ESSENTIALS

ZEPHYR

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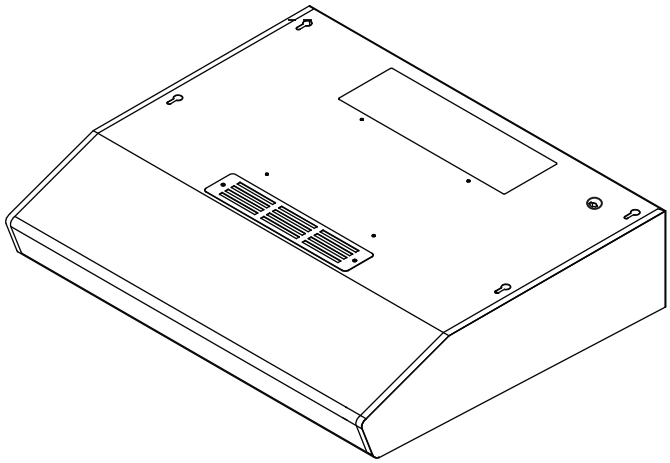
Use, Care, and Installation Guide

Breeze I

AK1124x, AK1100x, AK1136x

Breeze II

AK1200x, AK1236x



C US

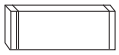
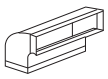
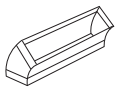
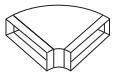
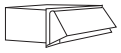
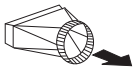
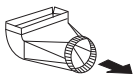
Model number: _____

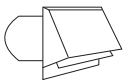
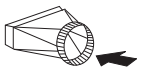
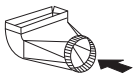
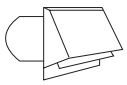
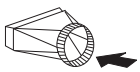
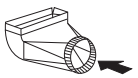
Serial Number: _____

Date of Purchase: _____

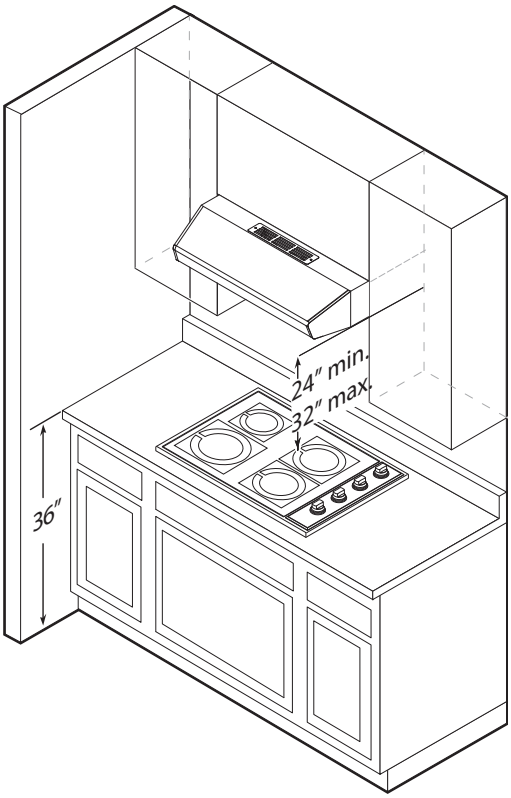
Sales Dealer: _____

READ AND SAVE THESE INSTRUCTIONS

Duct pieces		Equivalent number length x used =	Total
	3-1/4" x 10" Rect., straight	1 Ft. x ( ) =	Ft.
	6" Round, straight	1 Ft. x ( ) =	Ft.
	7"-10" Round, straight	1 Ft. x ( ) =	Ft.
	3-1/4" x 10" Rect. 90° elbow	15 Ft. x ( ) =	Ft.
	3-1/4" x 10" Rect. 45° elbow	9 Ft. x ( ) =	Ft.
	3-1/4" x 10" Rect. 90° flat elbow	24 Ft. x ( ) =	Ft.
	3-1/4" x 10" Rect. wall cap with damper	30 Ft. x ( ) =	Ft.
	3-1/4" x 10" Rect. to 6" round transition	5 Ft. x ( ) =	Ft.
	3-1/4" x 10" Rect. to 6" round transition 90° elbow	20 Ft. x ( ) =	Ft.
	6" Round, 90° elbow	15 Ft. x ( ) =	Ft.
	6" Round, 45° elbow	9 Ft. x ( ) =	Ft.
		Subtotal column 1 =	Ft.

Duct pieces		Equivalent number length x used =	Total
	6" Round wall cap with damper	30 Ft. x ( ) =	Ft.
	6" Round, roof cap	30 Ft. x ( ) =	Ft.
	6" round to 3-1/4" x 10" rect. transition	1 Ft. x ( ) =	Ft.
	6" round to 3-1/4" x 10" rect. transition 90° elbow	16 Ft. x ( ) =	Ft.
	7" - 10" Round, 90° elbow	15 Ft. x ( ) =	Ft.
	7" - 10" Round, 45° elbow	9 Ft. x ( ) =	Ft.
	7" - 10" Round wall cap with damper	30 Ft. x ( ) =	Ft.
	7" - 10" Round, roof cap	30 Ft. x ( ) =	Ft.
	7" round to 3 1/4" x 10" rect. transition	8 Ft. x ( ) =	Ft.
	7" round to 3-1/4" x 10" rect. transition 90° elbow	23 Ft. x ( ) =	Ft.
		Subtotal column 2 =	Ft.
		Subtotal column 1 =	Ft.
		Total ductwork =	Ft.

Maximum Duct Length: For satisfactory air movement, the total duct length should not exceed 100 equivalent feet.



DUCTING

A minimum 3-1/4" x 10" rectangular duct must be used to maintain maximum air flow efficiency.

Always use rigid type metal ducts only. Flexible ducts could restrict air flow by up to 50%.

Also use calculation (on page 5) to compute total available duct run when using elbows, transitions and caps.

ALWAYS, when possible, reduce the number or transitions and turns. If long duct run is required, increase duct size.

If turns or transitions are required; install as far away from hood duct output and as far apart, between the two as possible.

Minimum mount height between range top to hood bottom should be no less than 24".

Maximum mount height should be no higher than 32".

It is important to install the hood at the proper mounting height. Hoods mounted too low could result in heat damage and fire hazard; while hoods mounted too high will be hard to reach and will lose its performance and efficiency.

If available, also refer range manufacturer's height clearance requirements and recommended hood mounting height above range.

Vertical Ducting:
3-1/4"x10" minimum

Horizontal Ducting:
3-1/4"x10" minimum

DAMAGE-SHIPMENT / INSTALLATION:

- Please fully inspect unit for damage before installation.
- If the unit is damaged in shipment, return the unit to the store in which it was bought for repair or replacement.
- If the unit is damaged by the customer, repair or replacement is the responsibility of the customer.
- If the unit is damaged by the installer (if other than the customer), repair of replacement must be made by arrangement between customer and installer.

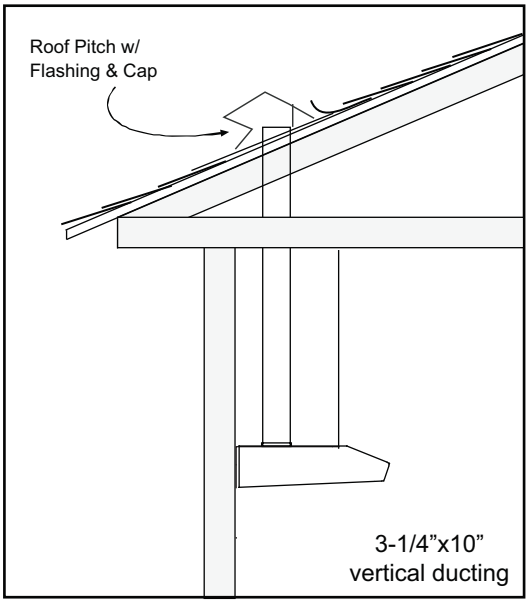
WARNING FIRE HAZARD

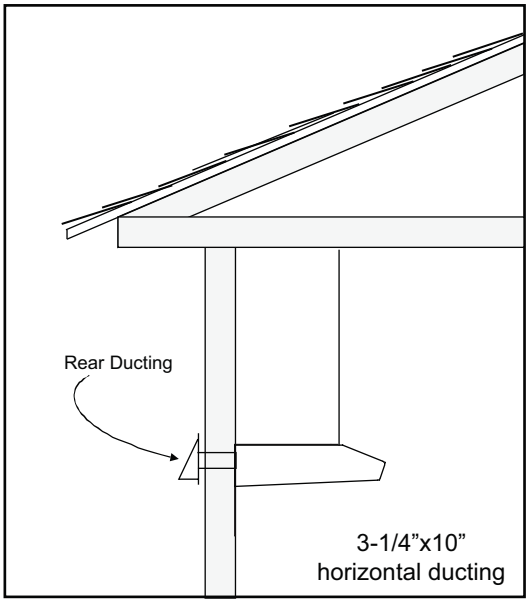
NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages. All exhaust must be ducted to the outside.

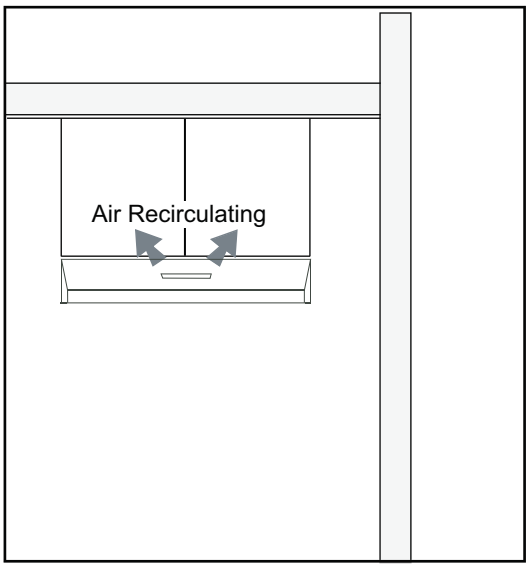
Use metal ductwork only.

Fasten all connections with sheet metal screws and tape all joints with certified Silver Tape or Duct Tape.

Some Ducting Options

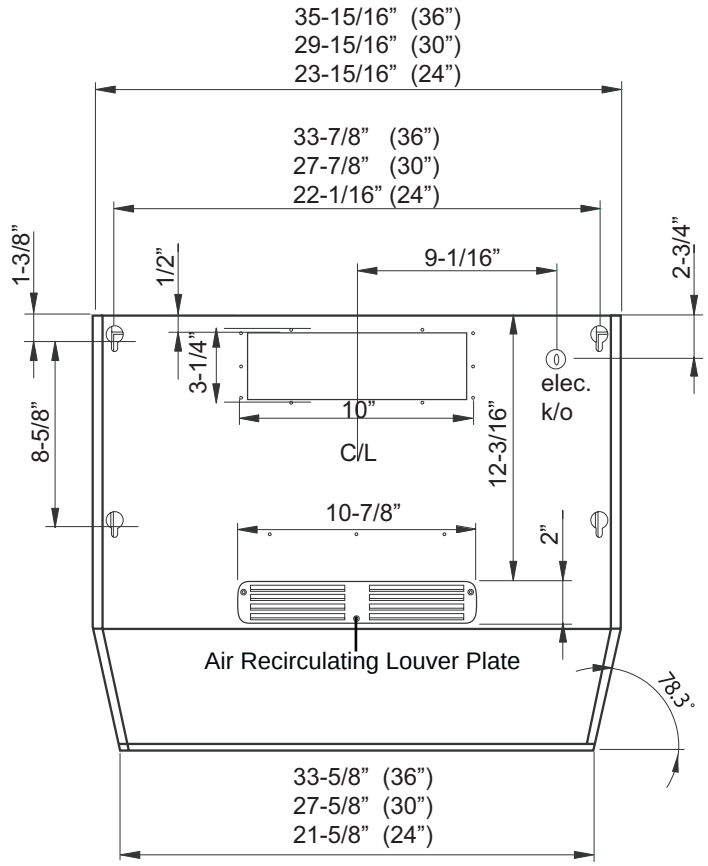




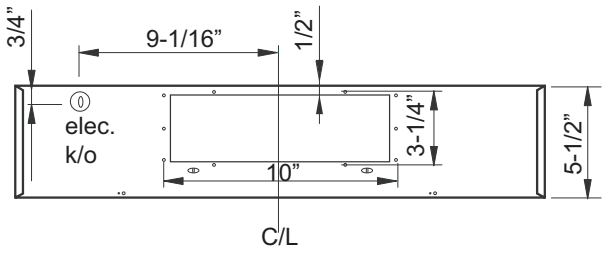


Installation – Specifications

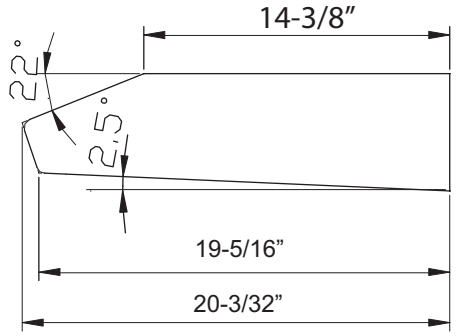
TOP



BACK



SIDE



ELECTRICAL

WARNING

All Electrical work must by performed by qualified electrician or person with similar technical know how and background.

For personal safety, remove house fuse or open circuit breaker before beginning installation. Do not use extension cord or adapter plug with this appliance.

Follow national electrical codes or prevailing local codes and ordinances.

Electrical Supply:

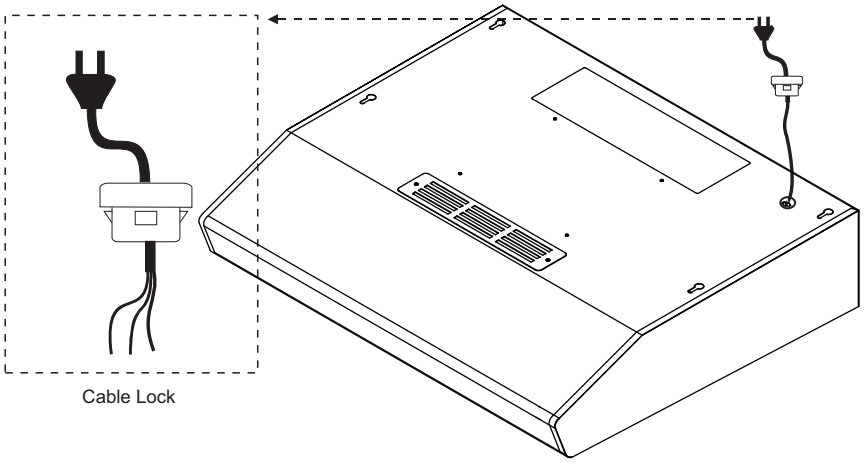
This appliance requires a 120V 60Hz electrical supply, and connected to an individual, properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker or time delay fuse. Wiring must be 2 wire w/ ground. Please also refer Electrical Diagram labeled on product.

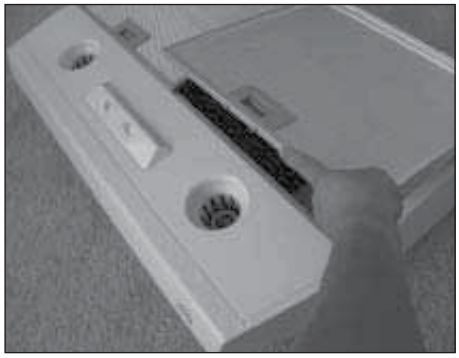
AK11xxx - 152 Watts @ 1.3 Amps

AK12xxx - 167 Watts @ 1.4 Amps

Cable Lock:

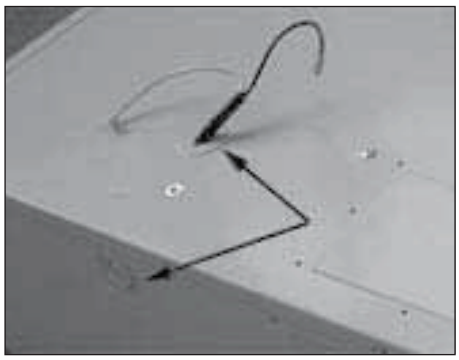
A cable locking connector (not supplied) might also be required by local codes. Check with local requirements and codes, purchase and install appropriate connector if necessary.



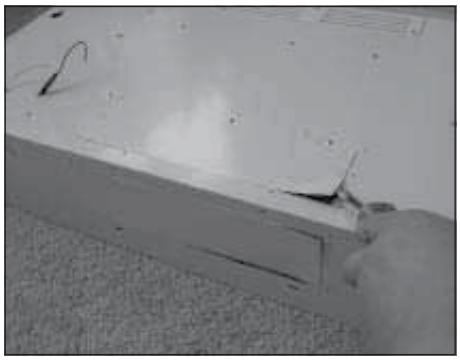


1. Remove filters

2. Remove cover from junction box to gain access to electrical wiring.

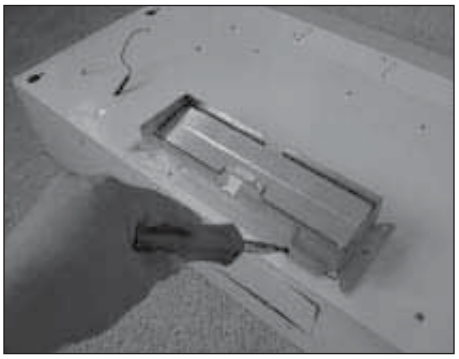


3. If using a cable lock, pry open the desired electrical knockout either on top or back of hood. Feed the wires through the cable lock. Some local codes require the use of a cable lock, check your local codes.



4. If using hood in air recirculating mode skip steps 4 and 5.

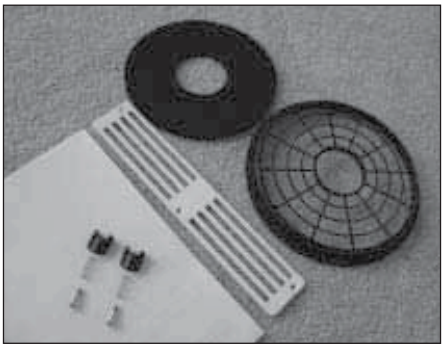
Pry open desired 3-1/4" x 10" ducting knock-out either on top or back of hood.



5. Secure 3-1/4" x 10" starting collar with damper to the duct opening using (10) M4x8 screws.

The following instructions are for Breeze hoods beginning with serial number prefix 13 and later.

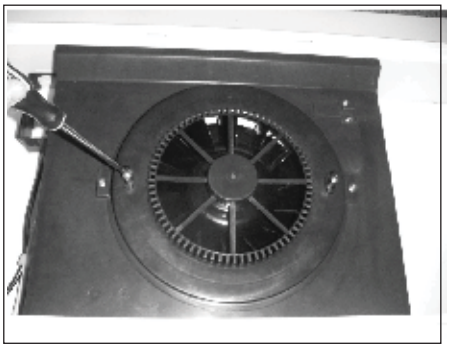
NOTE: Skip the recirculating preparation pages if you are ducting the air out of your home.



An air recirculating kit (optional) must be purchased before using hood in recirculating mode.

Recirculating kit - 0AK11-21001

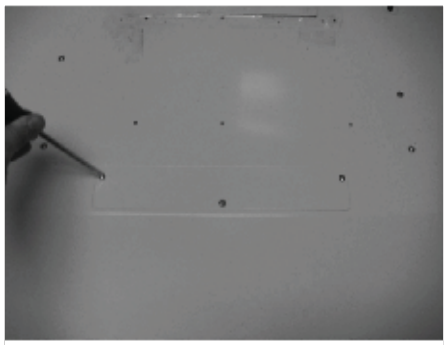
Replacement filter - 0AK11-20001



1. Secure each of the (2) spring clips to the safety grille body (A). Do this by inserting the screw through the spring and into the clip. Secure each clip to the safety grille body by using a philips head screwdriver.

2. Insert charcoal filter into charcoal filter holder (B) and place it over the safety grille body (A)

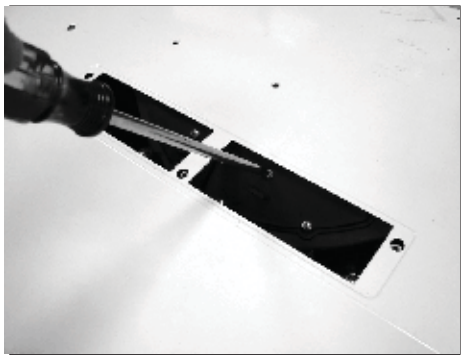
3. Secure charcoal filter holder to safety grill body by lifting up on spring clips and twisting. The clip should cover the lip of the charcoal filter holder securely.



4. Remove each screw from recirculating top plate. Plate is located on top of hood towards the front.

Recirculating preparation continued on next page

NOTE: Skip this page if you are ducting the air out of your home.



5. Remove each of the 5 screws holding the (2) interior recirculating panels.

6. Remove (2) interior recirculating panels.

7. Place louvered recirculating plate over top opening and secure using the screws previously removed.

Hood is designed for installation under a kitchen cabinet (Fig 1)

1. Select preferred duct location (vertical or horizontal) if ducting out of kitchen. Refer to page 7 for details.
2. Begin installation by removing the filters (if installed) and side spacer panels (36” models only). (Fig 2)
3. Reinforce cabinet with 1”x2” wood strips if additional strengthening is required or if cabinets are framed.
4. Temporarily position the range hood in the desired mounting location. Measure and mark the mounting holes, duct and electrical locations with a pencil.
5. Drill/cut out the required openings for duct and electrical access by following the dimensions on page 8; make sure the duct opening is large enough to apply duct tape.
6. Fasten hood onto cabinet with (4) M4 wood screws with washers provided.
7. Install electrical.
8. Install duct work and seal with duct tape.
9. Reinstall filters and side spacer panels (if applicable).
10. Power up hood and check for leaks around duct tape.
11. If recirculating the hood refer to page 11 and 12 for details.

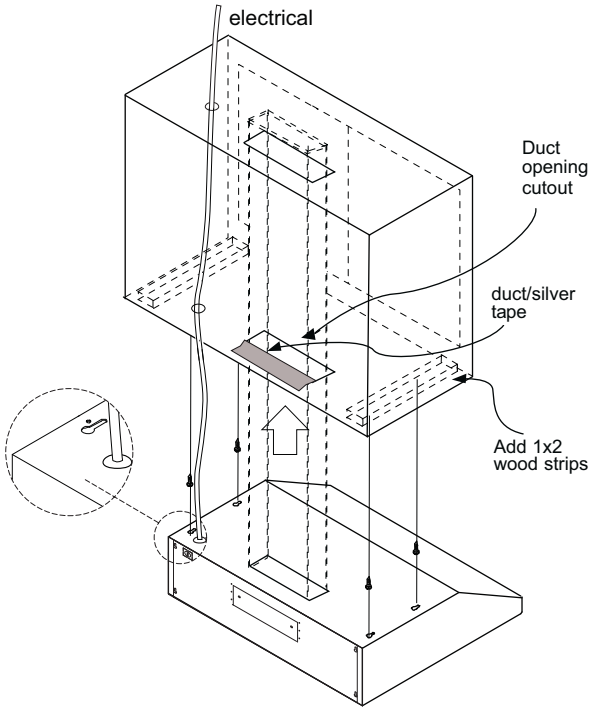


Fig 1

(Shown as vertical ducting)

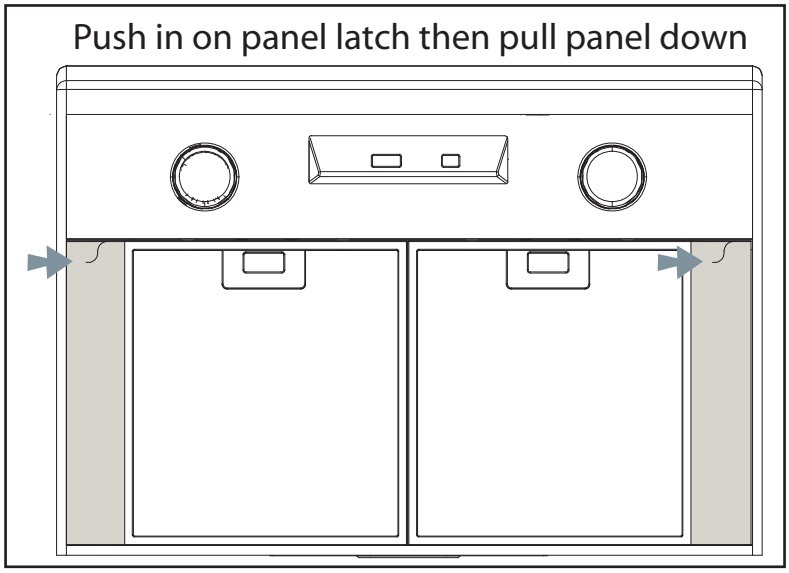


Fig 2