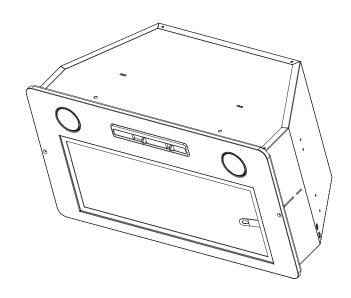
MISENO



MODEL #.

MH80120AS



Installation, Use and Care Guide

READ AND SAVE THESE INSTRUCTIONS



2017.APR

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WARNING

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

WARNING

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

- a. Use this unit only in the manner intended by the manufacturer, if you have questions, contact the manufacturer.
- b. Before servicing or cleaning unit, switch power off at service panel and lock panel 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.

CAUTION

For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors. Take care when using cleaning agents or detergents. Suitable for use in household cooking area.

WARNING

TO REDUCE THE RISK OF RANGE TOP GREASE FIRE:

- a. 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.
- b. Always turn hood ON when cooking at high heat or when flaming food
- 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 surface element.
- e. Keep fan, filters and grease laden surfaces clean.
- f. Use high setting on hood only when necessary.
- g. Don't leave hood unattended when cooking.
- h. Always use cookware and utensils appropriate for the type of and amount of food being prepared.

WARNING

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP 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 dishcloths or towels a violent steam explosion will result.
- d. Use an extinguisher ONLY if:
 - 1. You know you have a Class ABC 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

WARNING

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

- a. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards. Including fire-rated construction.
- b. Sufficient air is needed for power 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.
- c. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- d. Ducted fans must always vent to the outdoors.
- e. NEVER place a switch where it can be reached from a tub or shower.
- f. Make sure the power is off before installing, wiring or maintenancing.

WARNING

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

CAUTION

To reduce risk of fire and to properly exhaust air outside - Do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces or garages.

OPFRATION

Always leave safety grilles and filters in place. Without these components, operating blowers could catch onto hair, fingers and loose clothing.

The manufacturer declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable use of the product. The manufacturer further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

ELECTRICAL REQUIREMENTS

Important:

Observe all governing codes and ordinances.

It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 latest edition* or CSA standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No.0-M91 latest edition** and all local codes and ordinances.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Do not ground to a gas pipe.

Check with a qualified electrician if you are not sure the range hood is properly grounded.

Do not have a fuse in the neutral or ground circuit.

- *National Fire Protection Association Batterymarch Park, Quincy, Massachusetts 02269
- ** CSA International 8501 East Pleasant Valley Road, Cleveland, Ohio 44131-5575

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 with ground. Please also refer to Electrical Diagram on product.

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

GROUNDING INSTRUCTION: The appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. The appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded. WARNING: Improper grounding can result in a risk of electric shock. Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

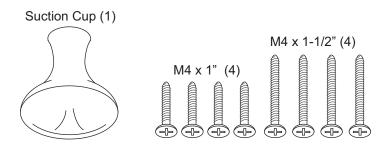
List of Materials

MODELS: MH80120AS

PARTS SUPPLIED

- 1 Power Pack
- 1 Aluminum mesh filter
- 2 Halogen light bulbs (pre-installed)
- 1 Single internal blower (pre-installed)
- 1 Hardware package

HARDWARE PACKAGE CONTENTS



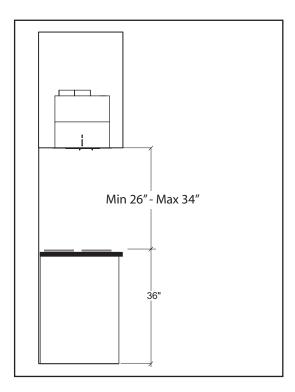
PARTS NOT SUPPLIED

- Ducting, conduit and all installation tools
- Cable connector (if required by local codes)
- Optional stainless steel liner (AK084xAS)
- Optional Recirculating Kit (ZRC-8400A)

Duct pieces Equivalent number length x used =			Total		
	3-1/4" x 10" Rect., straight	1 Ft.	х () =	Ft.
	6", 7", 8", 10" Round, straight	1 Ft.	х () =	Ft.
	3-1/4" x 10" Rect.90° elbow	15 Ft.	х () =	Ft.
	3-1/4" x 10" Rect. 45° elbow	9 Ft.	х () =	Ft.
	3-1/4" x 10" Rect.90° flat elbow	24 Ft.	x () =	Ft.
	7" to 6" or 8" to 7" Round tapered reducer	25 Ft.	х () =	Ft.
	6", 7", 8" Round in-line damper	15 Ft.	х () =	Ft.
	6", 7", 8", 10" Round, 90° elbow	15 Ft.	х () =	Ft.
	6", 7", 8", 10" Round, 45° elbow	9 Ft.	х () =	Ft.
Subtotal column 1 =					Ft.

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

Duct pieces		Equivale		nber	Total
	3-1/4" x 10" Rect. to 6" round transition	length x 5 Ft.	x () =	Ft.
	3-1/4" x 10" Rect. to 6" round transition 90° elbow	20 Ft.	x () =	Ft.
	6" round to 3-1/4" x 10" rect. transition	1 Ft.	х () =	Ft.
	6" round to 3-1/4" x 10" rect. transition 90° elbow	16 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.
	3-1/4" x 10" Rect. wall cap with damper	30 Ft.	х () =	Ft.
	6", 7", 8", 10" Round, wall cap with damper	30 Ft.	х () =	Ft.
	6", 7", 8", 10" Round roof cap	30 Ft.	x () =	Ft.
Subtotal column 2 =				Ft	
Subtotal column 1 =				Ft	
Total ductwork =				Ft	



Minimum mount height between range top to hood bottom should be no less than 26".

Maximum mount height should be no higher than 34".

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: 6" round minimum Horizontal Ducting: N/A

DUCTING

A minimum of 6" round or 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.

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.

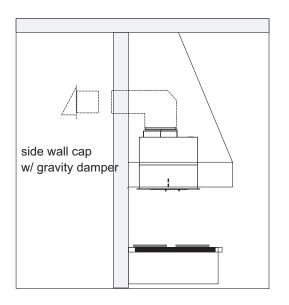
WARNING FIRE HAZARD

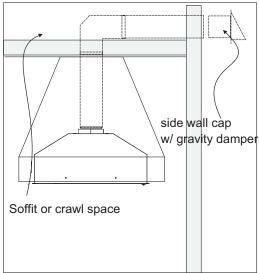
NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages. All exhaust must be ducted to the outside.

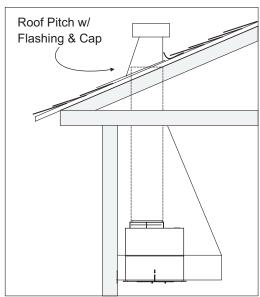
Use metal ductwork only.

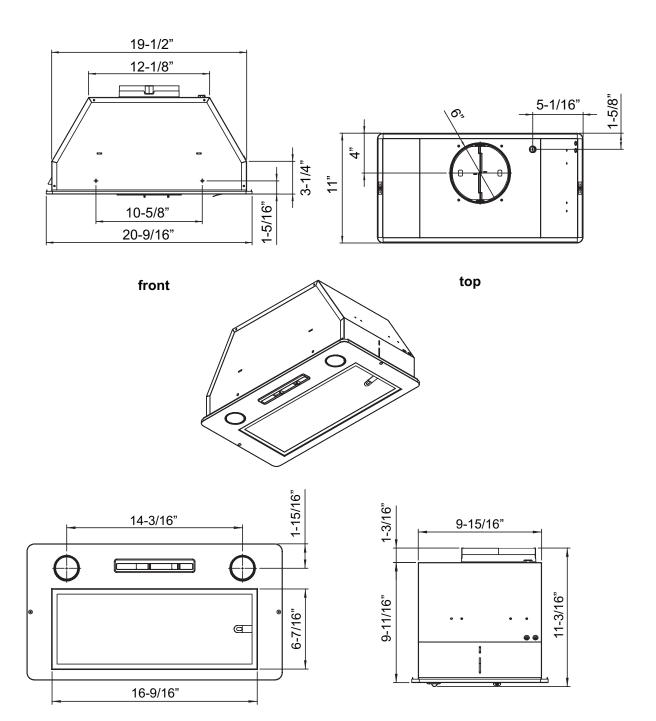
Fasten all connections with sheet metal screws and tape all joints with certified Silver Tape or Duct Tape.

Some Ducting Options









ELECTRICAL

WARNING

All Electrical work must be 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.

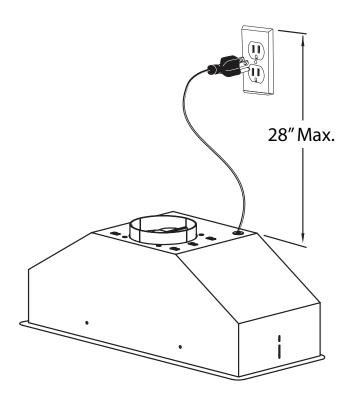
Electrical Supply:

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.

Grounding

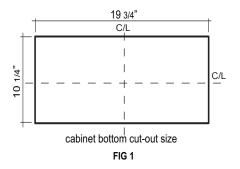
This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an excape wire for the electrical current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

Position the electrical outlet within the space covered by or above the decorative canopy housing as space permits and as to not interfere with the round duct. Make sure the outlet is no further than 28" from the top of the hood body.



CAUTION: At least two installers are required due to the weight and size of the hood.

- Install optional AK084xAS Stainless Steel Liner. Review manual included with liner for more details.
- 2. If no liner is used cut out an opening in the bottom of the cabinet by following the dimensions in **FIG 1**.
- Remove aluminum mesh filter.
- Lift Power Pack into opening and ensure locking clip has locked into position. (locking clip is located on left side of Power Pack. FIG 2
- 5. Fasten (2) M4 screws into the rear long side of Power Pack. If a liner is used the screws will go through the Power Pack mounting holes, then the liner and into the wood base. note: Wood blocking may need to be added to cabinet base if additional support is needed. see FIG 3 and FIG 4
- Remove 4 screws from Power Pack face plate. The face plate will drop down and hang by internal chains. Access to front long side of Power Pack is now available. Fasten (2) M4 screws into the front long side of Power Pack.
- 7. Re-install Power Pack face plate by (4) previously removed screws.
- 8. Install duct work and seal with duct tape.
- 9. Install electrical.
- Remove all packing materials before using Power Pack. Switch power on and check for leaks around duct tape.
- 11. Install aluminum mesh filter.



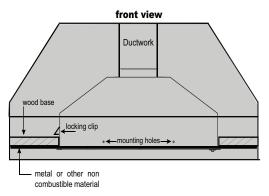


FIG 2

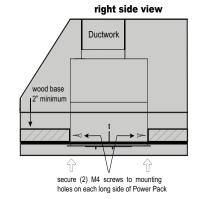


FIG 3

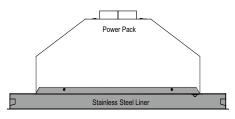
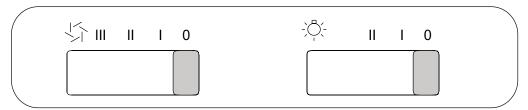


FIG 4

- 1 Blower On/Off Speed Selection
- 2 Lights Bright/Dim/Off



1 BLOWER ON/OFF/SPEED SELECTION

0 is off, I is low speed, II is medium speed and III is high speed.

2 LIGHTS BRIGHT/DIM/OFF

0 is off, I is dim, and II is bright.

SURFACE MAINTENANCE:

Do not use corrosive detergents, abrasive detergents or oven cleaners.

Do not use any product containing chlorine bleach or any product containing chloride.

Do not use steel wool or abrasive scrubbing pads which will scratch and damage surface.

Cleaning Stainless Steel

Clean periodically with warm soapy water and clean cotton cloth or micro fiber cloth. Always rub in the direction of the stainless steel grain. To remove heavier grease build up use a liquid degreaser detergent.

After cleaning use a non-abrasive stainless steel polish/cleaners, to polish and buff out the stainless luster and grain. Always scrub lightly, with clean cotton cloth or micro fiber cloth and buff in the direction of the stainless steel grain.

Aluminum Mesh Filters

The aluminum mesh filters installed by the factory are intended to filter out residue and grease from cooking. They need not be replaced on a regular basis but are required to be kept clean.

Remove and clean by hand or in dishwasher on low heat. Spray degreasing detergent and leave to soak if heavily soiled.

Dry filters and re-install before using hood.

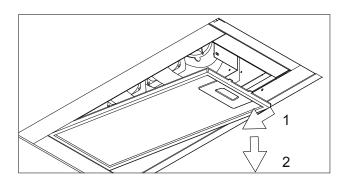
Removing Aluminum Mesh Filter

1. Push in filter latch.

2. Tilt filter down and remove from hood.

Hood Model: Part No. Qty. to Order

MH80120AS 50200054



DUCTLESS RECIRCULATING

Ductless recirculating is intended for applications where an exhaust duct work is not possible to be installed. When converted, the power pack functions in air "purifying" mode rather than exhausting the air. Fumes and exhaust from cooking is drawn and filtered by a charcoal filter. The air is then purified and recirculated back into the kitchen.

We recommend to always exhaust air outside of the home by employing existing or installing new duct work, if possible. The power pack is most effective and efficient as an exhaust unit. Only when the exhaust option is not possible should you use the power pack in recirculating mode.

When converted to recirculating mode, a charcoal filter is required to be installed on top of the standard metal mesh filter and a return air vent is needed to direct air back into the kitchen. The standard metal mesh filter is intended to capture residue from cooking and the optional charcoal filter helps to purify fumes exhausted from cooking in recirculating mode.

Purchase recirculating kit as follows,

Hood Model: Part No. Qty. to Order

MH80120AS ZRC-8400A 1

Charcoal filters must be replaced approximately every 3 months based off an average usage of 1 hour a day.

Order replacement charcoal filters as follows:

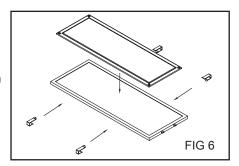
Hood Model: Part No. Qty. to Order

MH80120AS Z0F-C084 1

For detailed installation instructions please refer to manual included with recirculating kit.

Installing Charcoal Filter, FIG 6:

- 1. Place charcoal filter on top of back side of aluminum mesh filter
- 2. Secure charcoal filter by 4 C clips from ZRC-8400A recirculation kit, 2 C clips for each enlongated side of charcoal filter.



REPLACING LIGHT BULBS

CAUTION: Light bulb becomes extremely hot when turned on.

DO NOT touch bulb until switched off and cooled. Touching hot bulbs could cause serious burns.

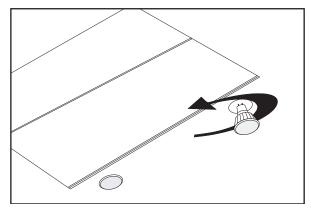
Make sure all power is turned off and bulbs are not hot.

Remove by turning bulb counter clockwise. **Note:** Bulb does not unscrew; it turns 60 degrees, stops and falls out.

If bulbs are difficult to turn due to prolonged use, firmly attach a glass suction cup approximately the diameter of the bulb or use a rubber/latex glove and turn counter clockwise.

Replacement bulbs are available at specialty lighting stores. Purchase type MR16 (GU-10) 35W halogen.

For part numbers please turn to page 16 of the manual.



Bottom View

TROUBLESHOOTING PROCEDURES

Issue	Cause	What to do
After installation, the unit doesn't	The power source is not turned ON.	Make sure the circuit breaker and the unit's power is ON.
work.	The power line and the cable locking connector is not connecting properly.	Check the power connection with the unit is connected properly.
	The switch board and control board wirings are disconnected.	Make sure the wirings between the switch board and control board are connected properly.
	On the switch board, Black/White wire or White wire is disconnected.	Make sure the Black/White wire or White wire connects properly.
	5. The switch board or control board is defective.	5. Change the switch board or control board.
Light works,	The blower is defective, possible seized.	Change the blower.
but motor is not turning.	The thermally protected system detects if the motor is too hot to operate and shuts the motor down.	The motor will function properly after the thermally protected system cool down.
	3. Damaged capacitor.	Change the capacitor.
The unit is	The blower is not secure in place.	Tighten the blower in place.
vibrating.	2. Damaged blower wheel.	2. Change the blower.
	3. The hood is not secured in place.	Check the installation of the hood.
The motor is	Defective halogen bulb.	Change the halogen bulb.
working, but the lights are not.	2. The light bulb is loose.	2. Tighten the light bulb.
The hood is not venting out	The hood might be hanging to high from the cook top.	Adjust the distance between the cook top and the bottom of the hood within 26" to 34" range.
properly.	The wind from the opened windows or opened doors in the surrounding area are affecting the ventilation of the hood.	Close all the windows and doors to eliminate the outside wind flow.
	Blocking in the duct opening or duct work.	Remove all the blocking from the duct work or duct opening.
	4. The direction of duct opening is against the wind.	4. Adjust the duct opening direction.
	5. Using the wrong size of ducting.	5. Change the ducting to at least 6" or higher.
Metal filter is	Metal filter is loose.	Change the metal filter.
vibrating.	2. Spring clip is broken.	2. Change the spring clip.

DESCRIPTION PART

Replacement Parts

Light Bulb MR16 (GU10) 35W (each)	Z0B-0023
Aluminum Mesh Filter (each)	50200054
Charcoal Filter (each)	Z0F-C084

Optional Accessories

Liner, 30" AK0840AS
Liner, 36" AK0846AS
Recirculating Kit ZRC-8400A
Light Bulb MR16 GU-10 LED (each) Z0B-0040

To order parts, call us at 1.888.750.1698

Limited Warranty

STAPLE YOUR RECEIPT HERE Proof of the original purchase date is needed to obtain service under warranty

TO OBTAIN SERVICE UNDER WARRANTY OR FOR ANY SERVICE RELATED QUESTIONS, please call: 1-888-750-1698

Venting Services (referred to herein as "we" or "us") warrants to the original consumer purchaser (referred to herein as "you" or "your") of range hoods (the "Products") that such Products will be free from defects in materials or workmanship as follows:

One Year Limited Warranty for Parts: For one year from the date of your original purchase of the Products, we will provide, free of charge, Products or parts to replace those that failed due to manufacturing defects. We may choose, in our sole discretion, to repair or replace parts before we elect to replace the Products.

One Year Limited Warranty for Labor: For one year from the date of your original purchase of the Products, we will provide, free of charge, the labor cost associated with repairing the Products or parts to replace those that failed due to manufacturing defects. After the first year from the date of your original purchase, you are responsible for all labor costs associated with this warranty.

Warranty Exclusions: This warranty covers only repair or replacement, at our option, of defective Products or parts and does not cover any other costs related to the Products including but not limited to: (a) normal maintenance and service required for the Products and consumable parts such as light bulbs, metal and carbon filters and fuses; (b) any Products or parts which have been subject to freight damage, misuse, negligence, accident, faulty installation or installation contrary to recommended installation instructions, improper maintenance or repair (other than by us); (c) commercial use of the Products or use otherwise inconsistent with its intended purpose; (d) natural wear of the finish of the Products or wear caused by improper maintenance, use of corrosive and abrasive cleaning products, pads, and oven cleaner products; (e) chips, dents or cracks caused by abuse or misuse of the Products; (f) service trips to your home to teach you how to use the Products; or (g) damage to the Products caused by accident, fire, floods or act of God. If you are outside our service area, additional charges may apply for shipping costs for warranty repair at our designated service locations and for the travel cost to have a service technician come to your home to repair, remove or reinstall the Products. After the first year from the date of your original purchase, you are also responsible for all labor costs associated with this warranty.

Limitations of Warranty. OUR OBLIGATION TO REPAIR OR REPLACE, AT OUR OPTION, SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY. WE SHALL NOT BE LIABLE FOR INCIDENTAL, CONSE-QUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE PRODUCTS. THE EXPRESS WARRANTIES IN THE PRECEDING SECTION ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. WE HEREBY DISCLAIM AND EXCLUDE ALL OTHER EXPRESS WARRAN-TIES FOR THE PRODUCTS, AND DISCLAIM AND EXCLUDE ALL WARRANTIES IMPLIED BY LAW, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states or provinces do not allow limitations on the duration of an implied warranty or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. To the extent that applicable law prohibits the exclusion of implied warranties, the duration of any applicable implied warranty is limited to the same one-year period described above. Any oral or written description of the Products is for the sole purpose of identifying the Products and shall not be construed as an express warranty. Prior to using, implementing or permitting use of the Products, you shall determine the suitability of the Products for the intended use, and you shall assume all risk and liability whatsoever in connection with such determination. We reserve the right to use functionally equivalent refurbished or reconditioned parts or Products as warranty replacements or as part of warranty service. This warranty is not transferable from the original purchaser and applies in the United States and Canada.

To Obtain Service Under Limited Warranty: To qualify for warranty service, you must: (a) notify us at the address or telephone number stated below within 60 days of the discovery of the defect; (b) give the model number and part identification number and serial number; and (c) describe the nature of any defect in the Product or part. At the time of the request for warranty service, you must present evidence of your proof of purchase and proof of the original purchase date. If we determine that the warranty exclusions listed above apply or if you fail to provide the necessary documentation to obtain service, you will be responsible for all shipping, travel, labor and other costs related to the services.

Venting Services PO Box 6188 Oakland, CA 94603 | 1-888-750-1698 | vsupport@ventingservices.com

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