



# **INDOOR COOKING**

Vent Hood – Island

KVI

Installation, Use and Care Manual

 **HESTAN**

## **▲WARNING**

IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Installation and service must be performed by a qualified installer or service agency.

DO NOT REPAIR, REPLACE OR REMOVE ANY PART OF THE APPLIANCE UNLESS SPECIFICALLY RECOMMENDED IN THE MANUAL. IMPROPER INSTALLATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. REFER TO THIS MANUAL FOR GUIDANCE. ALL OTHER SERVICING SHOULD BE DONE BY A HESTAN AUTHORIZED SERVICE TECHNICIAN.

READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE INSTALLING OR USING YOUR APPLIANCE TO REDUCE THE RISK OF FIRE, BURN HAZARD, OR OTHER INJURY. KEEP THIS MANUAL FOR FUTURE REFERENCE.

## **SAFETY DEFINITIONS**

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**▲WARNING** THIS INDICATES THAT DEATH OR SERIOUS INJURY MAY OCCUR AS A RESULT OF NOT OBSERVING THIS WARNING.

**▲CAUTION** THIS INDICATES THAT MINOR OR MODERATE INJURY MAY OCCUR AS A RESULT OF NOT OBSERVING THIS WARNING.

**NOTICE** THIS INDICATES THAT DAMAGE TO THE APPLIANCE OR PROPERTY MAY OCCUR AS A RESULT OF NOT OBSERVING THIS WARNING.

INSTALLER: LEAVE THIS MANUAL WITH THE OWNER OF THE APPLIANCE.

HOMEOWNER: RETAIN THIS MANUAL FOR FUTURE REFERENCE.

***Message from Hestan:***

*Hestan's award-winning culinary innovations and purpose-built features reinvented the restaurant kitchen and redefined culinary experience in some of America's most acclaimed restaurants. Hestan now takes this performance from the back of the house and puts it front and center in yours. Thoughtfully designed and meticulously built, Hestan will serve you beautifully for years to come.*

*Hestan is the only residential brand born from the dreams and demands of professional chefs. From ranges to refrigeration, every detail is designed to deliver the performance and reliability expected in a restaurant – now available for you.*

*We appreciate you choosing Hestan, and we promise to deliver the very best to you.*

***Welcome to Hestan***





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## SAFETY PRECAUTIONS - BEFORE YOU BEGIN

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When properly cared for, your Hestan ventilation system will provide safe, reliable service for many years. When using this ventilation system, basic safety practices must be followed as described in the following pages.

IMPORTANT: Save these instructions for the local Utility Inspector's use.

INSTALLER: Please leave these Installation Instructions with the owner.

OWNER: Please read these Instructions and save them for future reference.

### **⚠ WARNING**

#### **ELECTRICAL SHOCK HAZARD**

It is the responsibility of the user to have the appliance connected by a licensed electrician in accordance with all applicable codes and standards, including fire-related construction. See step 10 - "WIRING CONNECTION:" on page 14 for details.



#### **ELECTRICAL SUPPLY AND GROUNDING**

- This appliance must be grounded. See step 10 - "WIRING CONNECTION:" on page 14 for details.
- This appliance must be connected to 120 VAC Single Phase, 60 Hz, with a 20 amp dedicated circuit.
- OWNER: Have the installer show you where the electric circuit breaker is located so you know how to shut off the power to this appliance.

Suitable for use in covered outdoor applications when installed in a GFCI protected branch circuit.



## SAFETY PRECAUTIONS - BEFORE YOU BEGIN (CONT)

### GENERAL SAFETY PRECAUTIONS

When properly cared for, your new Hestan ventilation hood has been designed to be a safe, reliable ventilation system. Read all instructions carefully before using this ventilation system. When using kitchen appliances, basic safety precautions must be followed.

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

- a) Use this ventilation system only as intended by the manufacturer. If you have any questions, contact the manufacturer.
- b) 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.

**⚠ WARNING** FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS.

**⚠ WARNING** TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

- a) Never leave burners or surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- b) Always turn hood ON when cooking at high heat or when flambéing food (i.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambé).
- c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- d) Use proper pan size. Always use cookware appropriate for the size of the burner or surface element.

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

- a) 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.
- b) NEVER PICK UP A FLAMING PAN - You may be burned.
- c) DO NOT USE WATER, including wet dish cloths or towels - a violent steam explosion will result.
- d) Use an extinguisher ONLY IF:
  1. You have a Class ABC or Class K fire extinguisher and you already know how to operate it.
  2. The fire is small and contained in the area where it started.
  3. The fire department is being called.
  4. You can fight the fire with your back to an exit.

\* Based on "Kitchen Fire Safety Tips" published by NFPA.

### **▲WARNING**

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#### **BURN HAZARD**

This ventilation system is intended for use with ranges or cooktops, which can get very hot during operation. Observe the warnings and cautions for the cooking appliance.

This ventilation system should be serviced only by a Hestan authorized service technician. Contact the nearest authorized service center for examination, repair or adjustment.

Do not repair or replace any part of the system unless specifically recommended. Refer service to an authorized servicer.

Do not operate this ventilation system if it is not working properly or if it has been damaged, until an authorized servicer has examined it.

Install or locate this ventilation system only in accordance with the Installation section of this manual. Do not cover or block any openings on this ventilation system.

It is highly recommended that a suitable kitchen fire extinguisher (Class ABC or K) be readily available and highly visible next to any cooking appliance.

#### **SAFETY DURING CLEANING**

Clean only ventilation system parts listed in this manual, in the manner specified in this manual.

Note: the “ventilating fans” and “filter” in the previous warnings refer to the blower wheels, blower housing(s), and blower shield(s). See “CLEANING” on page 7 for parts identification and cleaning instructions.

THIS MANUAL SHOULD REMAIN WITH THE HOMEOWNER FOR FUTURE REFERENCE.

## MODEL NUMBERS

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MODEL NO.	DESCRIPTION	BLOWER PACKAGE
KVI36	36" Island-Style 550 cfm Kitchen Ventilation System	T200 Dual
KVI42	42" Island-Style 550 cfm Kitchen Ventilation System	T200 Dual
KVI54	54" Island-Style 1100 cfm Kitchen Ventilation System	T400 Quad

## POWER AND FLOW RATINGS

Blower Package	Amps	CFM SP@0.0 <sup>**</sup>	Equivalent CFM <sup>**</sup>	CFM SP@0.1 <sup>***</sup>	CFM SP@0.2 <sup>***</sup>	CFM SP@0.3 <sup>***</sup>	Minimum Round Duct Size	Sones <sup>***</sup>
T200 Dual	4.0	550	900	507	471	431	8" (50 in. <sup>2</sup> )	6.0
T400 Quad	7.5	1100	1800	998	855	774	12" (113 in. <sup>2</sup> )	6.4

All units 115 VAC 60 Hz 1550 RPM

\* Static Pressure in inches water column.

\*\* When comparing the Hestan system with blower units made by other manufacturers, use the "Equivalent CFM".

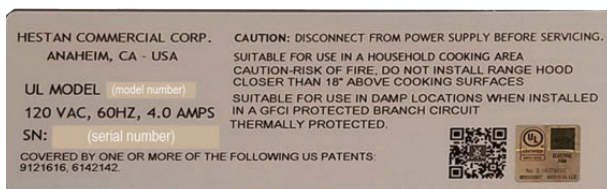
\*\*\* Ratings in accordance with the Standard Test Code by the Energy Systems Laboratory of the Texas Engineering Experiment Station.

## RATING LABEL

The rating label contains important information about your Hestan appliance such as the model and serial number, electrical rating and the minimum installation clearances.

The rating label is located on the blower housing.

If service is necessary, contact Hestan Customer Care with the model and serial number information shown on the label.



Typical rating label



Rating label location



## REGULATORY / CODE REQUIREMENTS

Installation of this ventilation system must be made in accordance with local codes. In the absence of local codes, this unit should be installed in accordance with the National Electrical Code and local codes.

This appliance must be electrically grounded in accordance with local codes or in the absence of local codes with the National Electrical Code *ANSI/NFPA 70*, or Canadian Electrical code *CSA C22.1*.

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## USING THE VENTILATION SYSTEM

### FEATURES OF THE VENTILATION SYSTEM

Speed controls are provided for each blower assembly. Two-blower systems will have one speed control knob, while four-blower systems will have two speed control knobs.

A control knob is provided for lighting intensity.

The controls layout will be similar to that shown below.

### USING THE HOOD

The user can start with the a hood on the lowest setting, and then increase speed and/or turn on additional blowers as required. Using the hood at high settings may increase heating or air conditioning requirements and costs for the house.

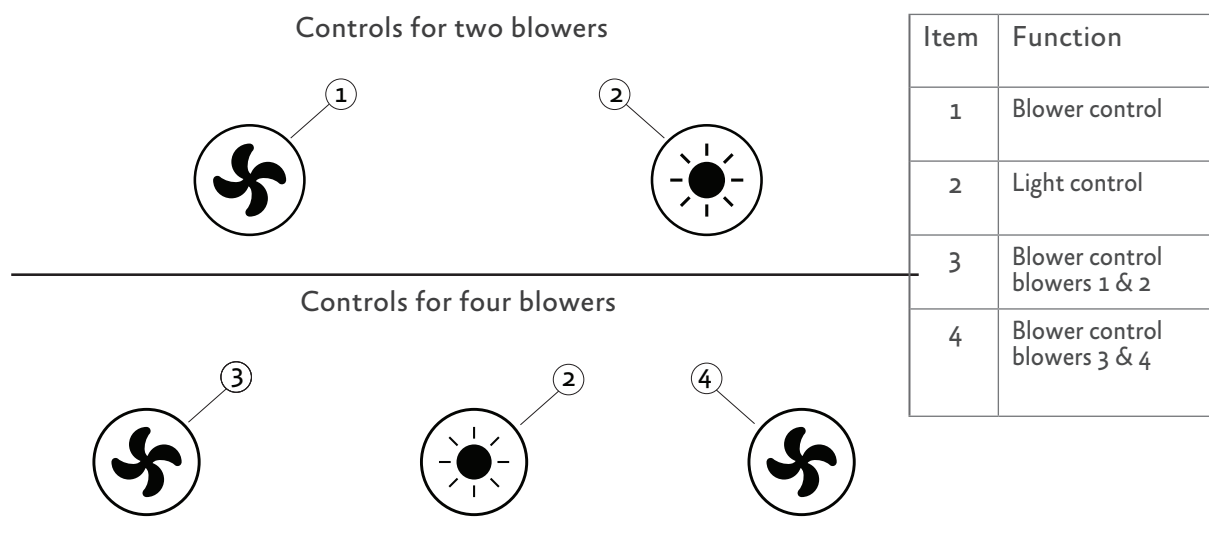
### BLOWER CONTROL KNOB

To operate the blower(s), rotate the knob through the blower speed settings by turning it clockwise (facing the knob).

Rotate the knob counter-clockwise to reduce the blower speed.

### LIGHT CONTROL KNOB

To operate the lights, rotate the knob through the light intensity settings by turning it clockwise (facing the knob). Rotate the knob counter-clockwise to dim the lights or turn them off.



# CLEANING AND MAINTENANCE

## CLEANING THE VENTILATION SYSTEM

Cleaning requirements depend completely on usage and environment. The more high-heat and/or greasy cooking, the more often the hood and blower will need cleaning.

The grease tray and blower aren't visible from the outside, so they must be removed for inspection.

After you've inspected the tray a few times over the course of six months or a year, you'll be able to set a cleaning schedule according to your usage pattern.

### HOOD CANOPY

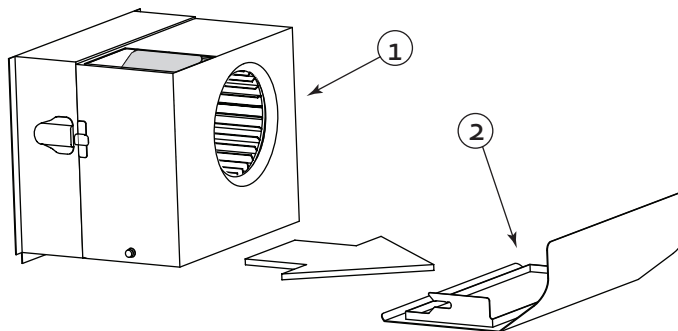
Wipe down the interior and exterior of the hood as needed with a soft cloth and warm soapy water (liquid dish detergent is acceptable). Do not use acids, abrasives, strong detergents, solvents, or scouring pads. Stainless steel should be treated with a quality stainless steel cleaner such as Stainless Steel Magic®. Follow all label instructions. Do not polish across the grain or in circles.

### BLOWER HOUSING AND SHIELD

**⚠ WARNING** To reduce the risk of personal injury, be sure the power is turned off in the hood before removing the shield(s) and blower housing(s).

The blower captures grease by-products in the blower housing(s) and blower shield(s). The blower shields require more frequent cleaning than the blower housing, but cooking usage determines how often each item will need to be cleaned.

Item #	Description
1	Blower housing with damper(s)
2	Blower shield



### BLOWER SHIELD REMOVAL

The blower shields are easily removed for cleaning by pulling the blower shield(s) away from the blower housing in the direction shown above.

**NOTICE** Be careful to keep the tray level if the hood has been recently used and the grease might still be warm.

Inspect and clean the blower shield (Details follow)

### BLOWER HOUSING REMOVAL

To remove the blower housing:

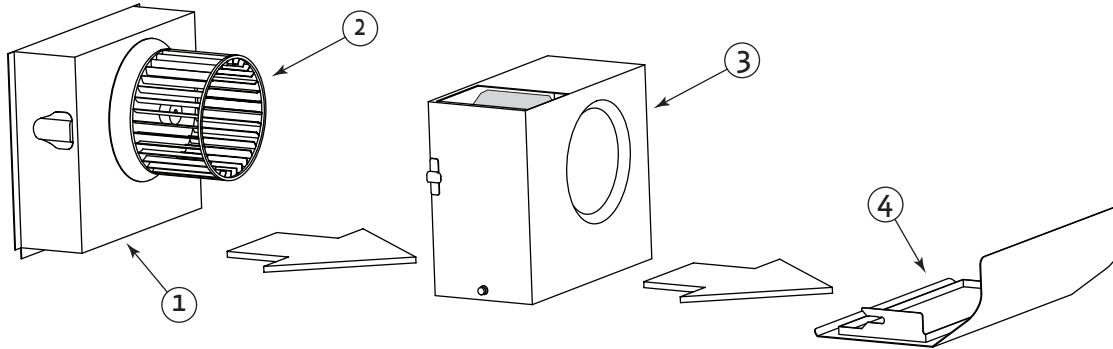
1. Unsnap two suitcase latches, one on each side of the housing.
2. Support the housing and pull it away from the blower base.
3. While pulling it back, gently "tip" it downward to clear the blower wheel(s).

## CLEANING AND MAINTENANCE (CONT.)

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### CLEANING

Clean the shield(s) and/or blower housing(s) in a sink of warm soapy water (liquid dish detergent) and let soak for a few minutes. Wash with a sponge or dishcloth, rinse and let drain before reinstalling. Alternatively, the blower housing(s) and blower shield(s) may be placed into a dishwasher.



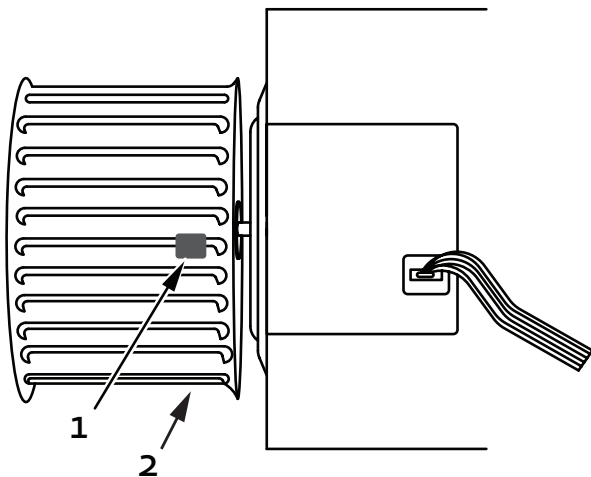
Item #	Description
1	Motor housing
2	Wheel
3	Blower housing with damper(s)
4	Blower shield

**⚠ WARNING** To reduce the risk of personal injury, be sure the power is turned off in the hood before removing the shield(s) and blower housing(s).

Regular cleaning of the blower housing should prevent grease accumulation on the blower wheel. If grease build-up should occur, the blower wheel may easily be cleaned in place using a soft bristle toothbrush and a common degreaser such as Formula 409®.

**NOTICE** Take care not to move or lose the metal balancing clips that may be affixed to the wheel.

Item #	Description
1	Balancing clip
2	Blower wheel





## CLEANING AND MAINTENANCE (CONT.)

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### BLOWER WHEEL REMOVAL

For instances where the blower wheel must be removed, follow the instructions below.

- Removing the blower wheel requires a 1/8" hex wrench. This may be obtained from your local hardware store or tool supply.

The wheel is retained by a set screw on the side of the hub of the wheel that tightens up against a "flat" spot on the motor shaft.

1. Locate the set screw on the side of the hub of the wheel.
2. Insert wrench through the blades of the blower wheel and into the set screw.
3. Loosen the set screw 1/2 turn counterclockwise.

If the wheel is difficult to remove, the area where the motor shaft makes contact with the blower wheel hub may need to be sprayed with a common penetrating oil such as WD-40®.

After allowing the penetrating oil to soak for a few minutes, push the blower wheel forward slightly, then gently pull the blower wheel off the motor shaft.

- Use caution to avoid bending or distorting the blower wheel and take care not to move or lose the metal balancing clips that may be affixed to the wheel.

A soft bristle toothbrush with warm soapy water may be used to clean the blades, or soak the blower wheel in warm soapy water.

### BLOWER WHEEL INSTALLATION

When reinstalling the wheel onto the motor shaft, make sure the set screw makes direct contact with the "flat spot" on the motor shaft.

1. Slide the blower wheel onto the motor shaft as far as it will go, making sure the back of the blower wheel does not touch the motor mount screws protruding from the motor.
- If the wheel is too far back, it will rub the motor mount screws, and if it is too far forward, it will rub the inside of the blower housing.
2. Adjust the blower wheel slightly to find the correct front-to-rear location.
3. Tighten the set screw (clockwise) to lock the blower wheel in the correct position.

### **NOTICE**

For hoods that have more than one blower wheel, make sure that white blower wheels are matched up with white motor rings, and black blower wheels are matched up with black motor rings.

The hood will not perform properly if blower wheels and motors are mismatched.

## CLEANING AND MAINTENANCE (CONT.)

### MOTOR REPLACEMENT



**WARNING** To reduce the risk of personal injury, turn off power to the hood at the breaker or the circuit disconnect before attempting to remove the blower motor.

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### MOTOR IDENTIFICATION AND POSITIONING

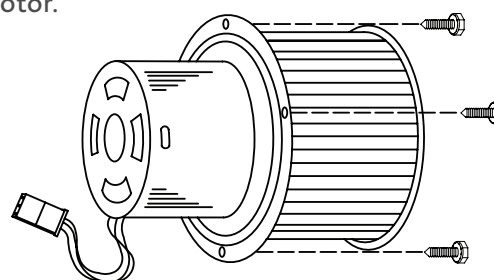
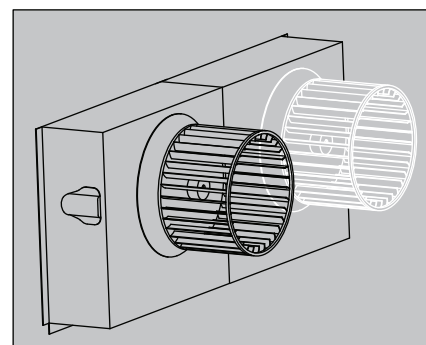
Motors are color-coded; black and white motors have different rotations and must be installed in the correct positions.

- Housings with a single blower use a white blower and wheel.
- Housings with two blowers use a white blower on the right and black on the left.

Make sure you have the correct motor in each housing position.

- If the replacement blower motor includes a blower wheel, then you can remove the motor and wheel together. If you will re-use your existing wheel, then you may wish to remove the wheel before removing the motor.

1. Remove the shield and blower housing as described on page 6.
2. Use a 1/4" nut driver to remove the three motor mount screws that attach the motor to the base.
3. Gently pull the motor forward and down.
4. Disconnect the wiring harness, remove the old motor.
- To avoid damage to the blower wheel, you may wish to install the motor and then install the wheel onto the motor.
5. Lift the new motor so you can connect the wiring harness. Be sure to fully engage the electrical connections and tighten the motor mount screws.
6. Check the blower wheel clearance and adjust as needed, as described in "BLOWER WHEEL INSTALLATION" on page 8.



## TROUBLESHOOTING

If the hood does not perform satisfactorily, check the following:

- Do the blowers run?
- Are the blower wheels installed on the correct motors? (black wheel on black motor, white wheel on white motor)
- Are the motor and wheel assemblies installed in the correct locations?
- Check the damper doors in blower housing(s) - do they move/open freely?
- Check the dampers/vents to outside - do they open freely, with no obstructions?
- Check for damaged or obstructed ductwork.

# DUCTING DO'S AND DON'TS

## GENERAL REQUIREMENTS

Observe local codes regarding special duct requirements and placement of duct work against combustibles.

- Using recommended transitions (included) will ensure proper efficiency.
- Using recommended roof caps or wall louvers (see VENT ACCESSORIES) will ensure proper efficiency.
- Use foil HVAC tape (not grey cloth duct tape) to seal all joints.
- The hood must be ducted to the outdoors without restrictions.

## BLOWER REQUIREMENTS

The island dual blower unit (T200 = 550 CFM) used in 36" and 42" systems, outputs through the included transition to 8" round duct or equivalent. (50 sq. inches)

The 54" system uses a cluster of four blowers (T400 = 1100 CFM) which output through the included transition to 12" round duct or equivalent. (113 sq. inches)

## DUCTING REQUIREMENTS (DO'S AND DON'TS)

- NEVER reduce the duct size. When combining ducts together, the square inch area of the outlet duct must be equal or greater than the total square inch area of the ducts being combined.
- Only use smooth galvanized metal duct. Do not use flexible or corrugated duct. This type of duct will restrict airflow and reduce performance.
- Make the duct run as short and as straight as possible with as few turns as possible.
- Avoid sharp-angled turns. Instead, use smooth, gradual turns such as adjustable elbows or 45 degree angled turns.
- For duct runs over 20 feet, increase the duct diameter by one inch for every ten feet of duct.
- When planning length, a 90 degree elbow is equivalent to 5 feet of duct.

## TERMINATION REQUIREMENTS

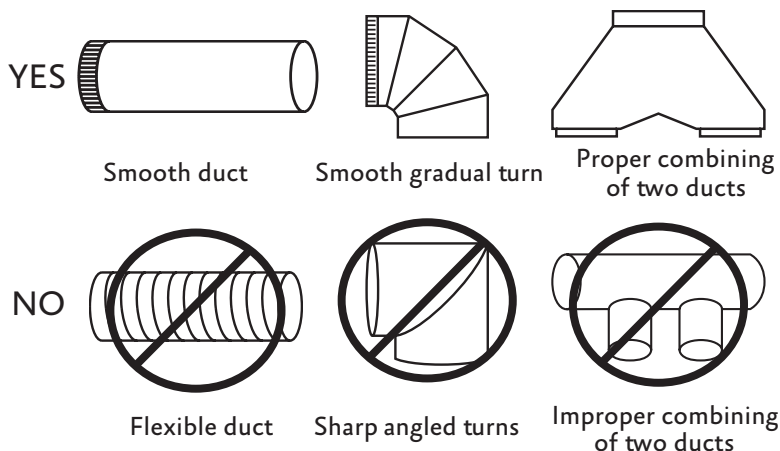
Airflow must not be restricted at the end of the duct run.

A wall louver or roof cap is required for each duct run.

Every wall louver or roof cap must include a gravity damper to prevent back drafts.

Do not use screen wire or spring-loaded doors on wall louvers or roof caps.

Do not terminate venting into an attic or chimney.





## INSTALLATION

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

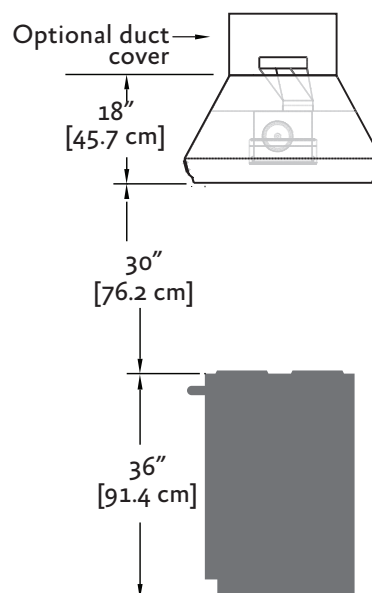
- a) Load-bearing framework in the ceiling is necessary for the installation of an island hood. Additional framework construction may be required. Do not attach an island hood to a structure that cannot support twice the weight of the hood and (optional) duct covers. For weights of hoods, see the Dimensions table on page 13, and “Duct Covers” on page 16.
- b) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- c) Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. 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.
- d) When cutting or drilling into ceiling, do not damage electrical wiring and other hidden utilities.
- e) Ducted fans must always be vented to the outdoors.

**⚠ WARNING** TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.

TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT USE THIS BLOWER WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

### INSTALLATION DETAILS

1. Read all instructions thoroughly before beginning installation. Note: These instructions apply to Hestan’s hoods only.
  - See “DUCTING DO’S AND DON’TS” on page 10.
  - Weight and size: For safe installation, at least two people should be present to lift and hold the hood. For larger hoods and installations with duct covers, it is advisable to have a third person present to assist. For weights of hoods, see the Dimensions table on page 13, and “Duct Covers” on page 16.
2. When installing an island hood, it is recommended that the bottom edge of the hood be located no more than 30” above the cooking surface for optimum performance.
3. If using a duct cover:
  - a) Remove the duct cover from its packaging and remove the hood-mounting screws from the base of the duct cover.
  - b) Install the duct cover to the load-bearing framework in the ceiling using appropriate hardware through the four inside corner mounting flanges on the top of the duct cover.
4. Install the duct from outside the home, down to the location of the exhaust outlet on the top of the included transition of the hood, plus 1”. This will allow the transition to engage 1” inside of the duct. Consult the connection diagrams (on next page) for further details on exhaust outlet placement.
  - Use foil HVAC tape (not grey cloth duct tape) to seal all joints. See “VENT ACCESSORIES” on page 15 for a listing of available Hestan ducting materials.



## INSTALLATION (CONT.)

### CONNECTION HEIGHTS:

The hood will mount to a suitable structure or to an (optional) duct cover. The hood height and duct length will be determined by the height of the mounting surface.

Dual Blower (T200 = 550 CFM):

Top of included transition is 3" above top of hood.

The duct should extend to 2" above the hood mounting surface.

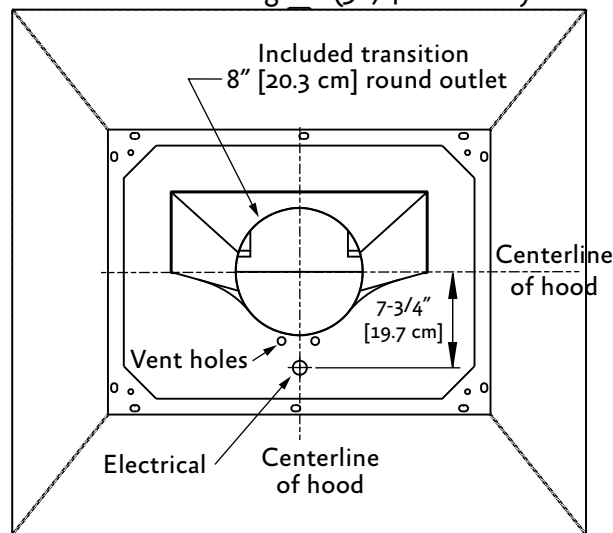
Quad Blowers (T400 = 1100 CFM):

Top of included transition is 5-1/4" above top of hood.

The duct should extend to 4-1/4" above the hood mounting surface.

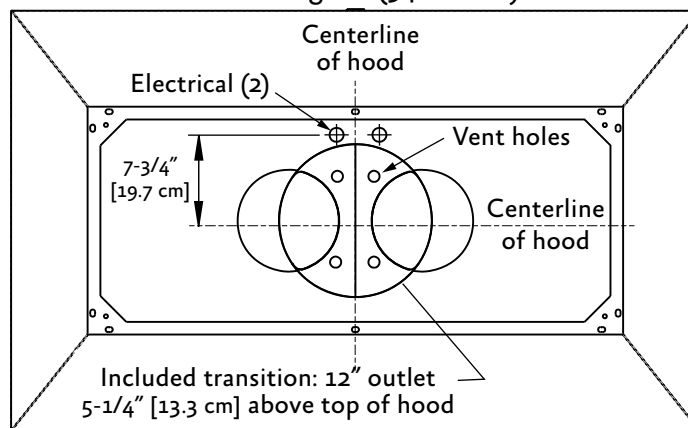
### CONNECTION DIAGRAMS

Connection Diagram (36, 42" models)



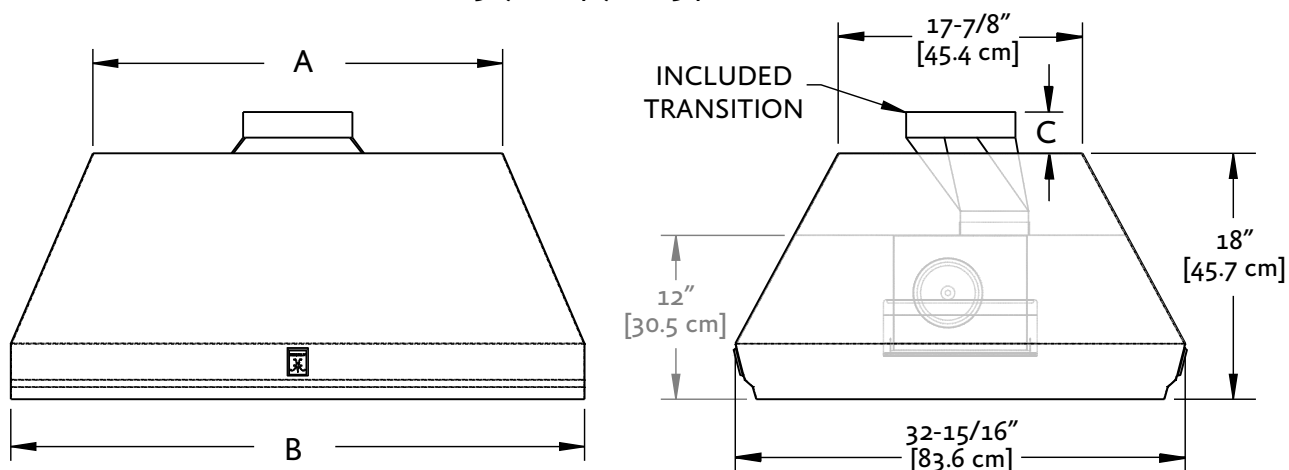
T200 Dual Blower (550 CFM) (Top View)

Connection Diagram (54" model)



T400 - Quad Blowers (1100 CFM) (Top View)

## KVI36, KVI42, KVI54 DIMENSIONS



MODEL	WEIGHT	A	B	C	Duct Connection
KVI36	95 lbs. [42 kg]	24 in. [61.0 cm]	36 in. [91.4 cm]	3 in. [7.6 cm]	8 in. [20.3 cm]
KVI42	116 lbs. [53 kg]	30 in. [76.2 cm]	42 in. [106.7 cm]	3 in. [7.6 cm]	8 in. [20.3 cm]
KVI54	188 lbs. [85kg]	42 in. [106.7 cm]	54 in. [137.2 cm]	5-1/4 in. [13.3 cm]	12 in. [30.5 cm]

5. Prepare a protective surface on the floor or countertop for the hood. Remove the hood from its packaging, and set the transition aside. Then place the hood upside-down on the protective surface for access to the inside of the hood.
6. Remove the blower shield(s) and blower housing(s) as follows:
  - a) Remove the shipping tape that is securing the blower shield(s) inside the hood.
  - b) Remove the blower shield(s) as described in BLOWER SHIELD REMOVAL on page 6.
  - c) Gently close the back draft damper(s) from the top side of the hood.
  - d) Remove the blower housing(s) as described in BLOWER HOUSING REMOVAL on page 6.

**⚠ WARNING** MAKE SURE POWER IS OFF AT THE SUPPLY PANEL / BREAKER DURING SERVICE OR INSTALLATION.

7. Remove the blower deck assembly by removing the 12 screws around the blower mounting plate. Unplug the electrical connector(s) and set the blower assembly aside, taking care not to damage the blower wheels.



## INSTALLATION (CONT.)

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### 8. WIRING PREPARATION:

- a) Install an appropriate 1/2" UL listed electrical wire clamp through the electrical strap(s) on top of the hood deck.
- b) Install electrical wiring from the service panel to the hood location for each blower assembly. Consult the connection diagrams (previous pages) for further details on electrical placement. See "ELECTRICAL SUPPLY AND GROUNDING" on page 1 for power requirements.
- c) Support the hood beneath the location where it will hang and feed the electrical wire(s) into the wire clamp(s). Tighten the wire clamp(s).

### 9. Raise the hood to its final position and attach it:

- a) If mounting to the load-bearing framework in the ceiling, use appropriate hardware.
- b) If mounting to a duct cover, use the screws previously removed in Step 3.

### 10. WIRING CONNECTION:

From inside the hood, using UL listed wire nuts, attach the "neutral" wire(s) to the white lead(s), the "hot" wire(s) to the black lead(s), and the ground wire(s) to the green lead(s) inside the motor box(es).



**WARNING** DO NOT OPERATE HOOD WITHOUT PROPER GROUND CONNECTION.

### 11. Installing / connection to the blower deck:

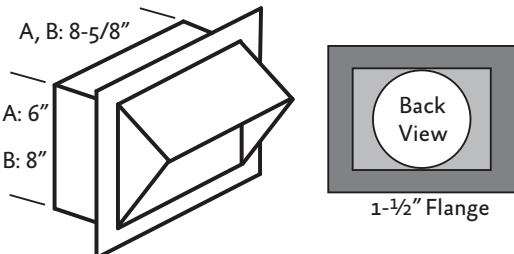
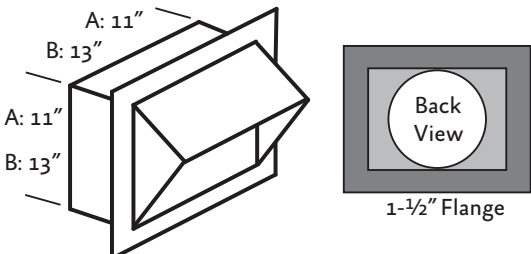
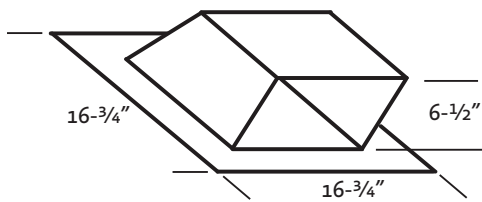
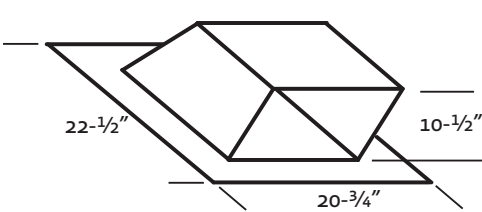
- a) Attach the transition to the blower deck assembly and seal with foil duct tape. The transition must fit inside the exhaust collar on the blower deck assembly.
- b) Reconnect the electrical connector(s). For assemblies with two connectors, connect the right harness to the front connector and the left harness to the back connector.
- c) While taking care to properly align the duct connection between the transition and the duct in the ceiling, reinstall the blower deck assembly into the hood using the 12 screws previously removed in Step 7.

### 12. Replace the blower housings and the blower shields. Make sure that the dampers open and close smoothly.

### 13. Turn power ON, verify operation: See "USING THE VENTILATION SYSTEM" on page 5 for proper hood operation. Test all blower and light functions to ensure they are operating properly.

# VENT ACCESSORIES

EN

<p style="text-align: center;"><b>WALL LOUVER</b></p>  <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">ITEM</th> <th style="text-align: left;">MODEL</th> <th style="text-align: left;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>AKVWL6</td> <td>6" Round</td> </tr> <tr> <td>B</td> <td>AKVWL8</td> <td>8" Round</td> </tr> </tbody> </table>	ITEM	MODEL	DESCRIPTION	A	AKVWL6	6" Round	B	AKVWL8	8" Round	<p style="text-align: center;"><b>WALL LOUVER</b></p>  <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">ITEM</th> <th style="text-align: left;">MODEL</th> <th style="text-align: left;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>AKVWL10</td> <td>10" Round</td> </tr> <tr> <td>B</td> <td>AKVWL12</td> <td>12" Round</td> </tr> </tbody> </table>	ITEM	MODEL	DESCRIPTION	A	AKVWL10	10" Round	B	AKVWL12	12" Round
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## DUCT COVERS

EN

HESTAN MODEL #	DESCRIPTION	WEIGHT	USE WITH HOOD MODEL #
KVDCI3612-XX	DUCT COVER, VENTILATION, 24W X 18 X 12H	12.3 lb [6 kg]	KVI36
KVDCI3624-XX	DUCT COVER, VENTILATION, 24W X 18 X 24H	22.8 lb [10 kg]	KVI36
KVDCI3636-XX	DUCT COVER, VENTILATION, 24W X 18 X 36H	33.3 lb [15 kg]	KVI36
KVDCI4212-XX	DUCT COVER, VENTILATION, 30W X 18 X 12H	14.1 lb [6 kg]	KVI42
KVDCI4224-XX	DUCT COVER, VENTILATION, 30W X 18 X 24H	26.1 lb [12 kg]	KVI42
KVDCI4236-XX	DUCT COVER, VENTILATION, 30W X 18 X 36H	38.1 lb [17 kg]	KVI42
KVDCI5412-XX	DUCT COVER, VENTILATION, 42W X 18 X 12H	17.8 lb [8 kg]	KVI54
KVDCI5424-XX	DUCT COVER, VENTILATION, 42W X 18 X 24H	32.7 lb [15 kg]	KVI54
KVDCI5436-XX	DUCT COVER, VENTILATION, 42W X 18 X 36H	47.7 lb [22 kg]	KVI54

**NOTE: -XX INDICATES COLOR MODEL.**

Omission of color code indicates stainless steel.

-BK for Stealth - Black

-YW for Sol - Yellow

-PP for Lush - Purple

-CG for Pacific Fog - Graphite Gray

-WH for Froth - White

-OR for Citra - Orange

-BU for Prince - Blue

-RD for Matador - Red

-BG for Tin Roof - Burgundy

-GR for Grove - Green

-TQ for Bora Bora - Turquoise

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