

Use, Care, and Installation Guide

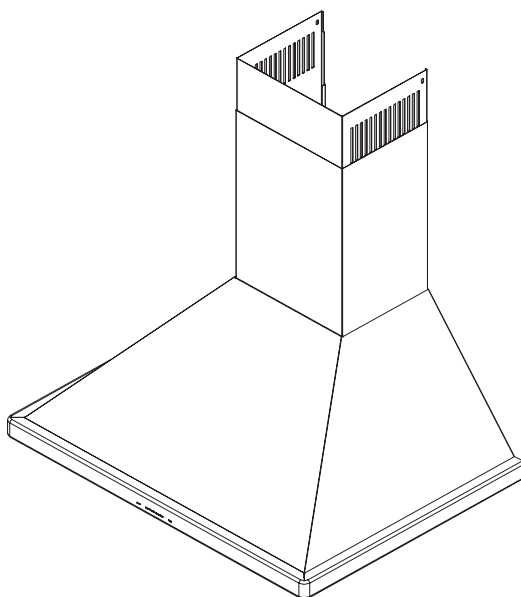
Siena

ZSI-E30AS

ZSI-E36AS

ZSI-E30AS-ES

ZSI-E36AS-ES



Model number: _____

Serial Number: _____

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ZSI-E30AS-ES

ZSI-E36AS-ES



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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.

OPERATION

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.

***NOTE: Please check www.zephyronline.com for revisions before doing any custom work.**

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.

ZSI-E30AS / ZSI-E36AS - 550 Watts, 5 Amps

ZSI-E30AS-ES / ZSI-E36AS-ES - 136 Watts, 1.2 Amps

Power consumption shown above is the default power specs. Hoods with Zephyr's proprietary Airflow Control Technology (ACT) enabled will consume less power. See wiring diagram at the end of this manual for more information.

List of Materials

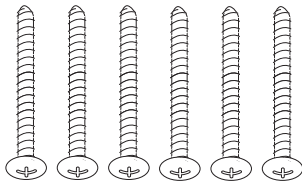
MODELS: ZSI-E30AS, ZSI-E36AS
ZSI-E30AS-ES, ZSI-E36AS-ES

PARTS SUPPLIED

- 1 - Hood with internal blower
- 2 - Baffle filters
- 1 - Duct cover assembly (*top and bottom*)
- 1 - Duct cover wall bracket
- 2 - 50W Halogen light bulbs (ZSI-E30AS & ZSI-E36AS)
- 2 - Fluorescent light bulbs (ZSI-E30AS-ES & ZSI-E36AS-ES)
- 1 - 8" round backdraft damper
- 1 - Hardware package

HARDWARE PACKAGE CONTENTS

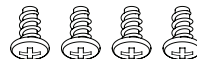
(6) M4 x 1-1/2"



(2) M4 x 8

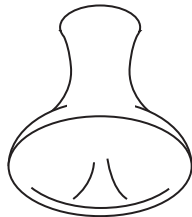


(4) M4 x 8



(1) Light Bulb Removal
Suction Cup

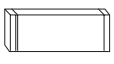
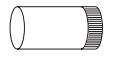
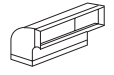
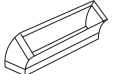
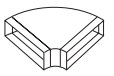
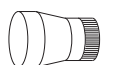
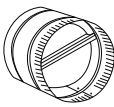


ZSI-E30AS & ZSI-E36AS ONLY



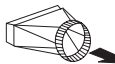
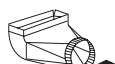
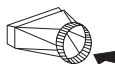
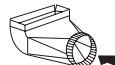
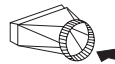
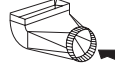
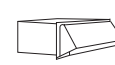
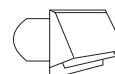

PARTS NOT SUPPLIED

- Ducting, conduit and all installation tools
- Cable connector (if required by local codes)
- Duct cover extension accessory
- Recirculating kit accessory (ZSI-E30AS & ZSI-E36AS)

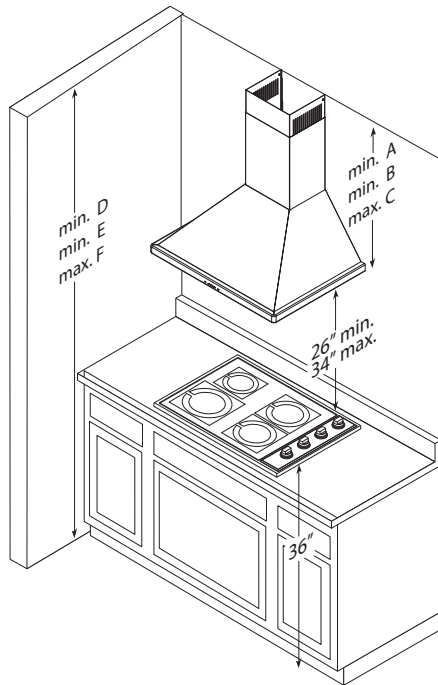
Installation – Ducting Calculation Sheet

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

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

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

Installation – Mounting Height & Clearance



| Hood Heights | Standard Duct Cover | Extension Duct Cover |
|---------------------------|---------------------|----------------------|
| minimum ducted (A) | 27-1/2" | 46-1/2" |
| minimum recirculating (B) | 32" | 50-1/2" |
| maximum (C) | 42" | 79" |
| Ceiling Heights | | |
| minimum ducted (D) | 89-1/2" (7' 5-1/2") | 108-1/2" (9' 1/2") |
| minimum recirculating (E) | 94" (7' 10") | 112-1/2" (9' 4-1/2") |
| maximum (F) | 112" (9' 4") | 149" (12' 5") |

DUCTING

A minimum of 8" round duct is recommended to maintain maximum air flow efficiency.

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

Use calculation worksheet on page 5 to compute total duct work.

ALWAYS, when possible, reduce the number of transitions and turns. If a long duct run is required, increase duct size from 8" to 10".

If turns or transitions are required: Install as far away from opening and as far apart, between 2, as possible.

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 to range manufacturer's height clearance requirements and recommended hood mounting height above range. Always check your local codes for any differences.

Duct cover extension kit available for ceiling heights up to 12 feet. Turn to page 17 for part number and ordering information.

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 or replacement must be made by arrangement between customer and installer.

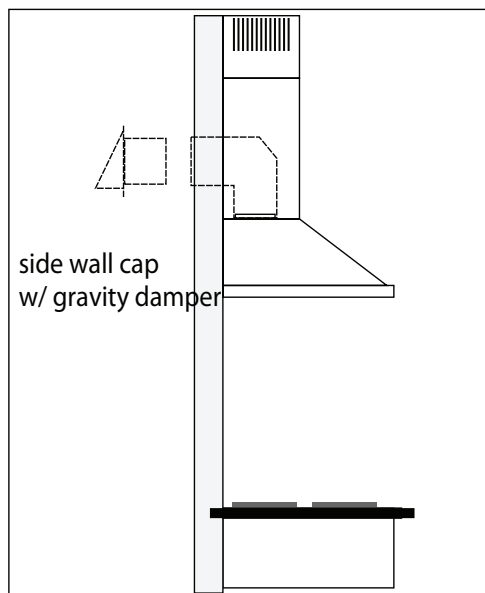
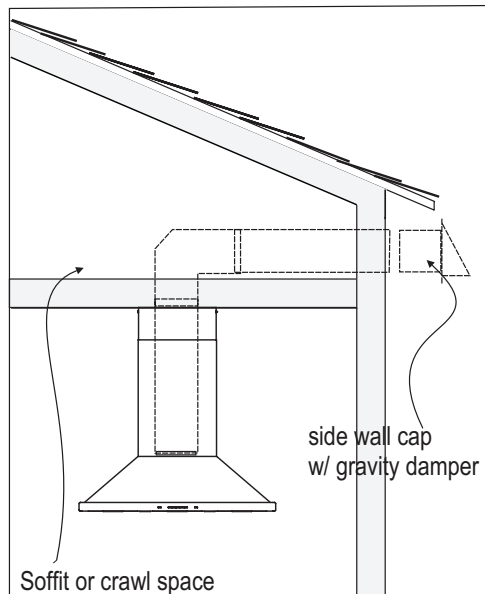
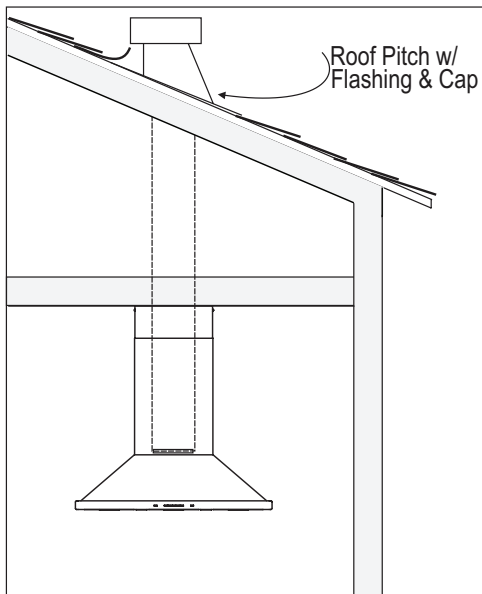
WARNING FIRE HAZARD

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, unless using the recirculating option.

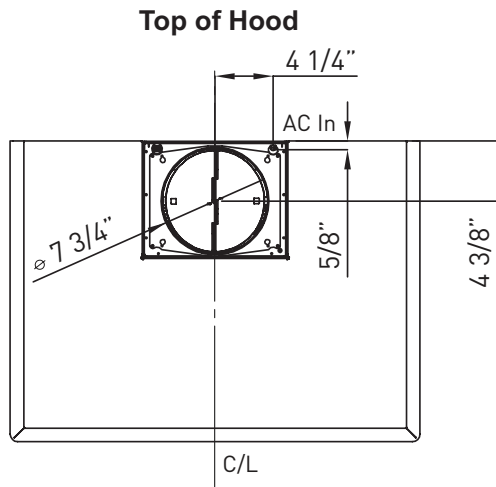
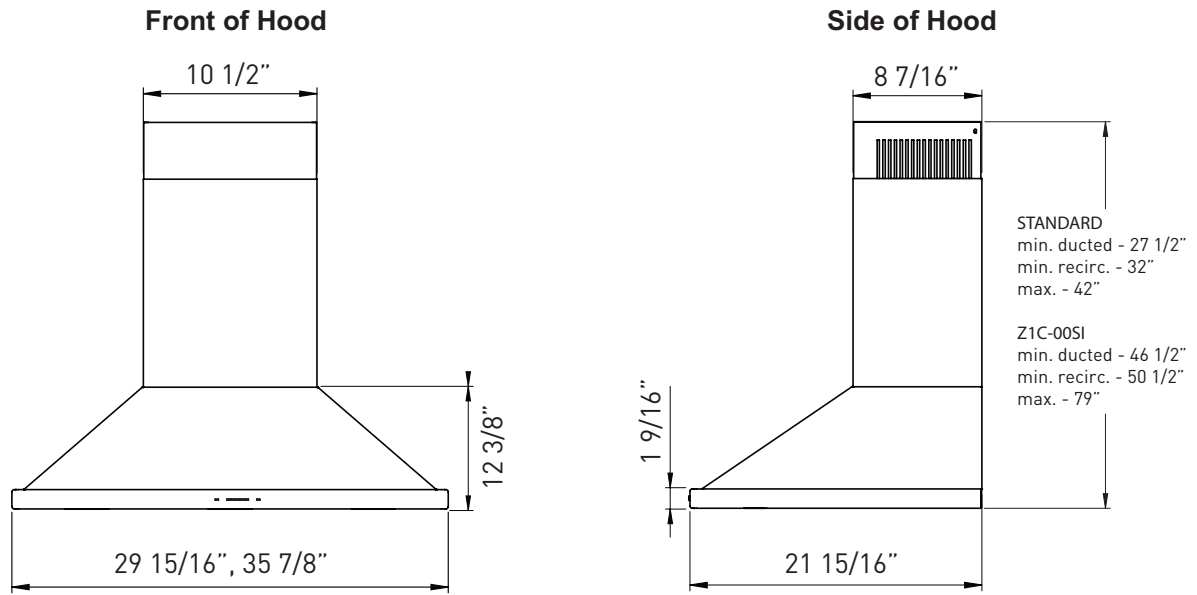
Use single wall rigid Metal ductwork only.

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

Some Ducting Options



Installation – Hood Specifications



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

1. Measure from range top to hood bottom and mark line A. (26" minimum from range top).
2. Plum and mark center line.
3. Mark mounting height line B. (1-5/16" from line A)
4. Mark mounting height line C. (13-1/8" from line A)
5. Mark mounting spread from C/L on line B 12-3/4"
6. Mark mounting spread from C/L on line C 9-7/16"
7. Fasten (2) M4 x 1-1/2" screws into studs on line C. Do not fasten screws all the way. **Note: wood blocking may need to be added behind the drywall if no studs are present. Wall anchors may also be used but check local codes for compliance. Failure to use suitable wall anchors and screws to hold the weight of the hood could result in personal injury or damage to cooking surface or counter.**
8. Install 8" round duct collar with backdraft damper to top of body of hood by (4) M4x8 flat screws.
9. Hang hood onto screws and hand tighten. (FIG. A #1) Use (2) M4 x 1-1/2" screws to further secure the hood to the wall from inside the hood on line B.
10. Center and attach duct cover bracket to wall below ceiling or soffit using (2) M4 x 1-1/2" screws.
11. Position electrical outlet within the space covered by the telescopic duct covers and where it will not interfere with the round duct. (FIG. B)
12. *Install duct work and duct tape.
13. Power up hood and check for leaks around duct tape.
14. Place telescopic duct covers onto hood and extend inner (top) duct cover upwards and secure to duct cover bracket using (2) M4x8 screws.

The ducting from this fan to the outside of the building has a strong effect on the air flow, noise and energy use of the fan. Use the shortest, straightest duct routing possible for best performance, and avoid installing the fan with smaller ducts than recommended. Insulation around the ducts can reduce energy loss and inhibit mold growth. Fans installed with existing ducts may not achieve their rated air flow.

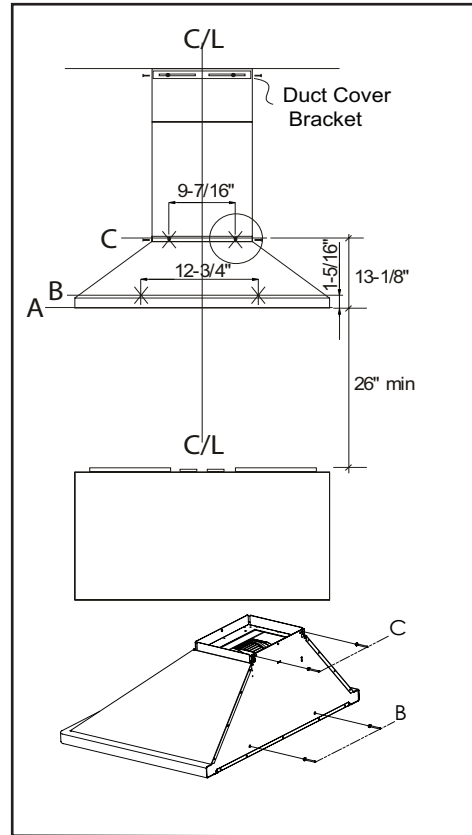


FIG. A

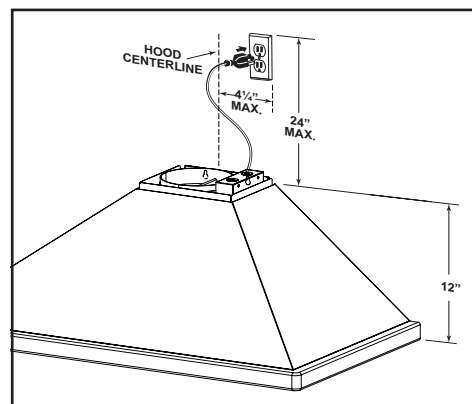


FIG. B

⚠ WARNING: Electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards. This range hood must be properly grounded. Turn off electrical power at service entrance before wiring.

FOR MODELS ZSI-E30AS and ZSI-E36AS ONLY

Ductless recirculating is intended for applications where an exhaust duct work is not possible to be installed. When converted, the hood functions as a recirculating hood rather than an exhaust hood. Fumes and exhaust from cooking are drawn and filtered by a set of optional charcoal filters. The air is then purified and re-circulated back within the home.

We recommend to ALWAYS exhaust air outside of the home by employing existing or installing new duct work, if possible. The hood is most effective and efficient as an exhaust hood. Only when the exhaust option is not possible should you recourse to converting the hood into a recirculating hood.

When converted to be a recirculating hood, a set of charcoal filters are required on top of its standard Baffle Filter set. Order according to its Part number below. The standard Baffle Filters are intended to capture residue from cooking and the optional charcoal filters help to purify fumes exhausted from cooking for re-circulation.

RECIRCULATING KIT (REQUIRED IF NO DUCTING IS USED)

Kit includes charcoal filters, charcoal filter brackets and air diverter plate.

| Hood Model | Part No. | Filters in Pkg. |
|------------|----------|-----------------|
| ZSI-E30AS | ZRC-00SI | 2 |
| ZSI-E36AS | ZRC-00SI | 2 |

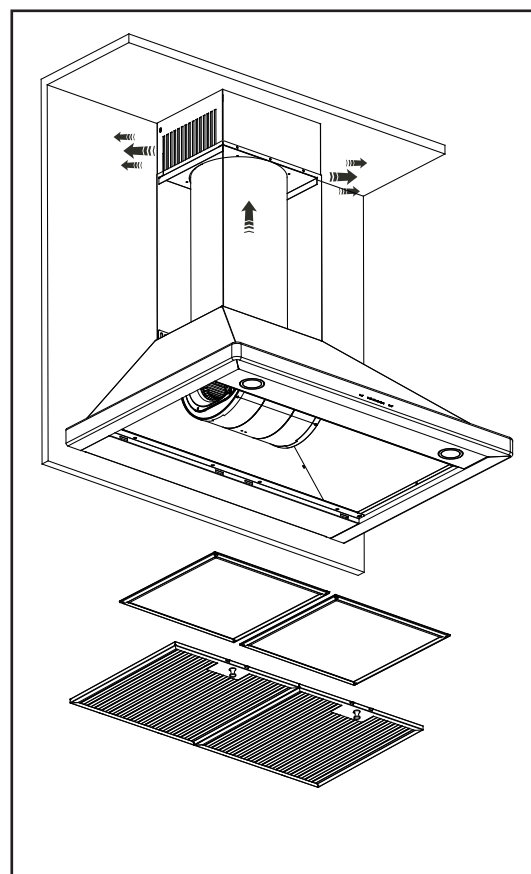
1. Secure air diverter plate to wall below duct cover wall bracket.
2. Remove baffle filters from hood. Place charcoal filter over the back side of baffle filter.
3. Secure charcoal filters to back side of baffle filters by four clips for each filter.
4. Re-install baffle filters.
5. Turn on charcoal filter change indicator on control panel.
(refer to details on page 12.) The microprocessor in the controls will indicate the need to change the charcoal filters after 120 hours of continuous use. Order replacement charcoal filters per the list below.

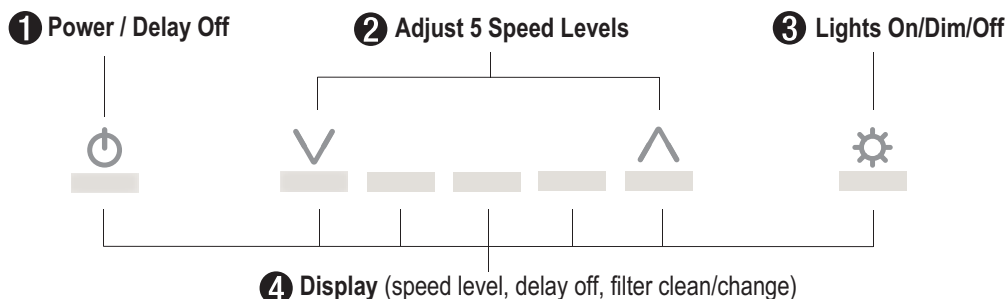
NOTE: See manual included with recirculating kit for more detailed instructions.

Charcoal Filter Replacements

| Hood Model | Part No. | Qty to Order |
|------------|----------|--------------|
| ZSI-E30AS | Z0F-C091 | 2 |
| ZSI-E36AS | Z0F-C091 | 2 |




DO NOT WASH CHARCOAL FILTERS. Charcoal filters may need to be changed more often depending on cooking habits.









1 POWER / DELAY OFF BUTTON


Power Button Function

-  Button will turn power on and off for entire hood (fan and lights).
- Hood will remember the last speed and light level it was turned off at.
(Example: Press  Button to turn off hood when on fan speed 4 and high lights. Press  Button again and the hood will turn back on at speed 4 and high lights level.)

Delay Off Button Function

- With the fan on press and hold the  Button for two seconds. The fan will change to speed 1 and the 5 minute delay off timer will start.
 +  LEDs will illuminate and slowly blink in accordance with the time remaining until the fan and lights automatically turn off.
- Pressing  Button while Delay Off Function is enabled will turn the hood off and cancel the Delay Off Function.

ACT Verification

- Airflow Control Technology (ACT) allows the installer to set the maximum fan CFM to align with local codes and regulations.
 - To verify the maximum fan CFM:
 - With hood off, hold the  Button for two seconds. If all five fan speed indicators illuminate = default maximum CFM. If four fan speed indicators illuminate = 390 maximum CFM. If 3 fan speed indicators illuminate = 290 maximum CFM.

2 SPEED SELECTION BUTTON

Fan Speed Decrease Button

- Press this button to decrease fan speed. 5, 4, 3, 2, 1.
- If fan is On Speed 1 and this button is pressed, fan will power Off.

Fan Speed Increase Button

- Press this button to increase fan speed. Fan On, 1, 2, 3, 4, 5.
- If hood is Off and this button is pressed, fan will turn On Speed 1.

Act Enabled Speed Selections



- When ACT is enabled, the number of fan speeds will be reduced as follows:
 - 390 CFM = Maximum 4 speeds
 - 290 CFM = Maximum 3 speeds

3 LIGHTS BUTTON







- Lights are two levels, High and Low.
- From off, press one time for High. Press again for Low. Press again to power lights off.

4 DISPLAY INDICATORS

Mesh Filter Clean Reminder *(always enabled)*

- After 30 hours of fan usage, the  button indicator will begin to slowly blink indicating it is time to clean the mesh filters.
- **To reset:** With hood off: hold the  button for three seconds. All LED indicators will blink two times confirming the 30 hour timer has been reset.

Charcoal Filter Replace Indicator *(disabled by default, must be enabled if recirculating hood)*

- To enable Charcoal Filter Replacement Reminder:
 - With hood off, hold  button and  button simultaneously for two seconds. All LED indicators will illuminate for three seconds confirming the Charcoal Filter Replace Reminder is enabled.
- To disable Charcoal Filter Replacement Reminder:
 - With hood off, hold  button and  button simultaneously for two seconds. All LED indicators will blink two times confirming the Charcoal Filter Replace Reminder is disabled.
- After 120 hours of fan usage the  button will slowly blink indicating the charcoal filters need replacement.
- **To reset:** With hood off, hold the  button for two seconds. All LED indicators will blink two times confirming the 120 hour timer has been reset.

SURFACE MAINTENANCE:

Clean the hood surface periodically with hot soapy water and clean cotton cloth. Do not use corrosive or abrasive detergent, or steel wool/scouring pads which will scratch and damage surface.

For heavier soil use liquid degreaser.

After cleaning it is recommended that you use non-abrasive stainless steel polish/cleaners, to polish and buff out the stainless luster and grain. Always scrub lightly, with clean cotton cloth, and with the grain.

Do not use any product containing chlorine bleach. Do not use “orange” cleaners.

Baffle Filters

The baffle 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.

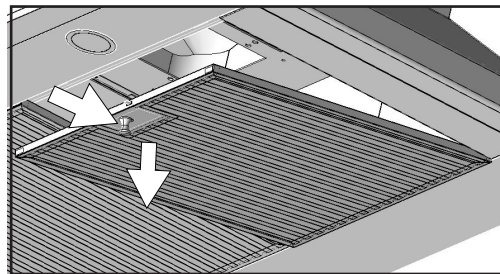
Remove and clean by hand or in dishwasher on low heat. Spray degreasing detergent and leave to soak if heavily soiled.

Dry filters and re-install before using hood.

Removing Baffle Filters

1. Push in on spring loaded handle
2. Pull down on filter handle to remove filter

Should filters wear out due to age and prolonged use, replace with following part number:



| Hood Model: | Part No. | Qty. to Order. |
|-------------|----------|----------------|
| ZSI | 50200050 | 2 |

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.

ZSI-E30AS-ES & ZSI-E36AS-ES: Access light bulb by removing light bulb lens cover by 1 screw. FIG. B

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

Replacement bulbs are available from Zephyr or specialty lighting stores. See page 17 for ordering information.

ZSI-E30AS & ZSI-E36AS: Purchase type: 50W Halogen, GU-10

ZSI-E30AS-ES & ZSI-E36AS-ES: Purchase type: 13w Fluorescent GU-24, STS T3 13GUS

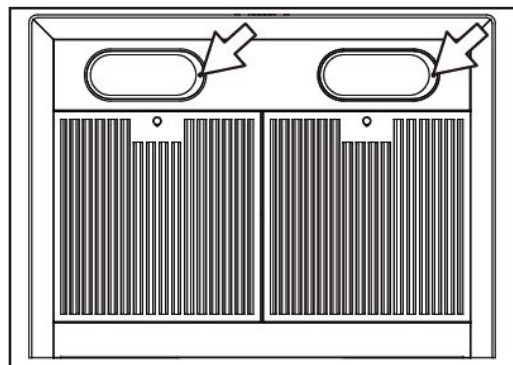
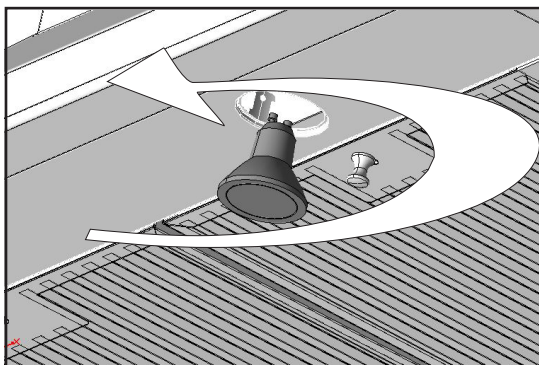


FIG. B

TROUBLESHOOTING PROCEDURES FOR SIENA WALL

| Issue | Cause | What to do |
|--|--|--|
| After installation, the unit doesn't work. | 1. The power source is not turned ON. | 1. Make sure the circuit breaker and the unit's power is ON. |
| | 2. The power line and the cable locking connector is not connecting properly. | 2. Check the power connection with the unit is connected properly. |
| | 3. The wires on the control board are loose. | 3. Make sure the wires on the control board are connected properly. |
| | 4. The switch board and control board wirings are disconnected. | 4. Make sure the wirings between the switch board and control board are connected properly. |
| | 5. The switch board or control board is defective. | 5. Change the switch board or control board. |
| Light works, but blower is not turning. | 1. The blower cable is disconnected. | 1. Check all wirings from the blower to be sure all cables are connected properly. |
| | 2. The blower is defective, possibly seized. | 2. Change the blower. |
| | 3. The thermally protected system detects if the blower is too hot to operate and shuts the blower down. | 3. The blower will function properly after the thermally protected system cool down. |
| | 4. The switch board or control board is defective. | 4. Change defective part. |
| The unit is vibrating. | 1. The motor is not secure in place. | 1. Tighten the motor in place. |
| | 2. Damaged blower wheel. | 2. Replace the blower. |
| | 3. The hood is not secured in place. | 3. Check the installation of the hood. |
| The unit is whistling. | 1. The filter is not in the correct position. | 1. Adjust the filters until the whistling stops. |
| | 2. The duct pipe connections are not sealed or connected properly. | 2. Check the duct pipe connections to be sure all connections are sealed properly. |
| The blower is working, but the lights are not. | 1. Defective bulb. | 1. Change the bulb. |
| | 2. The bulb wire is loose. | 2. Check bulb wire connections at the control board and the light bulbs. Reconnect any loose wires. |
| The unit turns on by itself. | 1. A spot light or kitchen lamp is shining directly onto the switch controls. | 1. The switch controls are light sensitive. A direct light source onto the switch controls may disrupt switch functions. |
| The speed levels of the blower sound the same. | 1. Using the wrong size of ducting. | 1. Change the ducting to at least 8" or higher. |
| The hood is not venting out properly. | 1. The hood might be hanging too high from the cook top. | 1. Adjust the distance between the cook top and the bottom of the hood within 26" and 34" range. |
| | 2. The wind from the opened windows or opened doors in the surrounding area are affecting the ventilation of the hood. | 2. Close all the windows and doors to eliminate the outside wind flow. |
| | 3. Blockage in the duct opening or ductwork. | 3. 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 8" or higher. |
| Mesh Filter is vibrating. | 1. Mesh filter is loose. | 1. Make sure the metal clips in the handle are not stuck. Or replace the mesh filter. |
| | 2. Filter spring clip is loose or broken. | 2. Uninstall and reinstall filter, push up on filter latch. Replace mesh filter if needed. |

| | | | |
|--------------|-------|----|----------|
| ZSI-E30AS-ES | VOLTS | HZ | MAX AMPS |
| ZSI-E36AS-ES | 120 | 60 | 1.2 |

CIRCUIT DIAGRAM

The diagram illustrates a three-phase motor control circuit. It features a three-phase AC input (Yellow, White, Red) connected to a circuit breaker (IC) and a fuse. The circuit includes a main switch (L), a transformer, and two motors (MOTOR1 and MOTOR2). A thermal relay (TRANS) is connected to the motor windings. A fuse is connected to the motor windings. A three-phase AC input (Yellow, White, Red) is connected to a circuit breaker (IC) and a fuse. The circuit includes a main switch (L), a transformer, and two motors (MOTOR1 and MOTOR2). A thermal relay (TRANS) is connected to the motor windings. A fuse is connected to the motor windings.

ACT 290 CFM - Fan Max. 365W @ 3.0A

| | | | |
|----------------------|-------|----|----------|
| ZSI-E30AS, ZSI-E36AS | VOLTS | HZ | MAX AMPS |
| | 120 | 60 | 5 |

ACT 290 CFM - Fan Max. 82W @ 0.74A

ZSI-E30AS & ZSI-E36AS

| DESCRIPTION | PART# |
|------------------------------------|--------------|
| Replacement Parts | |
| Baffle Filter (each) | 50200050 |
| Halogen 50W Light bulb (each) | Z0B-0020 |
| Optional Accessories | |
| Recirculating Kit | ZRC-00SI |
| Replacement Charcoal Filter (each) | Z0F-C091 |
| Duct Cover Extension Kit | Z1C-00SI |
| Universal Make-Up Air Damper | MUA008A |

ZSI-E30AS-ES & ZSI-E36AS-ES

| DESCRIPTION | PART# |
|-------------------------------------|--------------|
| Replacement Parts | |
| Baffle Filter (each) | 50200050 |
| Fluorescent Bulb, GU-24, 13W (each) | Z0B-0036 |
| Optional Accessories | |
| Duct Cover Extension Kit | Z1C-00SI |

To order parts, visit us online at <http://store.zephyronline.com> or call us at 1.888.880.8368

Warranty

ZEPHYR

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:
1-888-880-8368

Zephyr Ventilation, LLC (referred to herein as "we" or "us") warrants to the original consumer purchaser (referred to herein as "you" or "your") of Zephyr products (the "Products") that such Products will be free from defects in materials or workmanship as follows:

Three Year Limited Warranty for Parts: For three years from the date of your original purchase of the Products, we will provide, free of charge, Products or parts (including LED light bulbs, if applicable) 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 fluorescent, incandescent or halogen light bulbs, mesh and charcoal 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; (g) damage to the Products caused by accident, fire, floods, acts of God; or (h) Custom installations or alterations that impact serviceability of the Products. 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, CONSEQUENTIAL 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 WARRANTIES 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 two-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.

Please check our website for any revisions, www.zephyronline.com.

Zephyr Ventilation Service Department, 2277 Harbor Bay Parkway, Alameda, CA 94502 1-888-880-8368

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PRODUCT REGISTRATION

Congratulations on your Zephyr range hood purchase! Please take a moment to register your new range hood at **www.zephyronline.com/registration**

IT'S IMPORTANT

Prompt registration helps in more ways than one.

- Ensures warranty coverage should you need service.
- Ownership verification for insurance purposes.
- Notification of product changes or recalls.



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