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best HBN1 Series Power Pack Insert



Product Information

Specifications:

- **Product Name:** HBN1 Series Powerpack Insert
- **Intended Use:** Domestic cooking only
- **Recommended Ductwork:** Metal ductwork for ducted installation

Product Usage Instructions

Facility:

1. Decide on the location for the ductwork between the powerpack insert and the outside.
2. For optimal performance, aim for a straight and short duct run with minimal elbows and transitions.
3. Install the wall cap or roof cap (sold separately) and connect the metal ductwork using metal foil duct tape to seal joints.

Remove the Adapter/Damper and 6-Inch Round Damper:

Follow the instructions provided in the manual to safely remove the adapter/damper and 6-inch round damper.

Prepare the Cabinet:

Ensure the cabinet is securely mounted to wall studs or wooden framework to support the weight of the unit. Install the unit inside the cabinet, centered laterally over the cooktop burners, following local building codes.

WARNING

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

- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.
- 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.
- Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. 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.
- Do not use this unit with any separate solid-state speed control device.
- To reduce the risk of fire, use only metal ductwork.
- This unit must be grounded.
- When installing, servicing or cleaning the unit, it is recommended to wear safety glasses and gloves.
- When applicable local regulations comprise more restrictive installation and/or certification requirements, the aforementioned requirements prevail on those of this document and the installer agrees to conform to these at his own expense.

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 flambeing food (i.e. 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.

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

1. 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.
2. NEVER PICK UP A FLAMING PAN – You may be burned.
3. DO NOT USE WATER, including wet dishcloths or towels – violent steam explosion will result.
4. 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.

* Based on “Kitchen Fire Safety Tips” published by NFPA.

CAUTION

- For indoor residential use only.
- 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.
- Take care when using cleaning agents or detergents.

- Avoid using food products that produce flames under the Range Hood.
- For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
- Your hood motor has a thermal overload which will automatically shut off the motor if it becomes overheated. The motor will restart when it cools down. If the motor continues to shut off and restart, have the hood serviced.
- The bottom of the hood **MUST NOT BE LESS** than 24" and recommended at a maximum of 30" above the cooktop for best capture of cooking impurities.
- Use only with range hood cord connection kits that have been investigated and found acceptable for use with this model range hood.
- Please read specification label on product for further information and requirements.

RECOMMENDED TOOLS AND ACCESSORIES

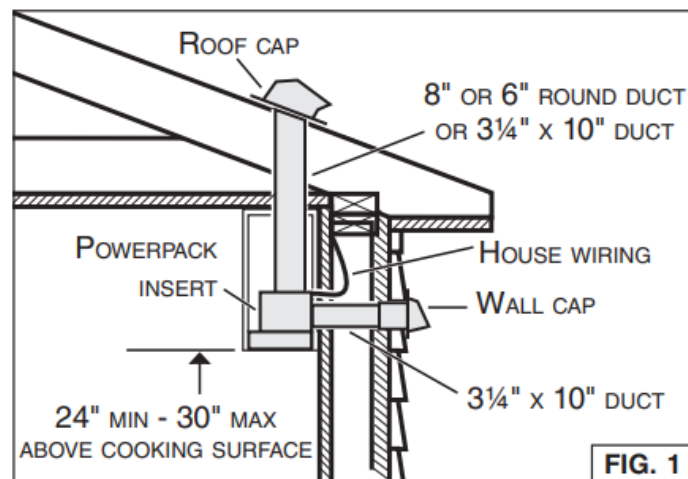
- Measuring tape
- Phillips screwdriver no. 2
- Nut driver or socket 3/8"
- Flat blade screwdriver (to open knock-out holes)
- Saw (to cut holes in cabinet)
- Sheet metal shears
- Pliers
- Metal foil duct tape
- Filler kits HADTBN24 (for 24"), HADTBN30 (for 30") or HADTBN36 (for 36") (optional)
- Scissors (to cut metal foil duct tape)
- Pencil
- Wire stripper
- 2 Appropriate wire nuts
- Strain relief, 7/8" diameter (to secure house wiring cable to the hood)

INSTALL THE DUCTWORK

(DUCTED INSTALLATION ONLY)

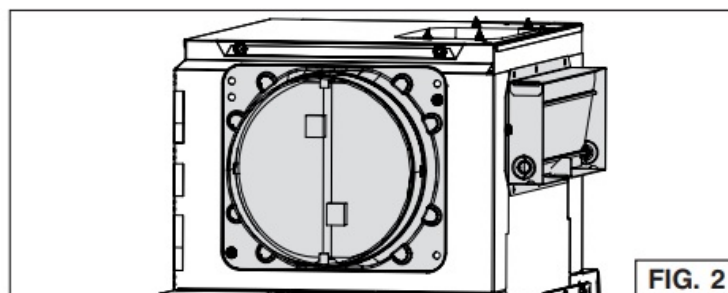
NOTE: To reduce the risk of fire, use only metal ductwork.

1. Decide where the ductwork will run between the powerpack insert and the outside.
(FIG. 1)
2. A straight, short duct run will allow the hood to perform most efficiently.
3. Long duct runs, elbows, and transitions will reduce the performance of the hood. Use as few of them as possible.
Larger ducting may be required for best performance with longer duct runs.
4. Install wall cap or roof cap (sold separately). Connect metal ductwork to cap and work back towards the hood location. Use 2" metal foil duct tape to seal the joints between ductwork sections.



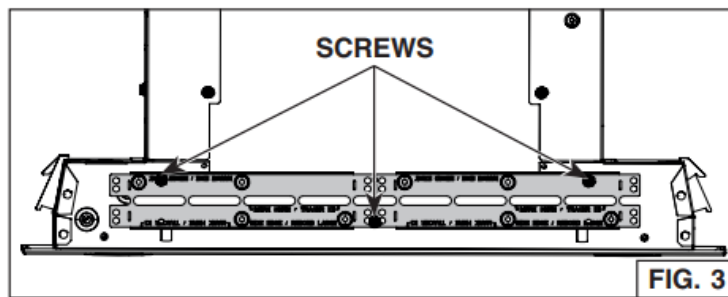
REMOVE THE ADAPTER/DAMPER AND 6-IN. ROUND DAMPER

Detach and set aside the 3 $\frac{1}{4}$ " x 10" adapter/damper and the 6-in.-round damper (grey parts in FIG. 2) from back and side of the powerpack insert by removing their 2 retaining screws. Discard the screws.

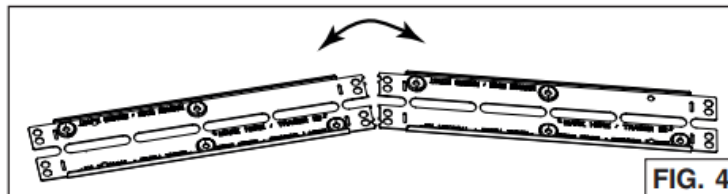


REMOVE THE CABINET BRACKETS

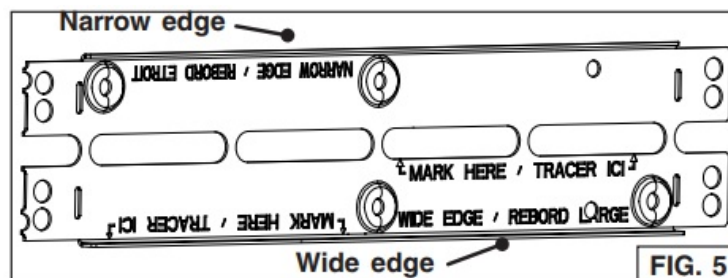
Detach the cabinet brackets (grey part in FIG. 3) from the back of the powerpack insert by removing its 3 retaining screws. Discard the screws.



Fold up and down the bracket until it is split in two separate parts (FIG. 4). Keep the brackets for possible further use.



NOTE: Both cabinet brackets have one wide edge and one narrow edge (FIG. 5), to cover all installation configurations depending on cabinet widths.



PREPARE THE CABINET

WARNING

The cabinet must be secured to wall studs or other wooden framework behind the drywall to support the weight of this unit. Failure to do so may cause personal injury or damage to countertop or cooktop.

NOTES:

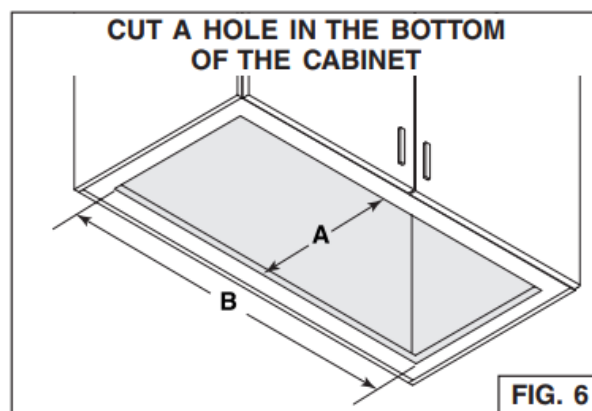
- The unit has to be installed inside the cabinet.
- The unit should be mounted centered laterally over the cooktop burners.
- For back to front position, the unit must be mounted according to local building codes.
 1. Cut a hole in the bottom of the cabinet, using the dimensions shown (FIG. 6).
 2. Measure the remaining material of the cabinet bottom sides (C in FIG. 7), if it is

1/4" or more, there is no need to use the cabinet brackets. Go to step 7.

3. When there is less than 1/4" remaining material (C), carefully remove those strips. Measure the cabinet inner width (D in FIG. 7). Refer to the table below to see which cabinet bracket edge configuration must be used.

UNIT	NARROW EDGE	WIDE EDGE
HBN1246SS	D From 22-1/16" to < 22-1/2"	D From 22-1/2" to 23"
HBN1306SS	D From 28-1/16" to < 28-1/2"	D From 28-1/2" to 29"
HBN1366SS	D From 34-1/16" to < 34-1/2"	D From 34-1/2" to 35"

4. Pay attention to the Ease of Install hooks location on the unit (distance given from unit front flange, FIG. 8). Measure and mark the position of the Ease of Install hooks (shown as E in FIG.9) on both cabinet side walls. Remove the unit.

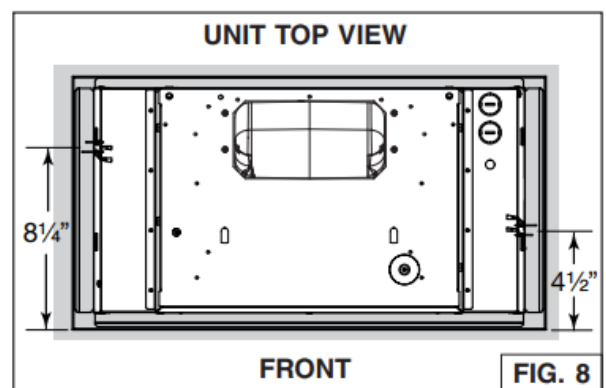
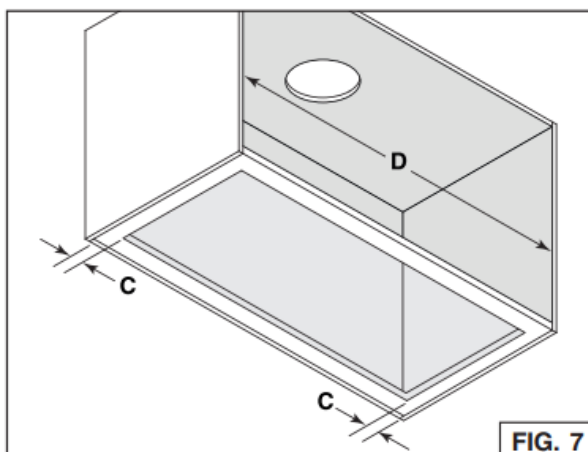


A = 10 1/4" (all units)

B = 22 1/16" (HBN1246SS)

B = 28 1/16" (HBN1306SS)

B = 34 1/16" (HBN1366SS)



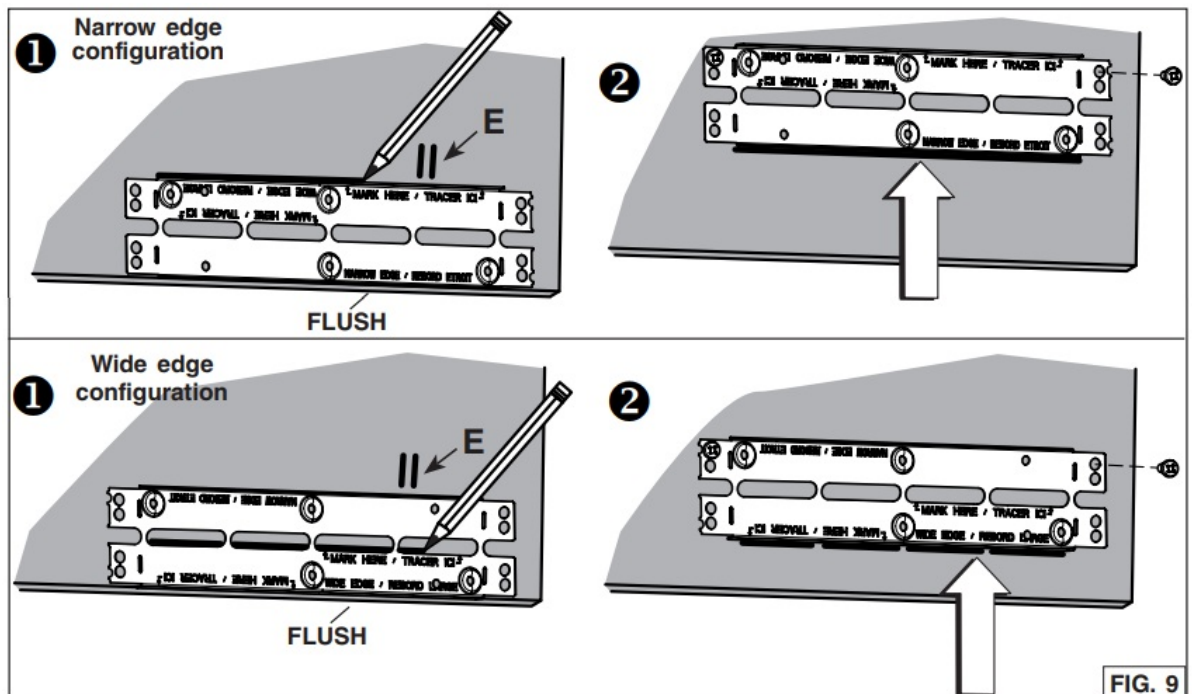
5. Install the cabinet brackets as follow (FIG. 9):

1. Align the bracket flush with the bottom of the right cabinet side panel, with the hooks marked position (E) between the bottom embossed holes. For the narrow edge configuration, trace a line on the top of the bracket. For wide edge configuration, trace a line at the bottom of the central slots.

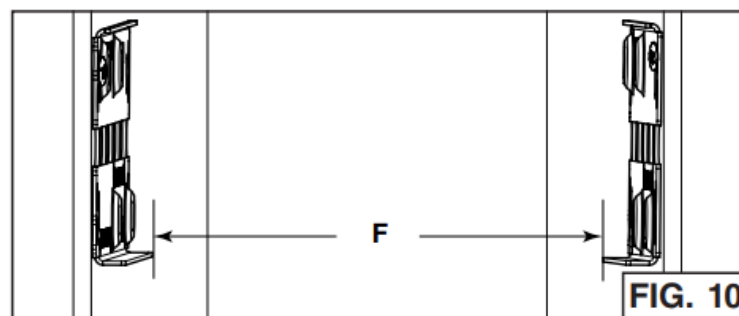
- Lift the bracket flush with the marked lined. Assemble the bracket to the cabinet side panel using 2 no. 8 x 5/8" wood screws (included in parts bag) through the upper holes.

NOTE: Do not use the embossed holes to attach the bracket to the cabinet.

- Repeat steps 1 to 2 for the left cabinet side panel.

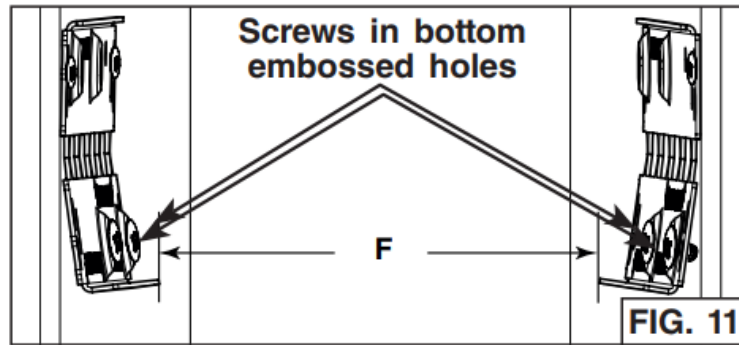


- Measure the distance between both bottom bracket edges (F) (FIG. 10). The table below shows the appropriate distance needed.



UNIT	NARROW EDGE	WIDE EDGE
HBN1246SS	F From 21-7/8" to < 22-1/16"	F From 22-1/16" to 22-5/16"
HBN1306SS	F From 27-7/8" to < 28-1/16"	F From 28-1/16" to 28-5/16"
HBN1366SS	F From 33-7/8" to < 34-1/16"	F From 34-1/16" to 34-5/16"

If the measured distance needs to be shortened, screw two no. 8-32 x 1/4" machine screws, in each bottom embossed cabinet brackets hole; this will slightly bend the bottom part of the brackets (FIG. 11). Screw both brackets until the appropriate distance is obtained.

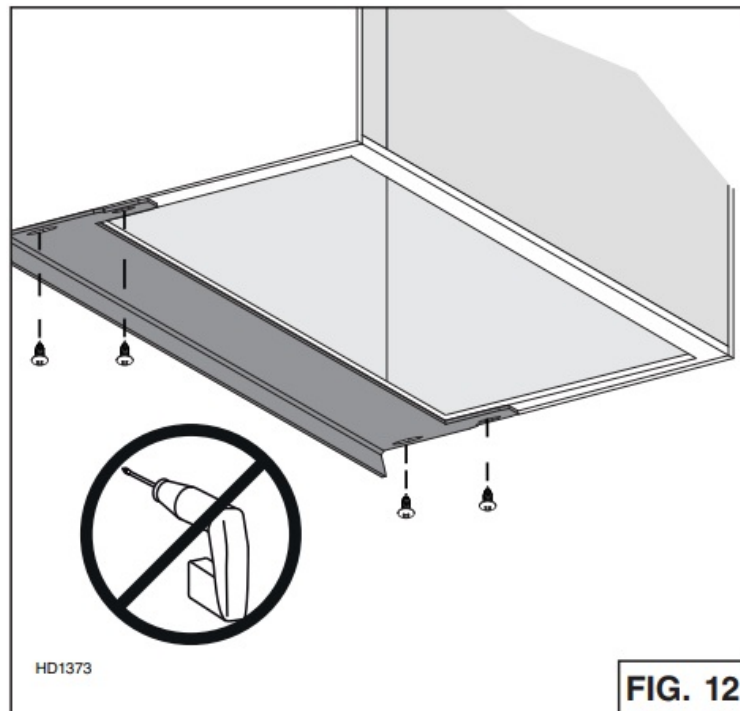


7. Optional

There are 7 different sizes of optional fillers (sold separately) designed to fit up to 15-in. depth cabinets (for HBN1246SS unit, order: HADTBN24, for HBN1306SS: order HADTBN30, for HBN1366SS: order HADTBN36).

Choose the filler that fits better to cover the back bottom edge of the cabinet.

Use 4 no. 6 x 1/2" truss head wood screws (included in the optional kit) to mount it (FIG. 12).



CAUTION

Never use an electric screwdriver or drill to screw the filler to the bottom edge of cabinet; use a standard screwdriver.

Horizontal exhaust installation only

This powerpack insert is factory shipped to exhaust vertically; however, it is possible to make it exhaust horizontally (3 1/4" x 10" ducting only).

8. Cut the hole for the horizontal exhaust through the back wall of the cabinet using the dimensions shown. (FIG. 13).

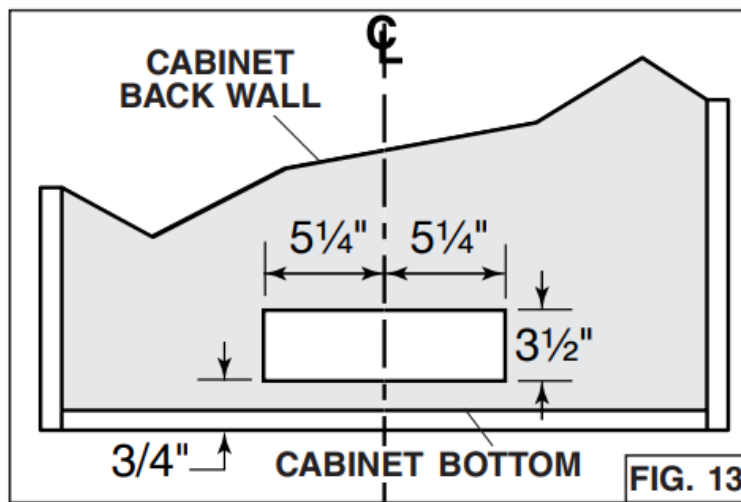


FIG. 13

PREPARE THE UNIT

All installations

1. If present, remove all protective polyfilm from the unit and/or parts.
2. Remove the hybrid baffle filters by pushing down on latch tab and tilting the filters downward (FIG. 14). Set aside the filters.

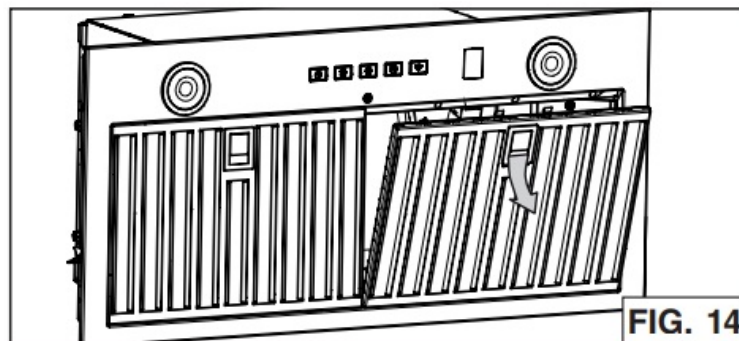


FIG. 14

3. Disassemble the electrical compartment cover (grey part in FIG. 15) from inside the unit by removing its retaining screw.

Remove the parts bag behind the cover. Set aside the parts bag and the cover along with its screw.

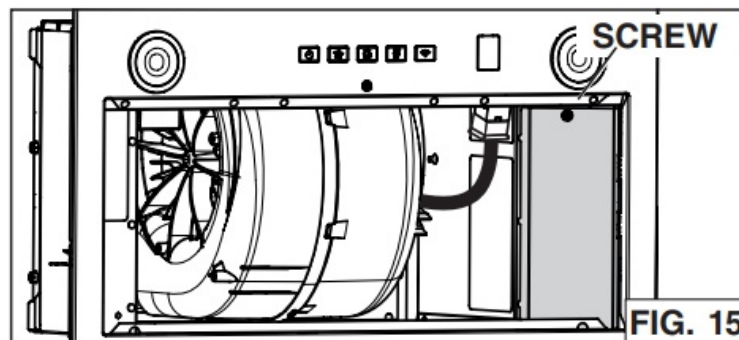


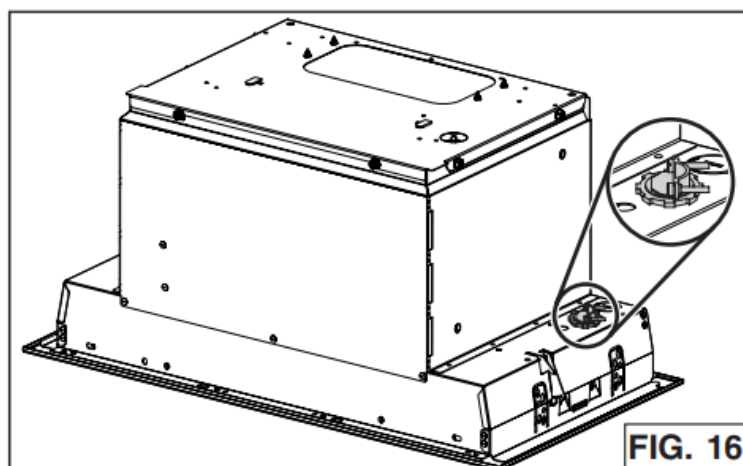
FIG. 15

4. Punch out one of the two knock-out holes.

Install an appropriate 7/8" diameter strain relief (not included, grey part in FIG. 16).

NOTE: The HCK44 cord connection kit (optional) can be used instead of the house

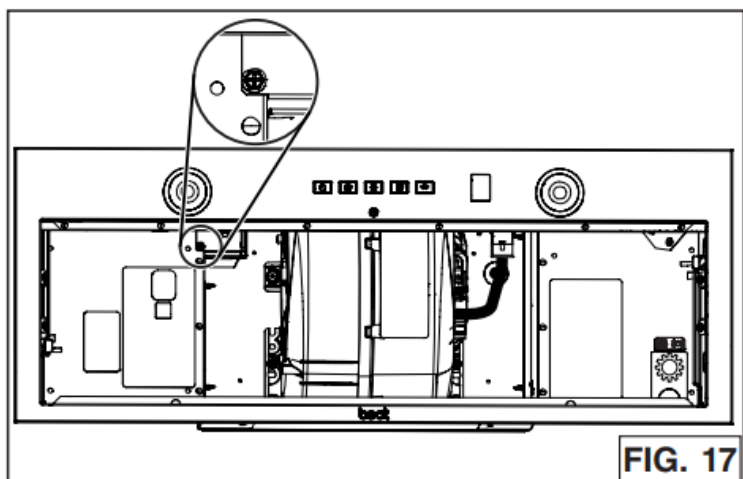
power cable. Refer to the instruction packed with the HCK44 cord conHDn1e35c8tion kit.



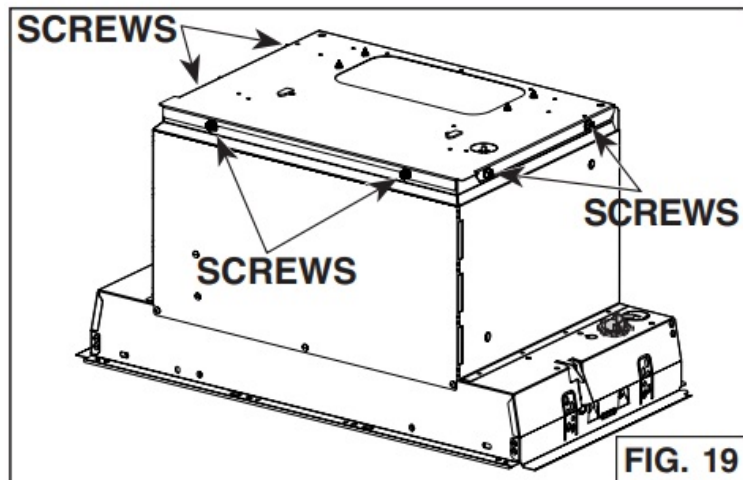
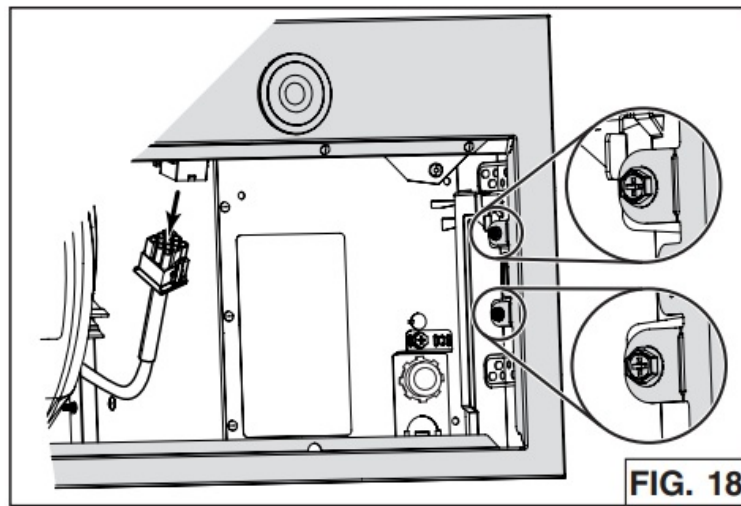
Horizontal exhaust installation only

5. Remove and discard the screw circled in FIG. 17.

NOTE: This screw might be present or not.



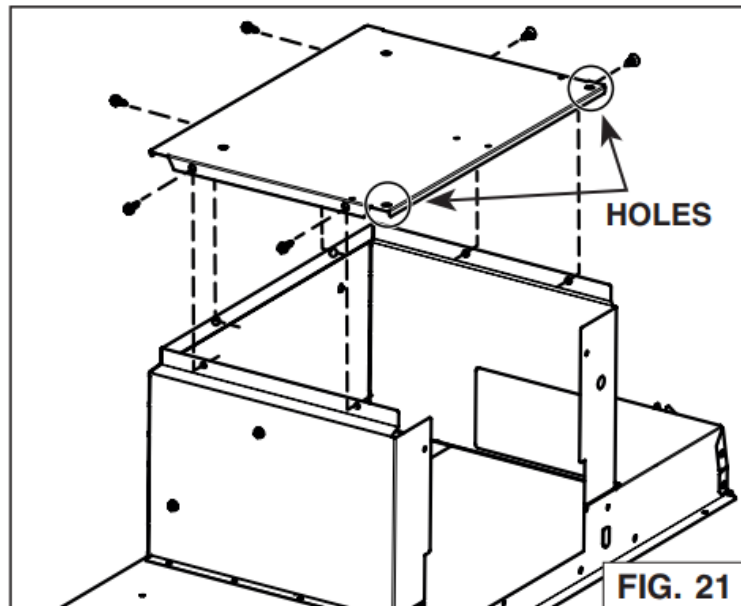
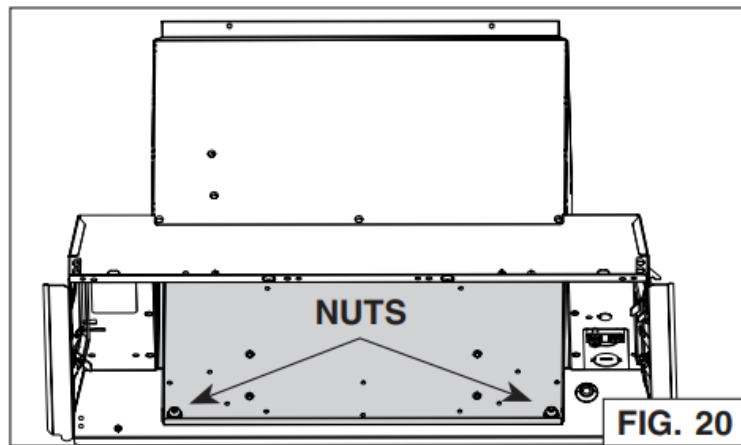
6. Unplug the blower cable from its connector on faceplate. Disassemble the faceplate from the unit by removing its 4 retaining screws (two per side, circled in FIG. 18). Set aside the faceplate along with its screws.



7. Remove the 6 screws (2 per side and 2 in front) retaining the blower support plate to the top of the unit (FIG. 19).

Carefully lift out and set aside the blower with its support plate. The blower will be reinstalled later in the unit.

8. From inside the unit, detach the back plate (grey part in FIG. 20) by removing its both retaining nuts using 3/8" diameter socket. Set aside the nuts and plate.



9. Install the back plate on top of the unit, where the blower support plate was. Orient the holes nearby the corners towards the back of the unit. Assemble to the top of the unit using 6 screws previously removed in step 7 (FIG. 21).

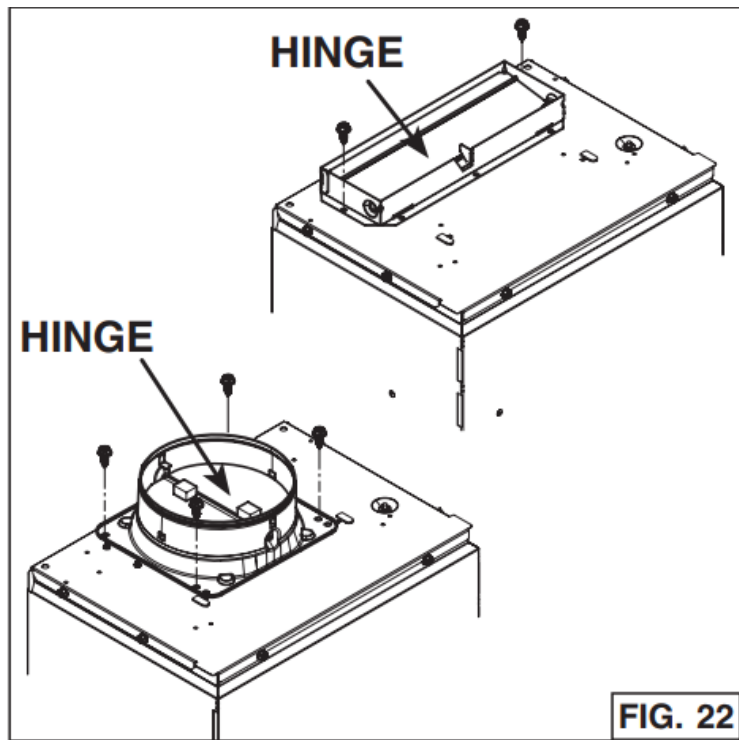
VERTICAL EXHAUST INSTALLATION ONLY

10. For rectangular ducting, use 2 included no. 8-18 x 1/4" metal screws to attach the included 3 1/4" x 10" adapter damper on top of the unit, over the blower exhaust opening (FIG. 22).

NOTE: The damper hinge must be towards the front of the unit.

For round ducting, use 4 included no. 8-18 x 1/4" metal screws to attach the included 6-in. round (or 8-in. round) adapter damper on top of the unit, over the blower exhaust opening (FIG. 22, 6-in. round shown).

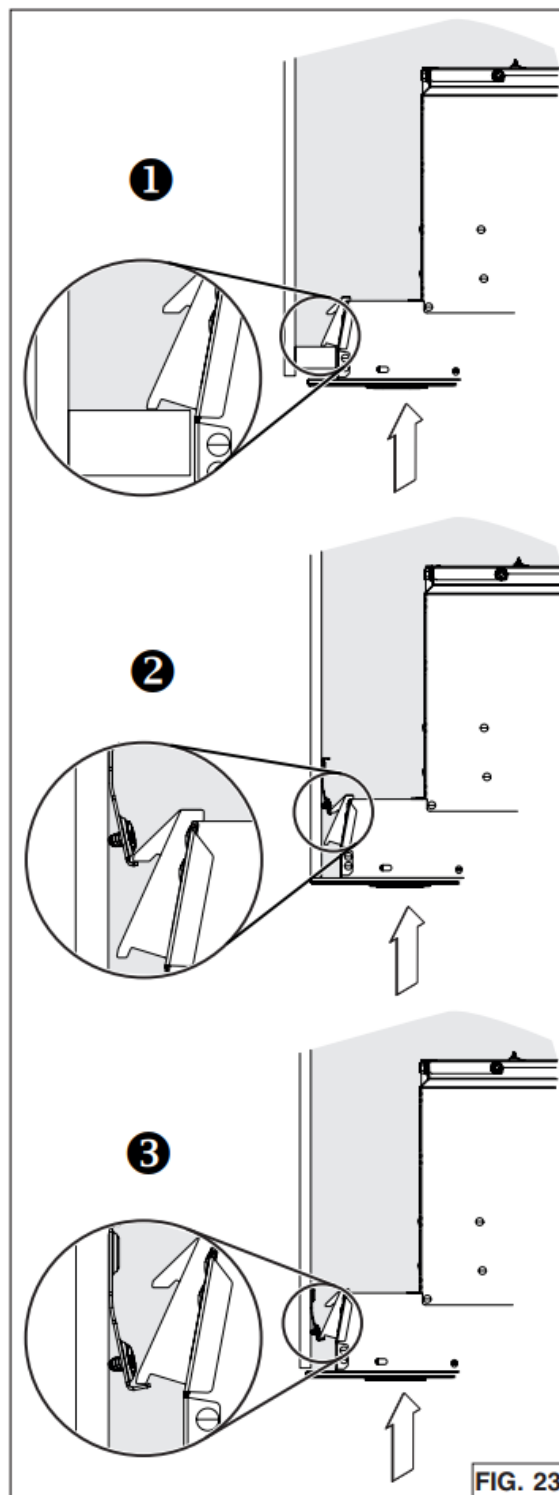
NOTE: The damper hinge must be parallel to the sides of the unit.



INSTALL THE UNIT

1. Run house power cable between service panel and unit location. Stub out a 2-foot length of power cable inside the cabinet. Insert the power cable in the unit through the 7/8" diameter strain relief previously installed. NOTE: Not necessary if the optional HCK44 cord connection kit is used.
2. Insert the unit in the cabinet, until you feel a 'click' from both sides of the unit, confirming that the Ease of Install hooks rest on the top of the cabinet bottom sides 1, or cabinet brackets 2 or 3 (FIG. 23). Move the unit from left to right, from rear to front and up to ensure the Ease of Install hooks are retaining the unit inside the cabinet.

NOTE: The unit will be protruding below the cabinetry until tightened.



NOTE: If, for any reason, the unit has to be removed from the cabinet, it is possible to disengage the Ease of Install hooks. To do so, while holding and pushing on one side of the unit, lift simultaneously Ease of Install hooks levers (1 and 2, grey parts in FIG. 24) in the other side of the unit until the hooks are retracted.

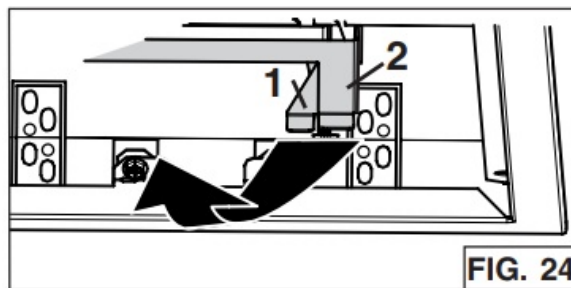


FIG. 24

3. Lift the unit until contact is made between the unit flange and cabinet. Secure the unit to the cabinet using 4 no. 8 x 5/8" wood screws included in parts bag (2 screws per side). Use upper or lower holes (1, 2, 3, 4, 5 or 6) (FIG. 25).

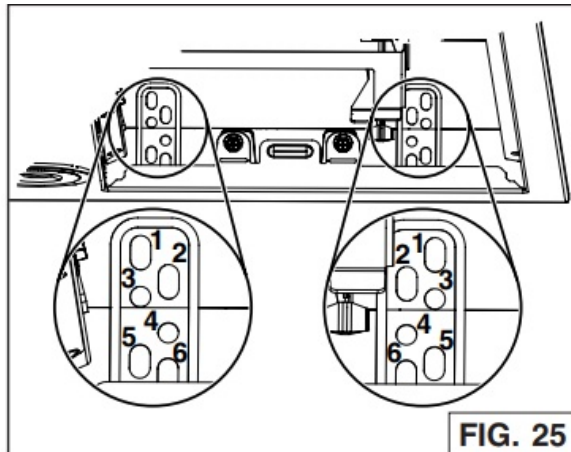


FIG. 25

WARNING

The Ease of Install hooks TEMPORARILY hold the unit in place. The unit **MUST BE** secured to the cabinet using the included 4 screws.

Never use this unit as a shelf.

4. From inside the unit, slide the 3 1/4" x 10" adapter/damper in the horizontal duct, then attach it to the unit using aluminum duct tape all around the joint (FIG. 26). Ensure the damper opens as shown in damper side view.

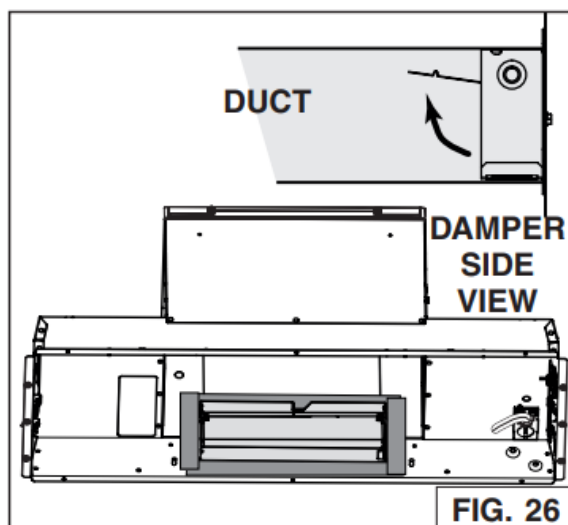
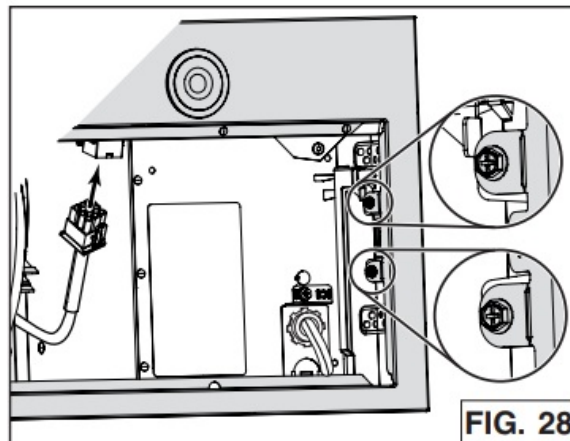
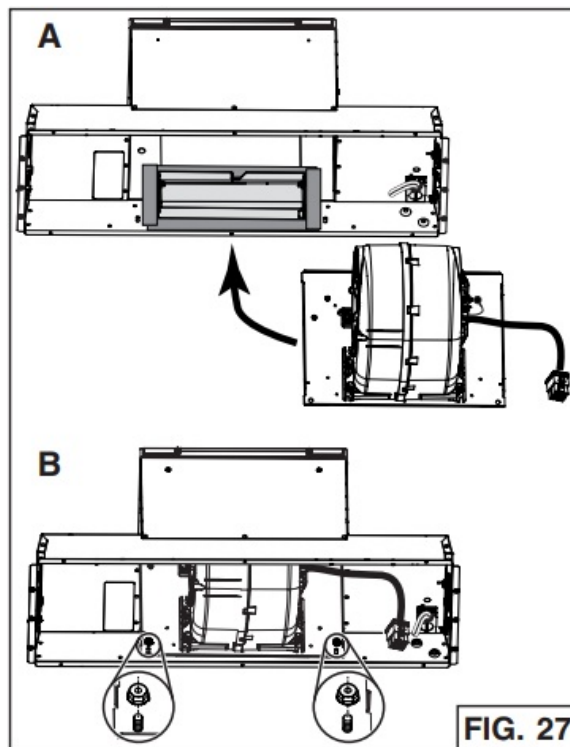


FIG. 26

5. Insert the blower with its support plate inside the unit, where the back plate was initially (A). Attach to the unit using 2 nuts previously removed in step 8 in PREPARE THE UNIT section (B) (FIG. 27).



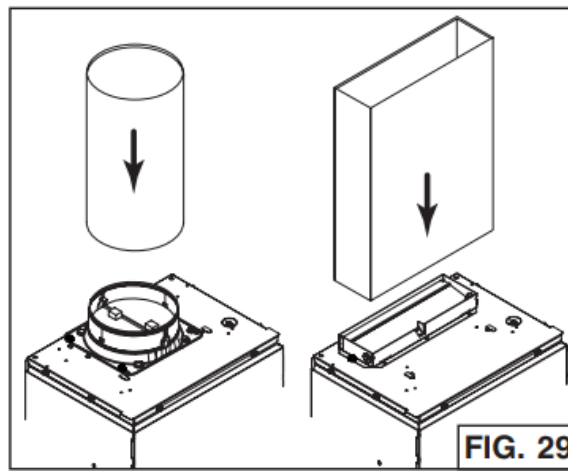
6. Reinstall and secure the faceplate to the unit using its 4 retaining screws (two per side, circled in FIG. 28). Plug the blower cable to its connector on faceplate (FIG. 28).

CONNECT DUCTWORK

Vertical exhaust installation only

Ducted Installation

Use 6-in. round, 8-in. round or 3¼" x 10" metal duct to connect the adapter damper on the top of the unit to the ductwork above (FIG. 29, 8-in. round not shown). Seal the joint using aluminum duct tape.



Non-Ducted Installation

A non-duct kit is required for this type of installation (purchase separately). To install, follow the instructions packed with the kit.

Refer to table below to find the appropriate non-duct kit according to the unit.

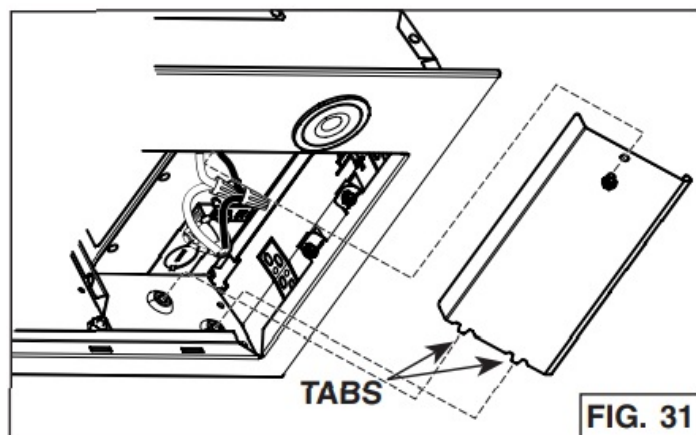
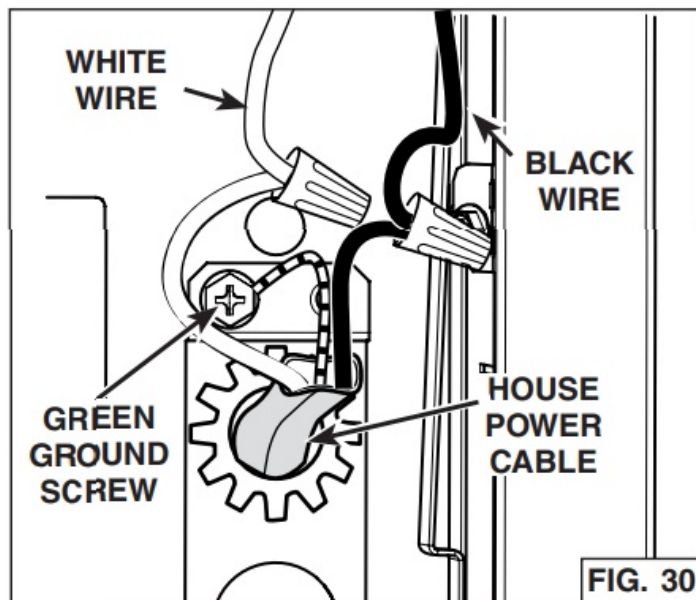
UNIT MODEL	NON-DUCT KIT MODEL
HBN1246SS	HARKBN24
HBN1306SS	HARKBN30
HBN1366SS	HARKBN36

WIRING

WARNING

Risk of electric shock. Electrical wiring must be done by qualified personnel in accordance with all applicable codes and standards. Before connecting wires, switch power off at service panel and lock service disconnecting means to prevent power from being switched on accidentally.

1. Using appropriate wire nuts (not included), connect house power cable to unit wiring: BLACK to BLACK, WHITE to WHITE and GREEN or bare wire to GREEN ground screw (FIG. 30).



2. Reinstall the electrical cover in the unit; ensuring the bottom tabs are inserted in their embossed location.

Secure in place using its retaining screw (FIG. 31).

CAUTION

Take care not to pinch wires while reinstalling wiring cover.

INSTALL THE FILTERS

Ducted Installation

Reinstall the hybrid baffle filters.

Non-Ducted Installation

Attach the non-ducted filters (included with the HARKBN24, HARKBN30 or HARKBN36 non-duct kit) to the back of the hybrid baffle filters using clips (provided with non-ducted filters). To order new non-ducted filters, use service part number S99010464-124 for HBN1246SS, S99010464-130 for HBN1306SS or S99010464-136 for HBN1366SS

model.

MAINTENANCE

ALWAYS SWITCH OFF THE ELECTRICITY SUPPLY BEFORE CARRYING OUT ANY OPERATIONS ON THE APPLIANCE.

Hybrid Baffle Filters

The hybrid baffle filters should be cleaned frequently. Use a warm dishwashing detergent solution. Hybrid baffle filters are dishwasher safe.

Clean the filters in the dishwasher using a non-phosphate detergent.

Discoloration of the filters may occur if using phosphate detergents, or as a result of local water conditions – but this will not affect filters performance. This discoloration is not covered by the warranty. To minimize or prevent discoloration, hand wash filters using a mild detergent.

Non-Ducted Recirculation Filters

The Non-Ducted Recirculation filters should be changed every 3 to 6 months. Replace more often if your cooking style generates extra grease, such as frying and wok cooking.

STAINLESS STEEL CLEANING

Do:

- Regularly wash with clean cloth or rag soaked with warm water and mild soap or liquid dish detergent.
- Always clean in the direction of original polish lines.
- Always rinse well with clear water (2 or 3 times) after cleaning.
Wipe dry completely.
- You may also use a specialized household stainless steel cleaner.

Don't:

- Use any steel or stainless steel wool or any other scrapers to remove stubborn dirt.
- Use any harsh or abrasive cleansers.
- Allow dirt to accumulate.

- Let plaster dust or any other construction residues reach the unit.

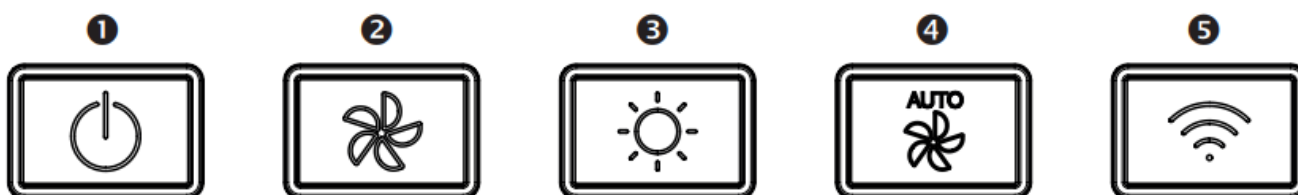
During construction/renovation, cover the unit to make sure no dust sticks to the stainless steel surface.

Avoid when choosing a detergent:

- Any cleaners that contain bleach will attack stainless steel.
- Any products containing: chloride, fluoride, iodide, bromide will deteriorate surfaces rapidly.
- Any combustible products used for cleaning such as acetone, alcohol, ether, benzol, etc., are highly explosive and should never be used close to a range.

OPERATION

Soft-touch control panel



NOTES:

1. Each time a key is pressed, a beep is emitted to acknowledge the command. To disable, when the fan and lights are OFF, press on the Lights key (3) for 5 seconds. To put it back, when the fan and lights are OFF, press again on the Lights key (3) for 5 seconds.
2. Each time a key is pressed, its backlight turns ON. When a function is turned OFF, so does the corresponding key backlight.
 1. **Master ON/OFF:** Press this key to turn on the light and the fan at the last saved intensity. The backlights of the master ON/OFF key, fan key and light key are turned ON. When either light and fan are ON, pressing on this key will memorize the current fan speed and lighting level prior to shut them OFF.
Whenever there is an active function (light or fan is turned ON directly by pressing the fan or light key), the master ON/OFF backlight is turned ON.
When the last active function is turned OFF (light or fan is turned OFF directly by

pressing the fan or light key), the master ON/OFF backlight is also turned OFF.

2. **Fan:** When fan is OFF, a key press turns ON the fan to the last saved speed. If there was no speed saved, the fan will be set on LOW speed. To change the fan speed, press the key again until the desired speed is reached (from LOW, to MEDIUM-LOW, to MEDIUM-HIGH, to HIGH speed). When the fan is ON (no matter the speed level), a long key press turns the fan OFF and the current fan speed setting is saved to memory.

Filter Cleaning Reminder: When the user turns the fan OFF, and the fan key backlight flashes slowly during 30 seconds, then this means it is time to clean the hood and filters (refer to Maintenance section). This will happen every time the user turns the fan OFF (and the timer has not been reset). Once the cleaning is done, at any time during the 30 second signal (and the fan is OFF), a long press on the fan key will reset the timer and stop the key backlight flashing.

3. **Lights:** Press this key to turn ON the lights to the last saved intensity. If there was no light intensity saved, the lights will be set on LOW intensity. To change the lights intensity, press the key again until the desired level is reached (from LOW, to MEDIUM, to HIGH intensity, to OFF).

When the lights are ON, a long press turns the lights OFF and the current light intensity is saved to memory. The next time the lights are turned ON (either with the light key or the master ON/OFF key), it does so at the last saved intensity.

4. **Auto (SMART SENSE):** When the fan is OFF, press this key to enable the Auto mode. When a cooking session is detected, this function will automatically start or adjust the fan speed according to the heat detected on the cooktop. The fan will automatically turn OFF when there is no longer sufficient heat detected on the cooktop.

When the hood is OFF and not in use for 3 minutes, the Auto key backlight will automatically turn OFF. Pressing any key will turn the backlight back ON. In this mode, press or long time press, the backlight will turn ON.

Manual fan speed adjustment in Auto mode:

When the Auto mode is operating, it is possible to manually change the fan speed using the fan key. The Auto key backlight will turn OFF to indicate that the Auto mode is on pause (until the fan has been manually turned OFF). When the heat is sufficiently low on the cooktop, the Auto mode function will automatically be re-enabled and its backlight will turn ON.

Auto Mode Characteristics:

- The Auto Mode sensor measures the temperature related to cooking activity on the range or cooktop.
- When removing a pan or pot from a hot stove surface, the fan speed may increase. This is not unusual since the sensor detects a temperature increase.
- The fan may turn OFF when cooking at a very low temperature level, especially with induction units.
- The fan may turn OFF temporarily when adding cold or frozen items in the pan or pot. When the items heat up sufficiently, the fan will automatically turn back ON.
- When opening the door of a hot oven or when running a self-cleaning oven, the fan may start automatically.
- When starting to cook, there may be a short delay of the fan operation while the pot/pan heats up.
- After cooking is finished, it is normal for the fan to remain ON for a short period of time until the cooking surface/pot/pan cools down.

5. WiFi®/Bluetooth®: See next page.

HEAT SENTRY™

Your unit is equipped with a HEAT SENTRY™ thermostat.

This thermostat is a device that will turn on or speed up the blower if it senses excessive heat above the cooking surface.

1. If blower is OFF – it turns blower ON to HIGH speed.
2. If blower is ON at a lower speed setting – it turns blower up to HIGH speed.

When the temperature level drops to normal, the blower will return to its original setting.

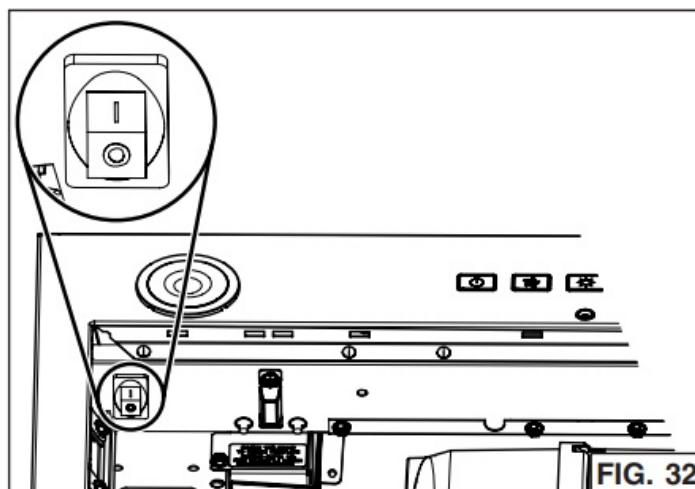
NOTE: When Heat Sentry is activated, the fan key backlight flashes slowly and the fan speed cannot be changed.

WARNING

The HEAT SENTRY thermostat can start the blower even if the hood is turned OFF.

When this occurs, it is impossible to turn the blower OFF with its switch. If you must stop

the blower, set the main power switch (located behind the hybrid baffle filters, on inner side of the unit faceplate) in OFF position (if it is possible to do so safely). See inset in FIG. 32.



FCC/IC Statements

Contains FCC ID: 2AC7Z-ESP32WROVERE Contains IC: 21098- ESPWROVERE

FCC COMPLIANCE STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

CODE READY™ TECHNOLOGY ACTIVATION

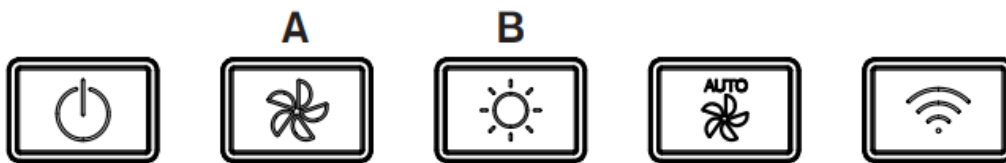
The Code Ready Technology option allows to change the blower output from the 600

CFM factory setting to a maximum of 400 CFM or 300 CFM. Activating the CRT option will reduce the airflow, so that the powerpack insert will perform within the allowable limit of Make-Up Air (MUA) codes (to meet some building code requirements). Do not change the blower CFM setting unless this change is required by code. This change will alter the performance of the product.

IMPORTANT NOTES:

1. This change CANNOT be reverted.
2. CRT can only be set within the first 5 minutes of applying power to the unit.
3. A power outage will not deactivate the CRT.
4. Fan and lights must be OFF.

CRT PROCEDURE



1. Switch power ON using the main power switch (located behind the filters) and press simultaneously on Fan (A) and Lights (B) keys for 5 seconds; Fan (A) and Lights (B) key backlights will now flash to indicate you entered the CRT menu.

400 CFM MAXIMUM AIRFLOW

2. To select the 400 CFM maximum airflow, press on the Fan (A) key for 5 seconds, then release; the Fan key backlight will now flash to indicate 400 CFM has been selected (the Light (B) key backlight will be shut).
3. A second 5-second press on the Fan (A) key and release confirms the selection; the Fan key backlight quickly flashes twice and the buzzer sounds a double beep. The user interface returns to normal operation.
4. Locate the CRT sticker near the HVI Certification label inside the hood, behind the filter.

Check the proper box (400 CFM).

300 CFM MAXIMUM AIRFLOW

5. To select the 300 CFM maximum airflow, press on the Lights (B) key for 5 seconds,

then release; the Lights key backlight will now flash to indicate 300 CFM has been selected (the Fan (A) key backlight will be shut).

6. A second 5-second press on the Lights (B) key and release confirms the selection; the Lights key backlight quickly flashes twice and the buzzer sounds a double beep. The user interface returns to normal operation.
7. Locate the CRT sticker near the HVI Certification label inside the hood, behind the filter.
Check the proper box (300 CFM).

WI-FI/BLUETOOTH®

This key is used to pair the powerpack insert (via Bluetooth®) to a smart device and to connect it to your home Wi-Fi network, or deactivate Wi-Fi/Bluetooth.

ACTIVATING PAIRING MODE

Before starting this procedure, ensure fan and lights are OFF.

Press the key 3 seconds to initiate the pairing process, if the Wi-Fi/Bluetooth function was OFF, it will turn back ON. The key backlight will flash (15 secs) showing that the device is ready to be paired.

WI-FI/BLUETOOTH FUNCTIONALITY

To turn OFF the Wi-Fi/Bluetooth function, press the key for 3 seconds. Once the key backlight is flashing, press the Master ON/OFF key 1 for 3 seconds. The Wi-Fi/Bluetooth function and key backlight will turn OFF. To turn back ON the Wi-Fi/Bluetooth function, press the key for 3 seconds.

When the hood is OFF and not in use for 3 minutes, the Wi-Fi/Bluetooth key backlight will automatically turn OFF. Pressing any key will turn the backlight back ON.

RESETTING WI-FI/BLUETOOTH

To reset the Wi-fi/ Bluetooth connectivity (remove saved devices and disconnect from the Wi-Fi network), press the key for 3 seconds. Once the key backlight is flashing, press the key again for 10 seconds.

ESSENTIALS TO CONNECT YOUR WI-FI/BLUETOOTH UNIT

Before you connect your powerpack insert to a Wi-Fi network, you will need:

- A smart device with the latest version of iOS or Android operating system
- The smart device has access to the internet and Wi-Fi and Bluetooth are enabled
- The smart device within 5 meters (16 ft.) of the powerpack unit
- The powerpack unit is within the Wi-Fi signal range of your home network
- The name of your Wi-Fi home network (SSID) and its password
- No other Bluetooth enabled smart device nearby.

CONNECTING YOUR WI-FI/BLUETOOTH UNIT

1. Download the Best Kitchen app.



2. Follow the instructions in the app.
3. Scan the QR code below if you need more details for installing and using the app.



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Google Play and the Google Play logo are trademarks of Google LLC.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Best is under license.

Other trademarks and trade names are those of their respective owners.

USING YOUR CONNECTED ITEM

Now that your unit is properly connected, you can experience all the functionalities through the app.

Even if you are not physically close to the unit, you can control it through the app using your Wi-fi network.

VOICE CONTROL

You can control the powerpack insert through your voice assistant device (Alexa or Google Home).

USING ALEXA APP OR ALEXA SPEAKER OR DISPLAY

You can rename your powerpack insert using the Alexa app. Keep in mind that this only renames the device on Alexa's end.

Here are some of the currently Alexa voice commands for your powerpack insert:

Range hood:

- Alexa, turn ON the range hood
- Alexa, turn the range hood ON
- Alexa, turn OFF the range hood
- Alexa, turn the range hood OFF

Fan

- Alexa, turn ON the range hood fan
- Alexa, turn OFF the range hood fan
- Alexa, set the range hood fan speed to one Alexa, set the range hood fan speed to two Alexa, set the range hood fan speed to three Alexa, set the range hood fan speed to four

Lights

- Alexa, turn ON the range hood lights
- Alexa, turn OFF the range hood lights
- Alexa, set the range hood lights to one

- Alexa, set the range hood light to two
- Alexa, set the range hood lights to three

USING GOOGLE ASSISTANT ENABLED SPEAKER OR DISPLAY

Say “Hey Google” and Google will start listening to your commands.

Here are some of the currently Google voice commands for your powerpack insert:

Range hood

- Hey Google, turn ON the range hood
- Hey Google, turn the range hood ON
- Hey Google, turn OFF the range hood
- Hey Google, turn the range hood OFF

Fan:

- Hey Google, turn ON the range hood fan
- Hey Google, turn OFF the range hood fan
- Hey Google, set the range hood fan speed to one
- Hey Google, set the range hood fan speed to two
- Hey Google, set the range hood fan speed to three
- Hey Google, set the range hood fan speed to four

Lights

- Hey Google, turn ON the range hood lights
- Hey Google, turn OFF the range hood lights
- Hey Google, set the range hood lights to one
- Hey Google, set the range hood lights to two
- Hey Google, set the range hood lights to three

FIRMWARE UPDATE

Periodic firmware updates will improve your experience using the unit. You will be able to

explore new features that are added to the device and have enhanced user experience while interacting with the device. A Best user account must be created in order to take advantage of Firmware updates.

When updates are available, you will be notified through the app. We recommend installing updates when they are available; it only takes a few minutes.

When a firmware is available, you will need:

- the powerpack insert connected to your Wi-Fi home network
- your smart device with the Best app properly installed and configured

SCAN THIS QR CODE TO ACCESS COMPLETE VERSION OF THESE INSTRUCTIONS (INCLUDING SPANISH)



For complete warranty statement and service parts, or to learn more about the instructions below, please type your model number in on our website or scan the QR code.



To obtain a paper copy of the detailed instructions, please call us.

In the United States

bestrangehoods.com

1-[800-558-1711](tel:8005581711)

In Canada

For ADA compliance installation guidelines, please type the model number into our website.

FAQ

Q: Can this product be used for commercial cooking?

A: No, this product is intended for domestic cooking only.


Q: What type of ductwork is recommended for installation?

A: It is recommended to use metal ductwork for ducted installations to reduce the risk of fire.

Q: How do I obtain a paper copy of the detailed instructions?

A: To get a paper copy of the detailed instructions, please contact us at the provided phone numbers or visit our website for more information.

Documents / Resources

	<p>best HBN1 Series Power Pack Insert [pdf] User Manual</p> <p>HBN1366SS, HBN1366SS, HBN1 Series Power Pack Insert, HBN1 Series, Power Pack Insert, Pack Insert</p>
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References

- [User Manual](#)

◆ BEST, HBN1 Series, HBN1 Series Power Pack Insert, HBN1366SS, Pack Insert, Power Pack

■ best Insert

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