door: the air inside should feel warm. Turn the oven off.
- ☐ Have you demonstrated the basic operation to the customer?

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 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.

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