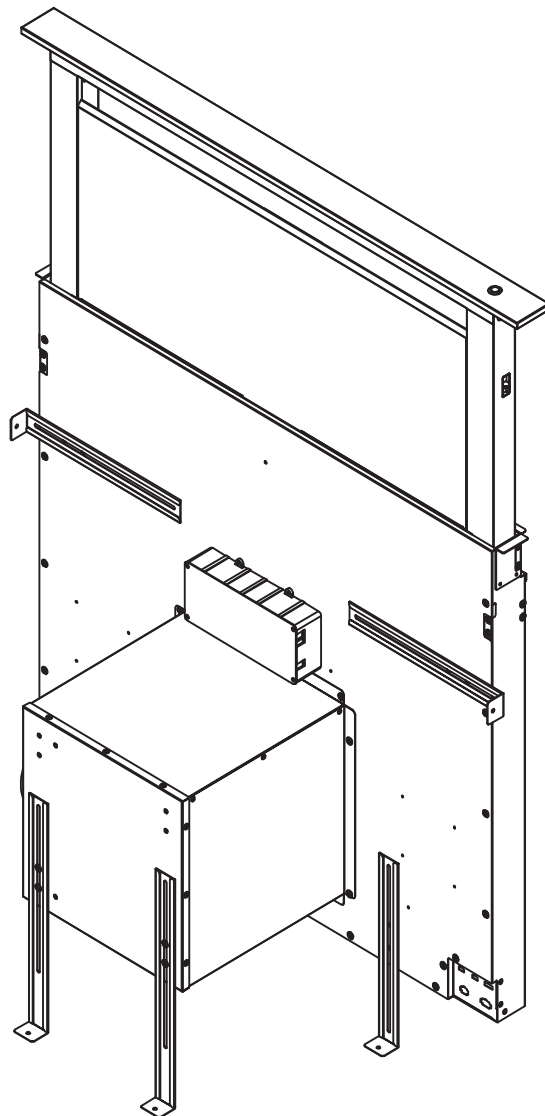


Treviso

ZTV-E30AS, ZTV-E36AS

EN Use, Care, and Installation Guide

FR Guide d'utilisation, d'entretien et d'installation



ACT[™]
Airflow Control Technology

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Safety Information

READ AND SAVE THESE INSTRUCTIONS

Your safety and the safety of others are very important. We have provided many important safety messages in this manual for your appliance. Always read and obey all safety messages.



This is the Safety Alert Symbol. This symbol alerts you to potential hazards that can cause severe bodily injury or death. All safety messages will follow the Safety Alert Symbol and either the words “**DANGER**” “**WARNING**” or “**CAUTION**”

DANGER

Danger means that failure to heed this safety statement may result in severe injury or death.

WARNING

Warning means that failure to heed this safety statement may result in extensive product damage, serious personal injury, or death.

CAUTION

Caution means that failure to heed this safety statement may result in minor or moderate personal injury, property or equipment damage.

General Safety

WARNING

To reduce the risk of fire or electric shock, do not use this fan with any solid-state control device.

WARNING

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 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.

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

WARNING - TO REDUCE THE RISK OF A 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 flambeing food. (i.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambe’).
- 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.

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.

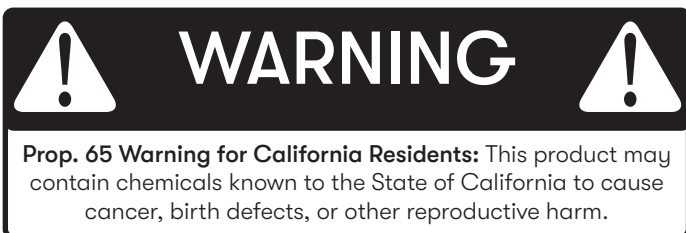
READ AND SAVE THESE INSTRUCTIONS



WARNING - TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING^o:

- 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

^oBased on “Kitchen Firesafety Tips” published by NFPA.



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 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.
- c) When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- d) Ducted fans must always be vented to the outdoors.
- e) If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit.

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.
- ▶ There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels.
- ▶ There is a fire risk if cleaning is not carried out in accordance with the instructions.
- ▶ Do not flame under the range hood.
- ▶ The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels.
- ▶ If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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

Safety Information

READ AND SAVE THESE INSTRUCTIONS

Electrical Requirements

Important:

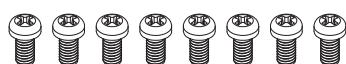
- ▶ Observe all governing codes and ordinances.
- ▶ It is the customer's responsibility to be aware of these below:
- ▶ To contact a qualified electrical installer.
- ▶ To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 latest edition* 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.
- ▶ 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.
- ▶ Instructions for bonding the appliance to ground:
The grounding-type attachment plug provided with this appliance shall be connected to a grounding-type receptacle installed in accordance with CSA C22.1, Canadian Electrical Code, Part I. In the event of an electrical short circuit, bonding to ground reduces the risk of electric shock.
WARNING: Improper bonding to ground 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 bonded to ground. Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.
- ▶ A cable locking connector (not supplied) might also be required by local codes. Check with local requirements, purchase and install appropriate connector if necessary.

* National Fire Protection Association Batterymarch Park, Quincy, Massachusetts 02269

** CSA International 8501 East Pleasant Valley Road, Cleveland, Ohio 44131-5575

Parts Supplied

| Quantity | Part |
|----------|-------------------|
| 1 | Treviso downdraft |
| 2 | Grease filters |
| 1 | Hardware package |



(8) M4 x 8

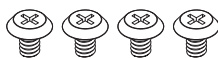


(1) 3/16 x 1", ACT™ Screw

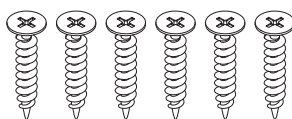
BLOWER CFM - 390

Refer to owner's manual for how to verify CFM.

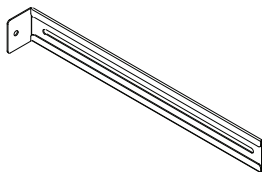
(1) CFM Sticker



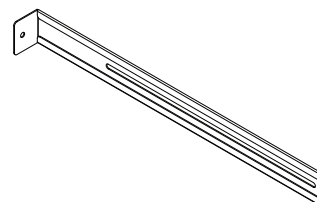
(4) 3/16 x 1/4"



(6) #6 x 1"



(4) 11-1/8" Short Leveling Brackets (A)



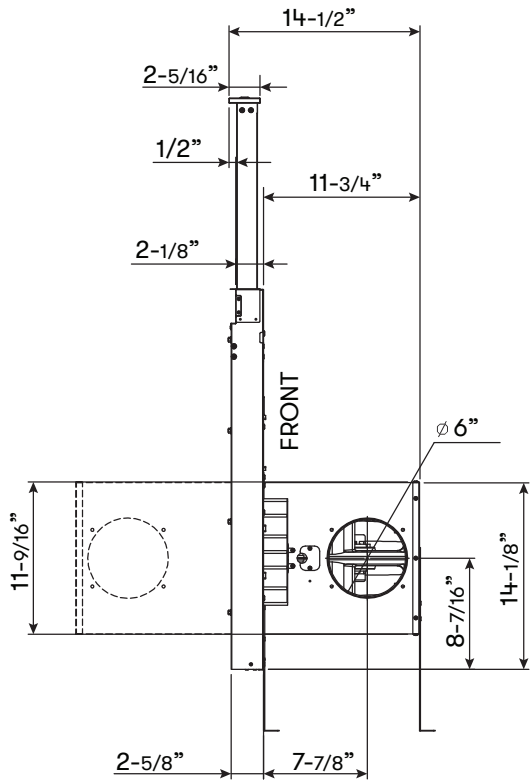
(2) 13-7/8" Long Leveling Brackets (B)

Parts Not Supplied

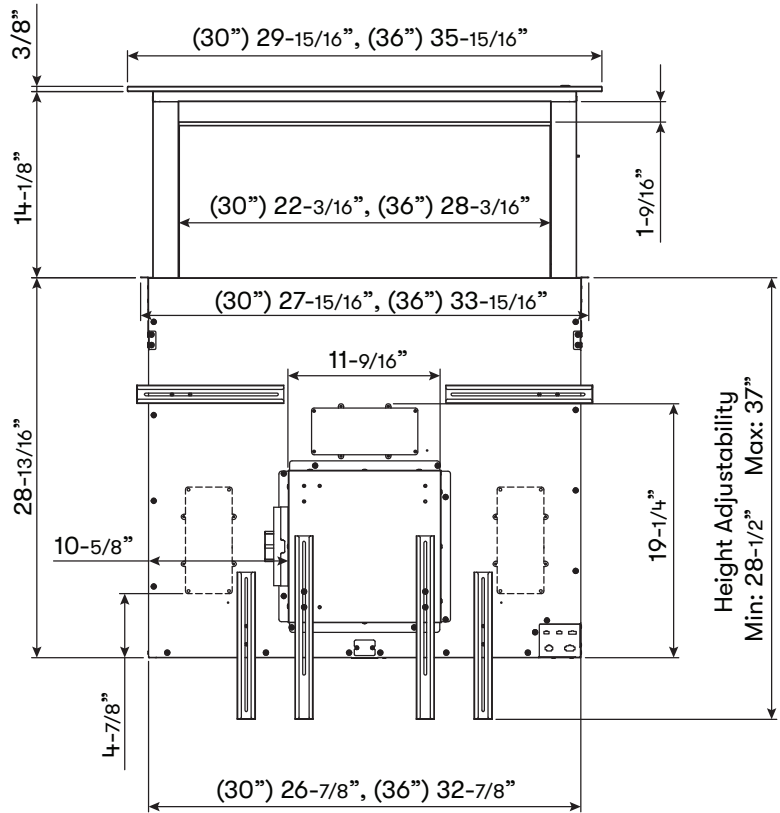
| |
|---|
| Ducting, conduit and all installation tools |
| Optional wired remote switch (DDA-0003) |
| Optional recirculating kit (ZRC-00TV) |
| Range trim kit, 30" (DDT-0130) |
| Range trim kit, 36" (DDT-0136) |
| Make-up air kit, 6" (MUA006A) |

Installation Instructions

Hood Specifications

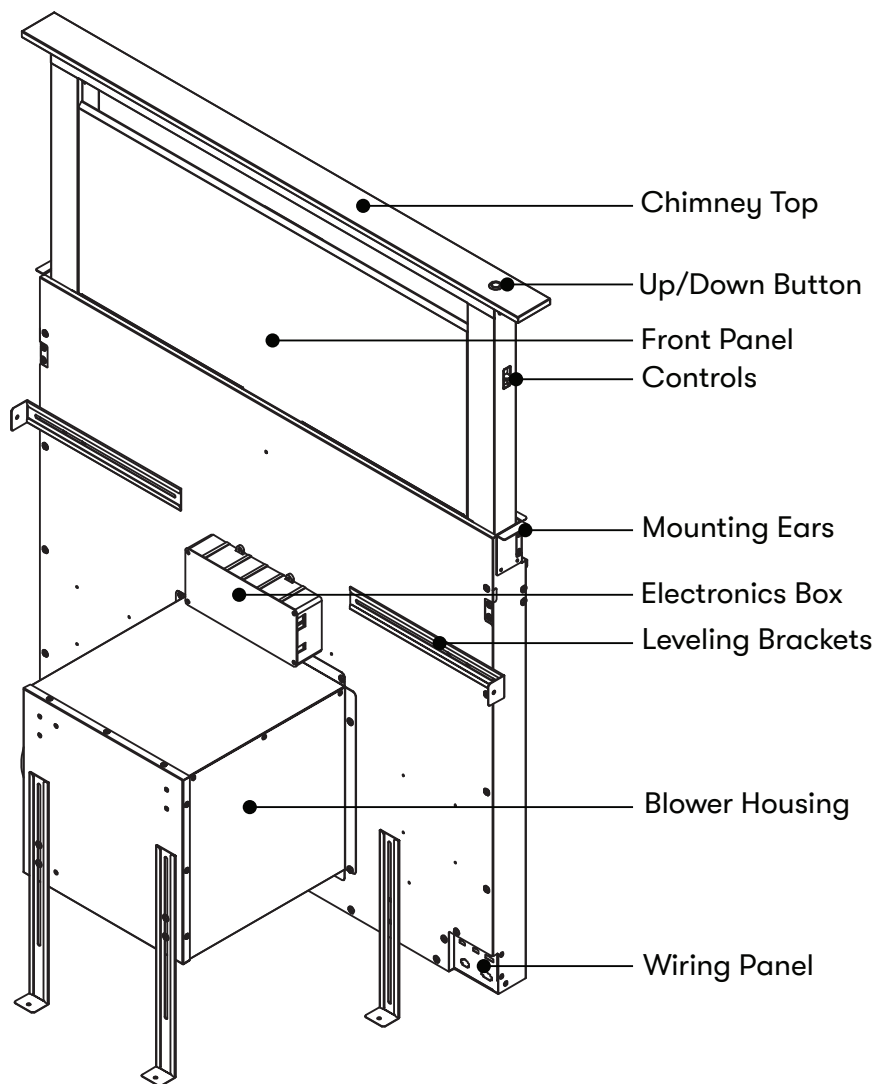


SIDE VIEW



FRONT VIEW

Parts Identification



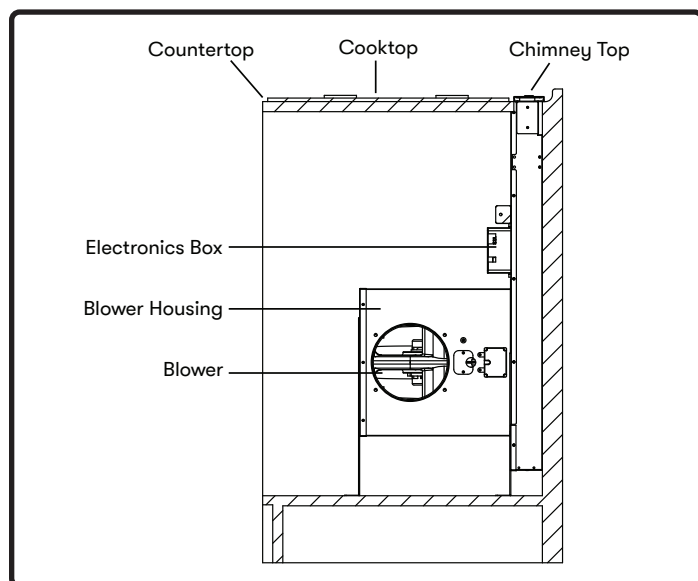
Installation Instructions

Planning

This downdraft blower system is designed to be used to exhaust airborne contaminants when cooking with a variety of gas or electric cooktops. It can be mounted in island, peninsula, or conventional wall locations. This unit can be easily installed following these basic steps:

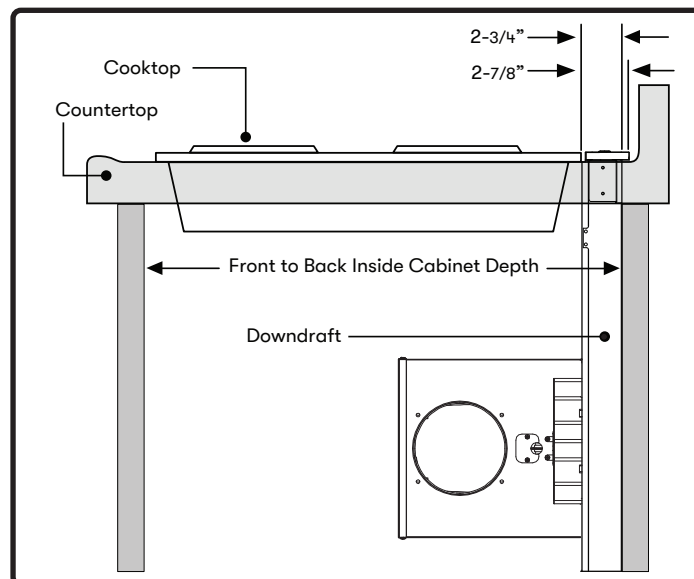
- ▶ Cut out the countertop opening.
- ▶ Mount the unit in the cabinet.
- ▶ Connect the ductwork and electrical.
- ▶ Install the cooktop.

NOTE: The high level of air flow of this appliance may affect the gas flame on some types of gas cooktops. This is NORMAL and will cause no harm, but can be corrected by lowering the speed of the blower.



NOTE: The electronics box can be relocated to the left or right side of the blower housing.

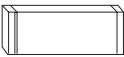

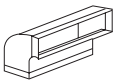
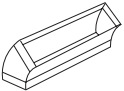
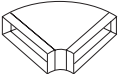
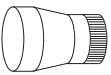
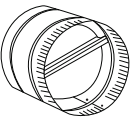
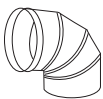

Taking Measurements



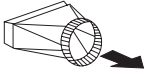
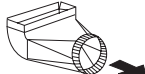
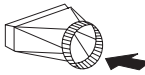
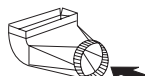
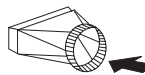
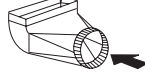
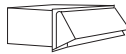
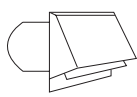

Refer to the cooktop installation instructions for dimensions of cooktops, countertop cut-out, and cabinet requirements. The ZTV-E30AS model will fit in most 30" wide cabinets, and the ZTV-E36AS model will fit in most 36" wide cabinets. However, it is recommended that oversized cabinets be used for easier installation. Custom island designs need to account for deeper cabinets, especially when installed with a range in front of the downdraft or when mounting the blower behind the downdraft. You must also plan for an access door.

Cooktop depth can vary greatly from one to another. This may cause the fit of these two appliances to be rather tight. Pay special attention to the areas of potential interference highlighted above. A countertop with a raised lip (A) and/or a backsplash (B) may not allow enough flat countertop for a proper installation. Note that 2-7/8" of flat countertop is required behind the cooktop and that 2-3/4" is necessary between the back edge of the cooktop and inside of the cabinet back.

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° flatelbow | 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 150 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 Instructions

Ducting Options

A minimum of 6" round duct is recommended to maintain maximum air flow efficiency. The blower housing is mounted on the front of the downdraft body by default, but it can also be mounted to the back. The blower housing can be rotated to duct air out the left, right, or bottom. **If the blower housing is mounted to the back, please ensure there is at least 12" of cabinet space behind the downdraft to accommodate blower housing.**

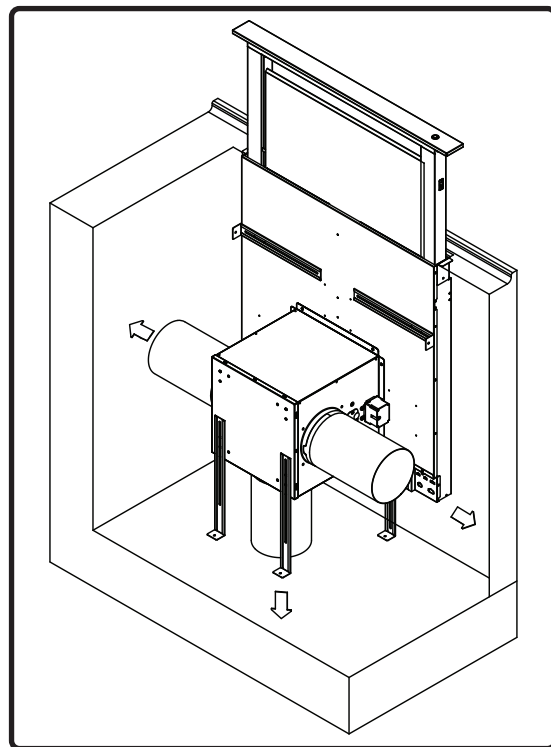
For best performance, choose the ducting option which allows the shortest length of ductwork and a minimum number of elbows and transitions. Check location of floor joists, wall studs, electrical wiring, or plumbing for possible interference. ALWAYS, when possible, reduce the number or transitions and 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.


Always use single wall rigid type metal ducts only. Flexible ducts could restrict air flow by up to 50%. Fasten all connections with sheet metal screws and tape all joints with certified Silver Tape or Duct Tape.

Also use the ducting calculation sheet (on page 11) to compute total available duct run when using elbows, transitions and caps.


For shipment and installation damages:

- ▶ 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.



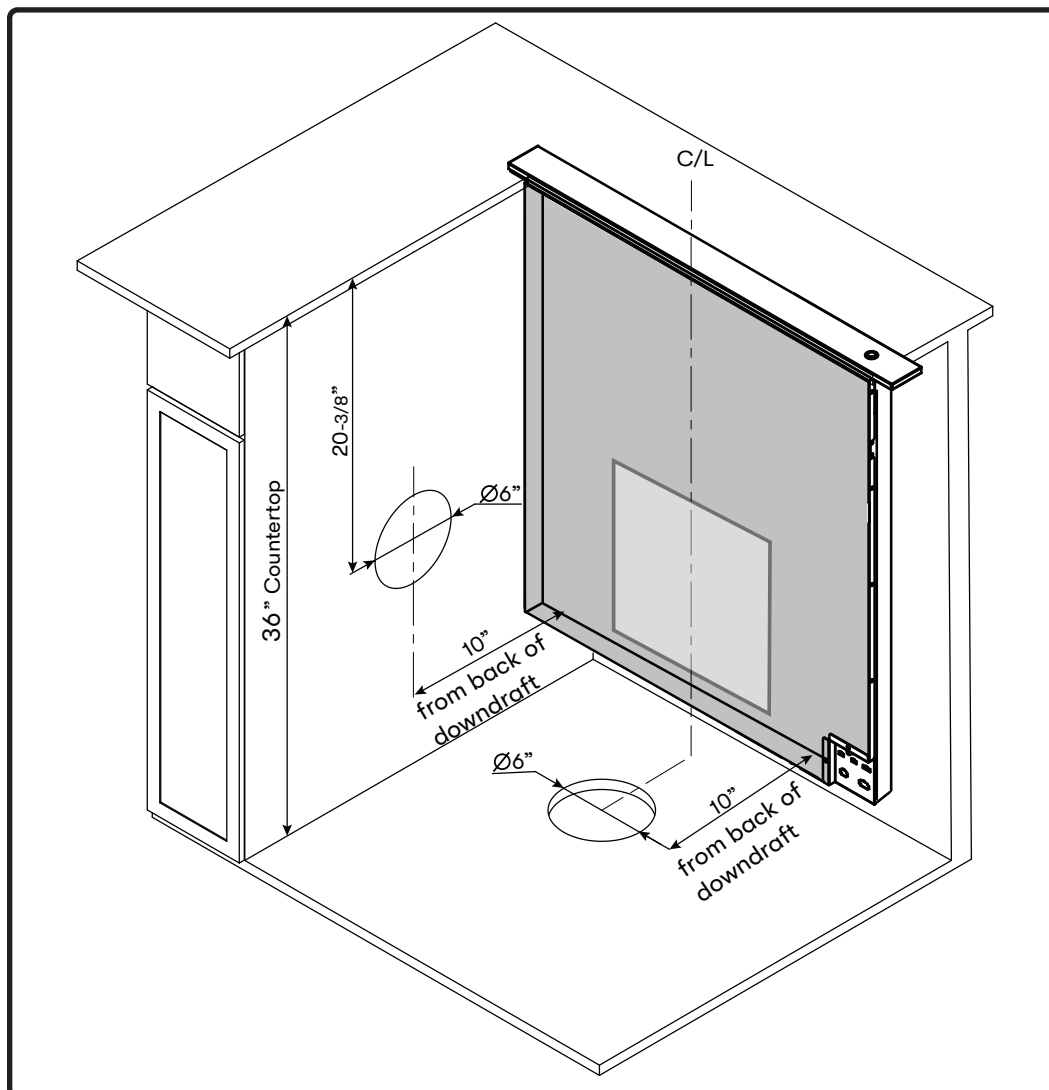


WARNING



Fire Hazard: NEVER exhaust air or terminate ductwork into spaces between walls, crawl spaces, ceilings, attics, or garages. All exhaust must be ducted to the outside, unless using the recirculating option.

Planning the Cabinet Cutouts



- If the blower housing is relocated to the back, please ensure there is at least 12" of cabinet space behind the downdraft. The 6" round duct cutout measurement will then be 7-7/8" from the back of the downdraft.
- If a recirculating kit is used, see page 21 and the manual included with ZRC-00TV recirculating kit for more information.

Installation Instructions

Planning the Electrical



WARNING



Electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards. Turn off electrical power at service entrance before wiring.



WARNING



Improper bonding to ground can result in a risk of electric shock.

- ▶ 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.
- ▶ 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.
- ▶ Instructions for bonding the appliance to ground: The grounding-type attachment plug provided with this appliance shall be connected to a grounding-type receptacle installed in accordance with CSA C22.1, Canadian Electrical Code, Part I. In the event of an electrical short circuit, bonding to ground reduces the 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 bonded to ground. Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

1. If the ZTV-E30AS is installed in a 30" cabinet or ZTV-E36AS is installed in a 36" cabinet, the outlet cannot be located on the back wall of the cabinet. The outlet should be mounted to the side wall or cabinet floor at least 5" from the back of the downdraft body while ensuring it does not interfere with the ducting (FIG. A). Or drill a clearance hole in the cabinet so the outlet can be mounted in an adjacent cabinet or behind the cabinet.
2. Mount an electrical outlet, with 3-pronged receptacle, inside the cabinet. Make sure the downdraft's 72" power cord can easily reach it.

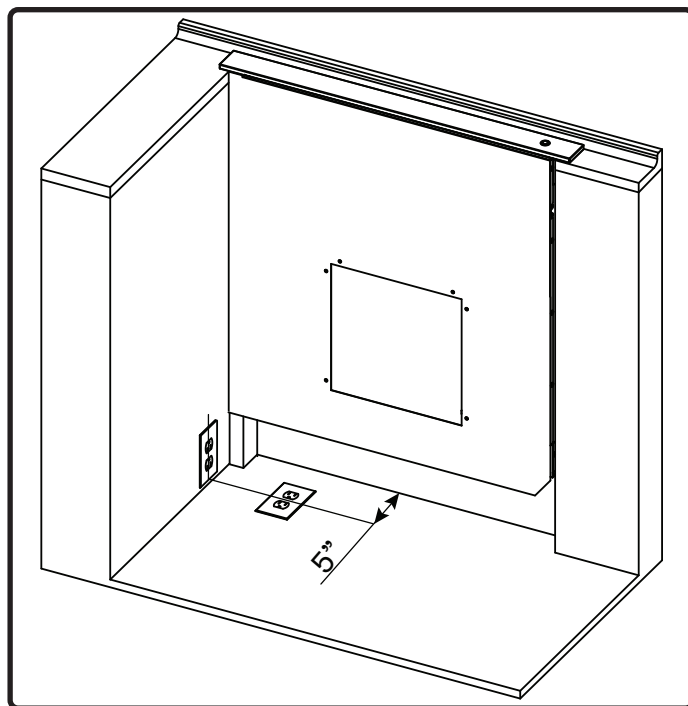


FIG. A

Preparing the Downdraft

Electronics Box Relocation (FIG. B)

The electronics box on the downdraft can be relocated from its default position. It can be mounted on the left or right side of the blower housing, and the wiring from the electronics box is long enough to be repositioned to the backside of the downdraft.

Blower Housing Repositioning

The downdraft is shipped with the blower collar pointing towards the left side. If you wish to change this orientation to face the right side or bottom side, please follow the steps below:

1. Place the downdraft on its back on a table or a flat work surface.
2. Disconnect the blower plug from the electronics box (white moxex connector).
3. Remove (8) screws surrounding the blower housing (FIG. C1).
4. Orient the blower housing with the ducting pointing towards the right or the bottom (FIG. C2).
5. Reinstall the blower housing with the (8) previously removed screws and reconnect the blower plug.
6. If you wish to install the blower housing to the back, please refer to page 16.

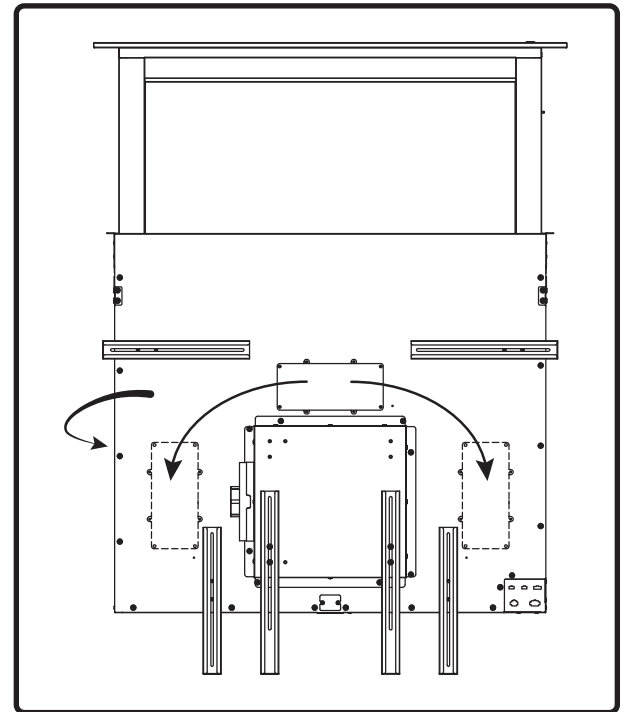


FIG. B

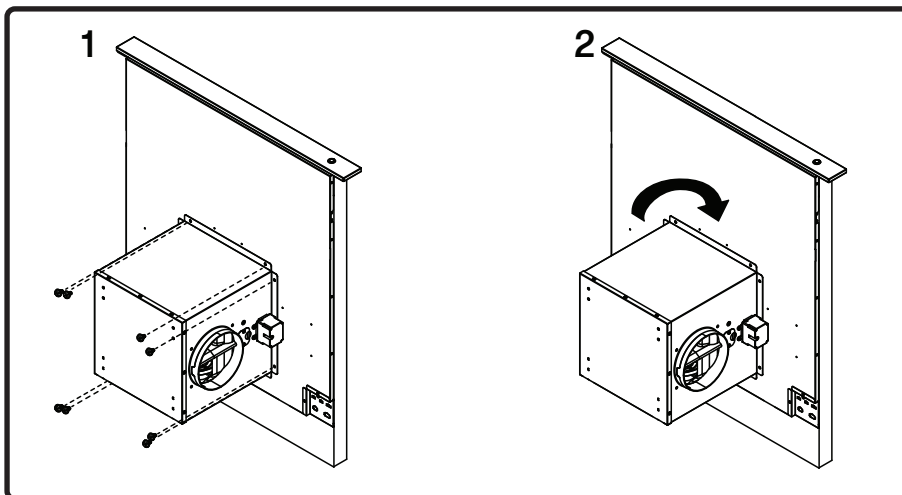


FIG. C

Installation Instructions

Preparing the Downdraft

Reversing the Blower Housing

1. Place the downdraft on its back on a table or a flat work surface.
2. Disconnect the blower plug.
3. Remove (8) screws securing the blower housing and remove the blower housing.
4. Remove (8) screws securing the square metal plate on the back of the downdraft (FIG. D1) and relocate the plate to the front where the blower housing was previously installed (FIG. D2).
5. Secure the blower housing to the back of the downdraft with the previously removed screws.
6. If are changing the position of the electronics box, refer to FIG. E for possible locations for reinstallation.
7. Remove (4) screws and relocate the electronics box to the left side, right side, upper side, or back side.
8. Reinstall the electronics box by the (4) previously removed screws.
9. Reinstall the square metal plate onto the front of the downdraft where the blower housing was previously installed by (8) provided screws (FIG. D2).

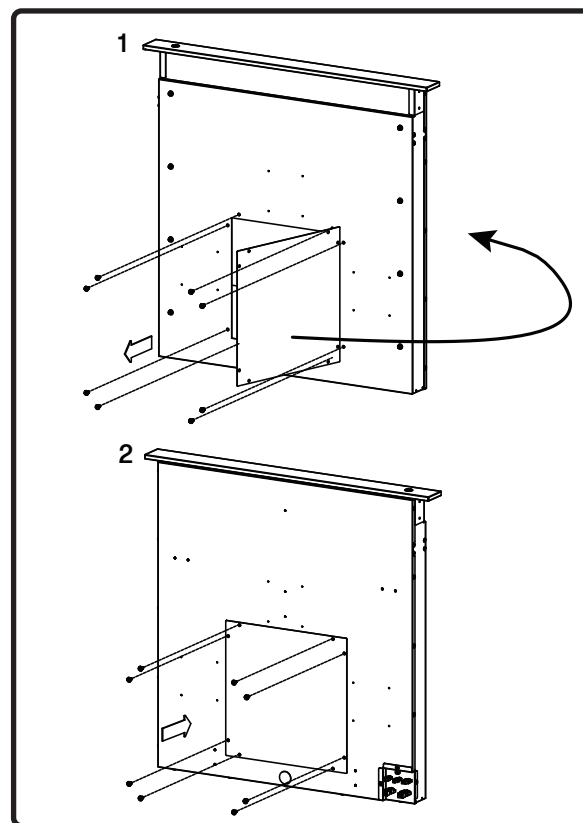


FIG. D

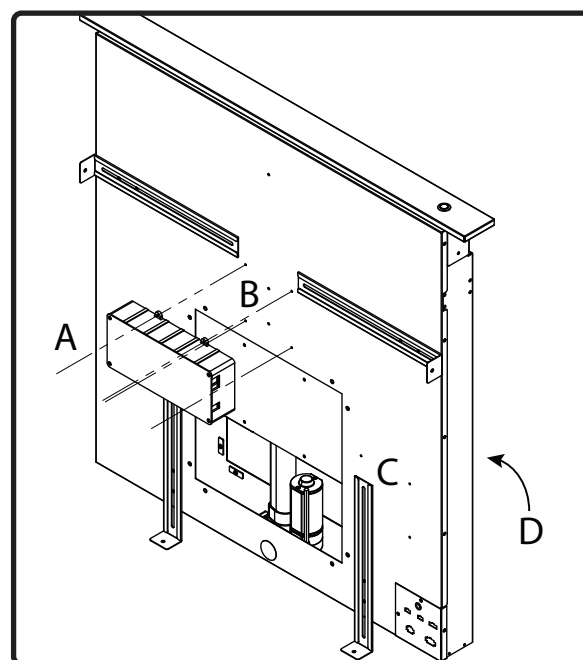


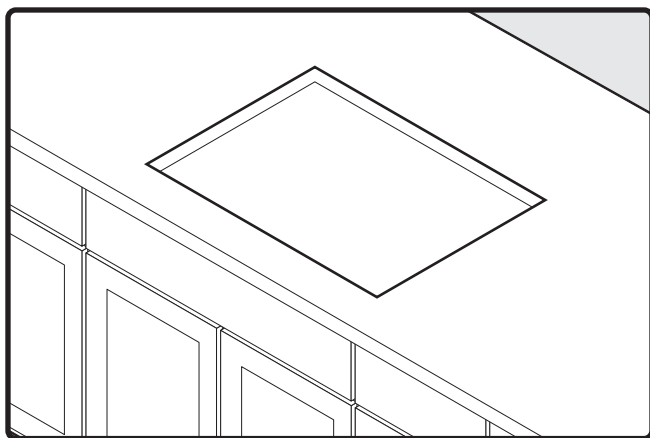
FIG. E

Cutting the Countertop Opening

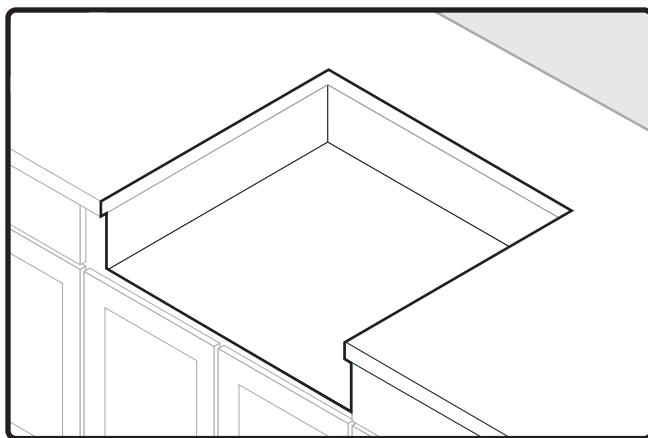
Below are the different cooking appliances when cutting the countertop opening that can be used for the downdraft.

NOTE: For range installation, the downdraft is only compatible with ranges used in island installations where a 12" minimum of cabinet space is available behind the downdraft to accommodate the blower housing. A range trim kit (DDT-0130 or DDT-0136, sold separately) may be needed to cover the gap between the back of the range and front of the downdraft.

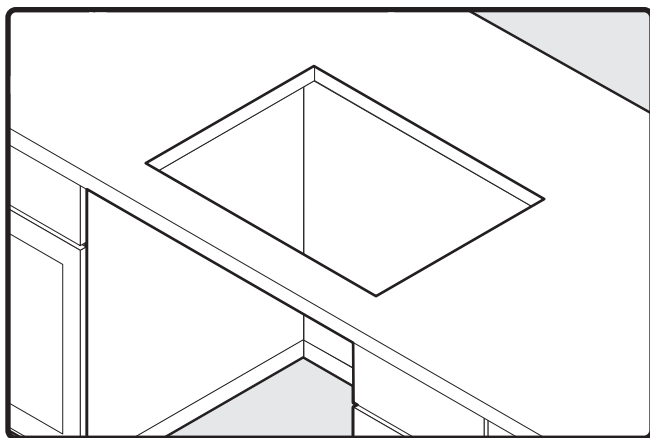
Cooktop



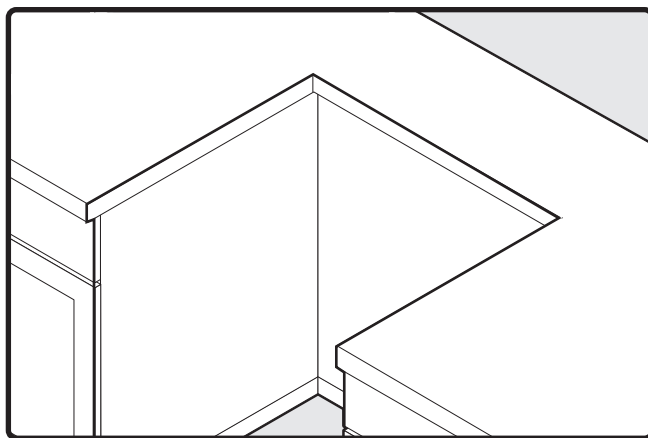
Rangetop



Cooktop with Wall Oven



Range



Installation Instructions

Cutting the Countertop Opening

1. Lay out and cut the cooktop cutout far enough forward so the downdraft will fit behind it. Refer to FIG. F for measurements.
2. Set cooktop in place and slide it as far forward as possible. Center and square it with edges of countertop.
3. Mark areas of countertop for the downdraft opening using the included template.
4. Remove cooktop from countertop.
5. Cut downdraft opening. Be careful not to chip edges of countertop.

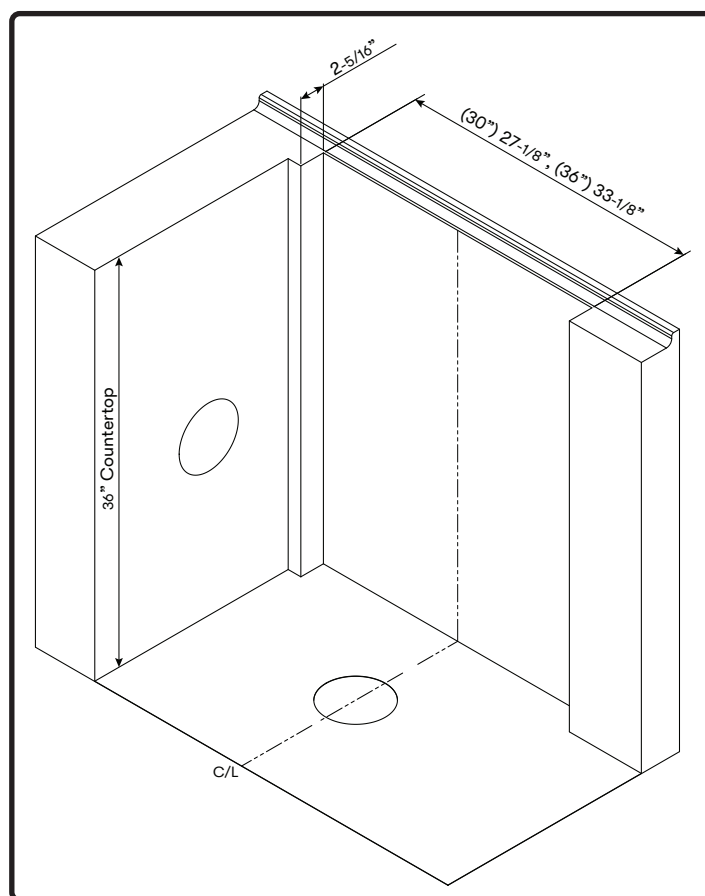


FIG. F

Mounting the Downdraft

1. Place the downdraft into the cabinet opening making sure the mounting ears protruding from the left and right side of the downdraft body are resting on the countertop.
2. Make sure the downdraft body and blower housing is level prior to securing the leveling brackets (FIG. G).
3. Secure the downdraft to the cabinet using the (6) included leveling brackets. Refer to FIG. H for leveling bracket placement. Secure (4) short leveling brackets to the downdraft body (A) and (2) long leveling brackets to the blower housing (B).
4. Mount the leveling brackets onto the downdraft body by using (2) M4 x 8 screws per bracket.
5. Secure the leveling brackets to the cabinet with (6) #6 x 1" screws per bracket.

NOTE: The leveling brackets can be repositioned, so the bracket flange faces inwards or outwards.

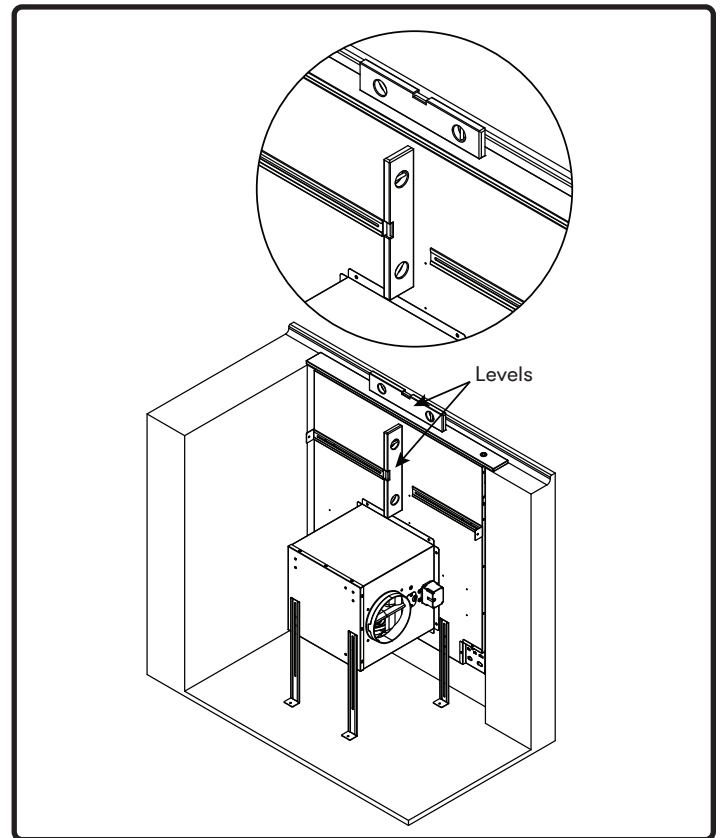


FIG. G

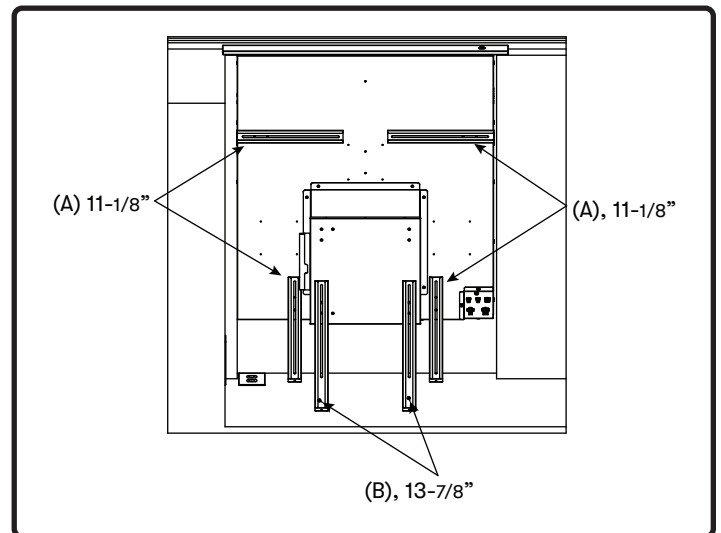


FIG. H

Installation Instructions

Installing the Ductwork

If using a recirculating kit, refer to page 21 for more information on ductless recirculation or refer to the recirculating kit manual for more detailed installation instructions.



CAUTION



Before cutting hole in cabinet for ductwork, check for interference with floor joists, wall studs, electrical wiring, or plumbing.

1. Cut hole in cabinet as well as holes in wall or floor as necessary.
2. Mount the roof or wall cap and work back towards the cabinet, attaching all ductwork, elbows, and transitions as previously planned. Tape all ductwork connections to make them secure and air tight.
3. Connect ductwork (and transition, if required) to downdraft.

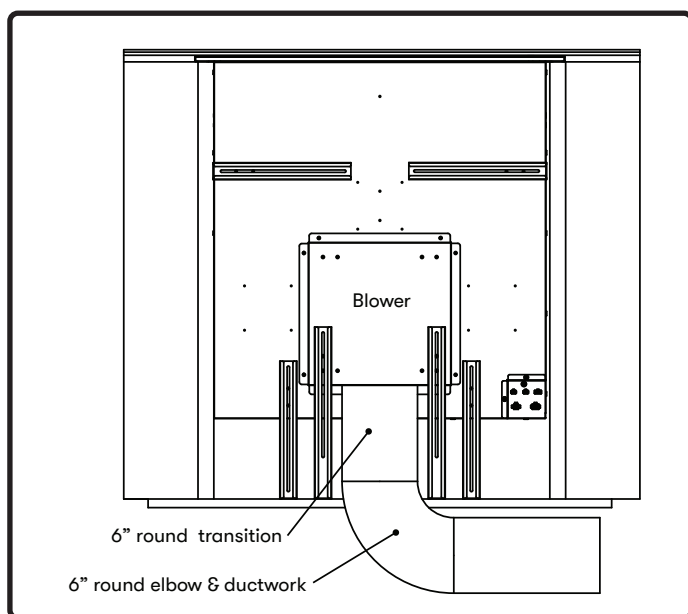


FIG. I

Powering the Downdraft

Plug the downdraft's power cord into the electrical outlet. Make sure the power cord does not interfere with the ducting and is routed away from any heat generated by the cooktop.

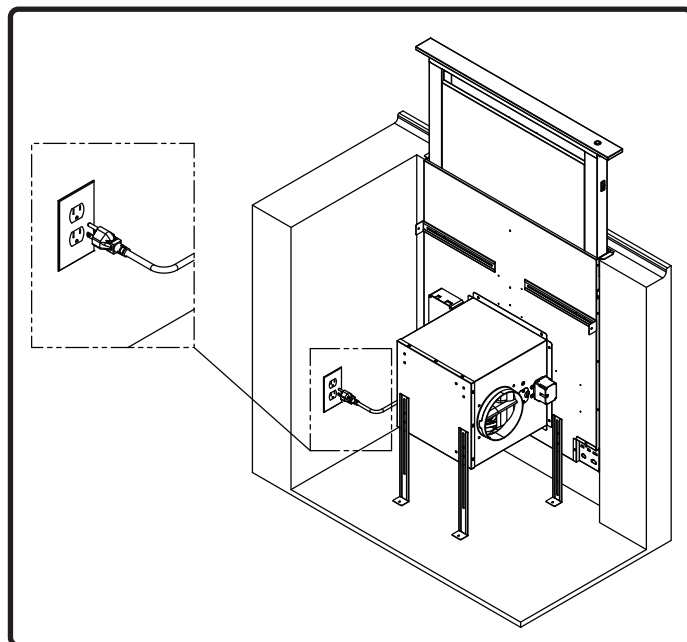


FIG. J

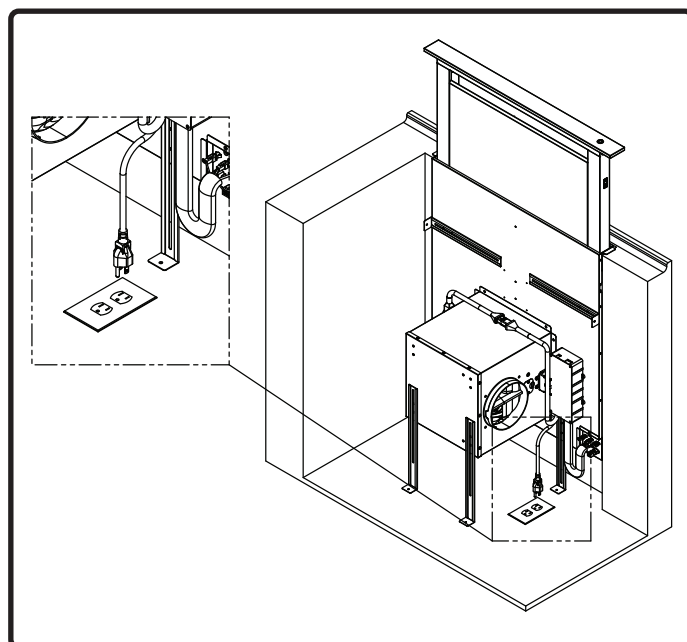


FIG. K

Ductless Recirculation

Ductless recirculation is intended for applications where an exhaust duct work is not possible to be installed. When converted, the downdraft functions as a recirculating downdraft rather than an exhaust downdraft. Fumes and exhaust from cooking are drawn and filtered by an optional charcoal filter. The air is then purified and recirculated back within the home.

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

When converted to a recirculating downdraft, the charcoal filter is installed in the recirculation box. Order according to its part number below. The standard grease filters are intended to capture residue from cooking, and the optional charcoal filter helps to purify fumes exhausted from cooking for recirculation.

Recirculating Kit Installation (required if no ducting is used)

For detailed installation instructions, please refer to the manual included with the recirculating kit. The kit includes an air recirculation box, charcoal filter, and kickplate.

| Hood Model | Recirculating Kit Part Number | Filters in Package | Charcoal Filter Replacement Part Number | Quantity to Order |
|------------|-------------------------------|--------------------|---|-------------------|
| ZTV | ZRC-00TV | 1 | Z0F-C006 | 1 |

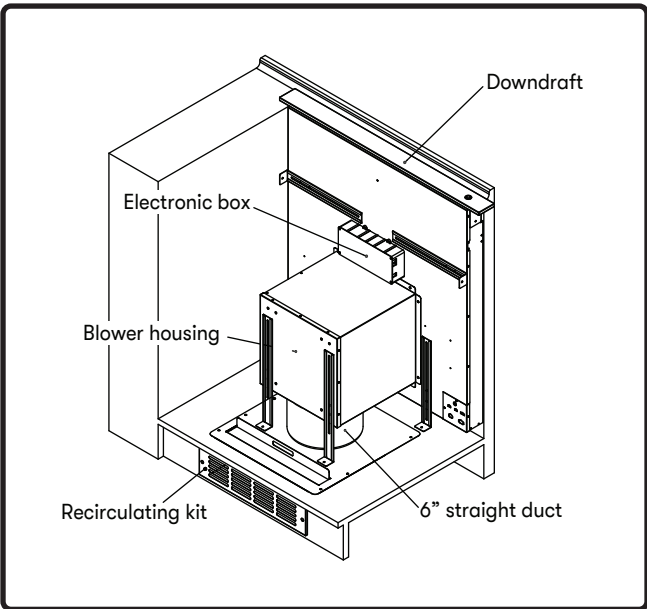


FIG. L

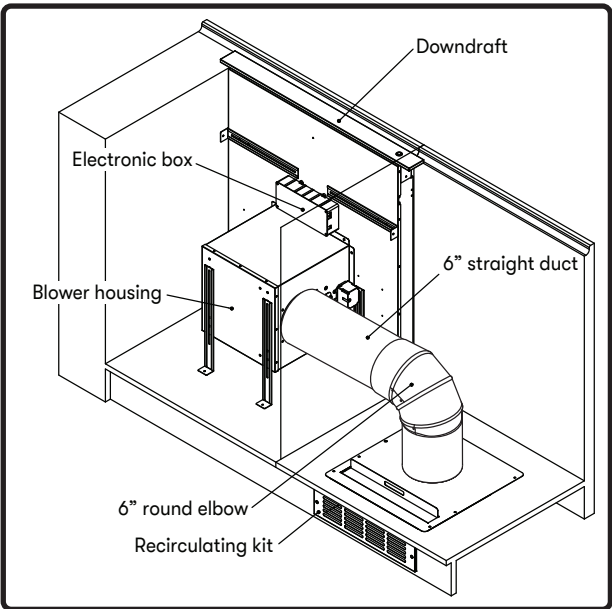
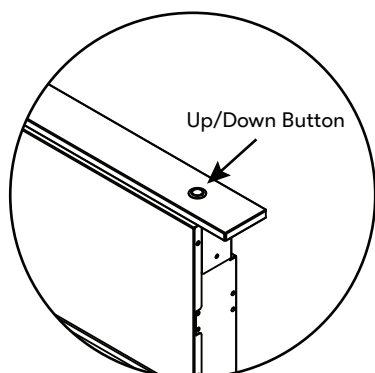


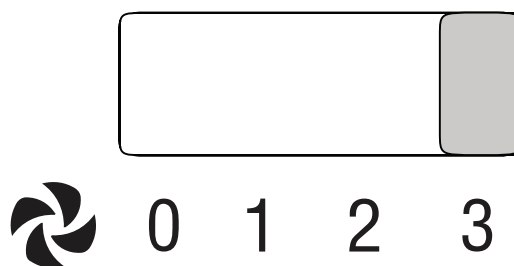
FIG. M

Features & Controls

Up/Down Button & Mechanical Slide Controls



Up/Down Button



Mechanical Slide Controls

UP/DOWN BUTTON

- ▶ Turn on the downdraft blower by pressing down on the Up/Down button. The chimney will rise. Press the Up/Down button again to turn off the blower as the chimney begins to descend.
- ▶ A safety mechanism from the downdraft prevents the chimney from closing when it hits an obstruction. When this happens, press the Up/Down button again to raise the chimney.

NOTE: For the most convenient operation, set the blower to your favorite speed. The blower will be set to this speed whenever the Up/Down button is pressed and once the chimney as risen.

MECHANICAL SLIDE CONTROLS - BLOWER ON/OFF/SPEED SELECTION

- ▶ While the downdraft is up, the controls are located on the right side of the unit slightly below the chimney. 0 is off, 1 is low speed, 2 is medium speed, and 3 is high speed.

NOTE: With ACT™ enabled, the available number of blower speeds will be reduced from 3 to 2 with 390 CFM as the highest setting.

Hood & Filter Cleaning

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.

Cleaning the Grease Filters

The grease filters are intended to trap residue and grease from cooking. Although the filters should never need replacing, they are required to be cleaned every 30 days or more often depending on cooking habits.

Grease filters may be placed in dishwasher at low heat or soaked in hot soapy water. Dry filters and reinstall before using hood.

To remove the grease filters, please follow the instructions below:

1. Fully raise the downdraft chimney by pressing the Up/Down button. Make sure the downdraft is off afterward by sliding the switch to 0 from the mechanical switch controls.
2. The front panel is secured by hanging off of four latches. Remove the front panel by grabbing the top, lifting it directly up, and pulling it away (FIG. N). From there, the grease filters should be visible.
3. Remove the grease filters by lifting them out.

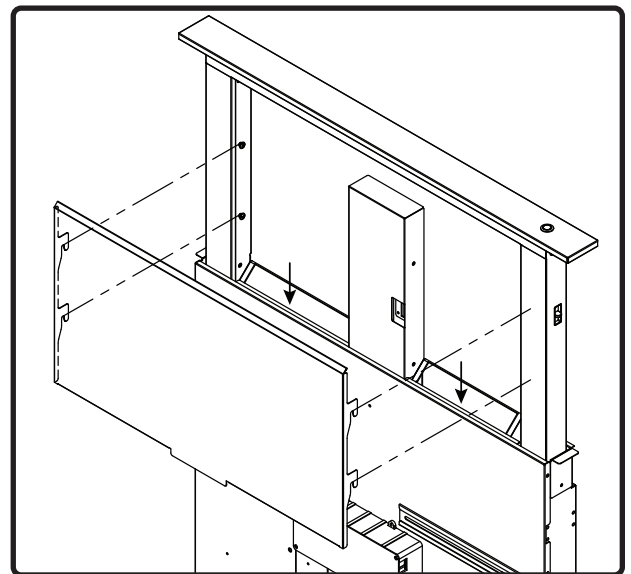


FIG. N

Airflow Control Technology (ACT™)

Some local codes limit the maximum amount of CFM a range hood can move. ACT™ allows you to control the maximum blower CFM of select Zephyr Ventilation range hoods without the need for expensive make up air kits. ACT™ enables the installer to easily set the maximum blower speed to one of the most commonly specified CFM levels; 390 CFM. The usage of ACT™ may not be necessary for your installation. Please check your local codes for CFM restrictions.



CAUTION



After enabling ACT™, the CFM cannot be changed again. Only enable ACT™ if required by local codes.

Enabling ACT™

To enable ACT™:

1. Press the Up/Down button to fully raise the chimney. After it has risen, turn off the downdraft.
2. Remove the front panel by lifting it directly up (FIG. O1) and pulling it away (FIG. O2).
3. Locate the ACT™ screw hole at the right side panel on the bottom (FIG. P).
4. Insert the ACT™ screw (FIG. Q).
5. Fully tighten screw to enable ACT™.
6. Remove the appropriate foil CFM sticker included with the hood literature and place inside the hood body below the wiring diagram or in another clearly visible location (FIG. R).

To verify if your installer enabled ACT™:

1. There should be a foil label located inside the hood body near the wiring diagram that indicates the blower CFM.
2. With the chimney fully risen and front panel removed, check the right side panel on the bottom. The ACT™ screw is fully inserted.
3. With ACT™ enabled, the blower speeds are reduced from 3 to 2.

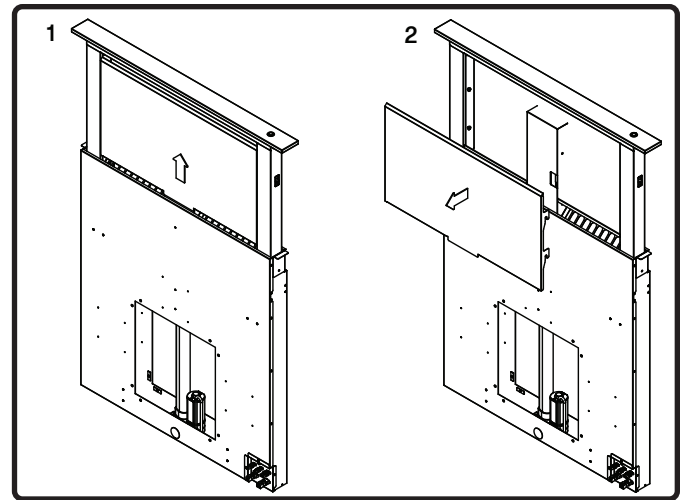


FIG. O

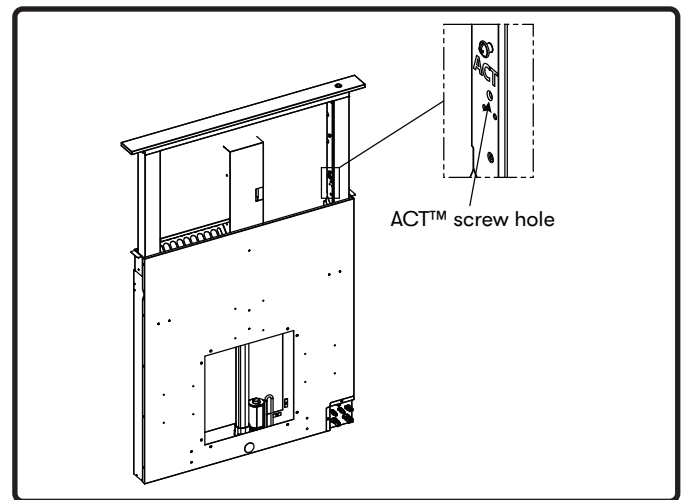


FIG. P

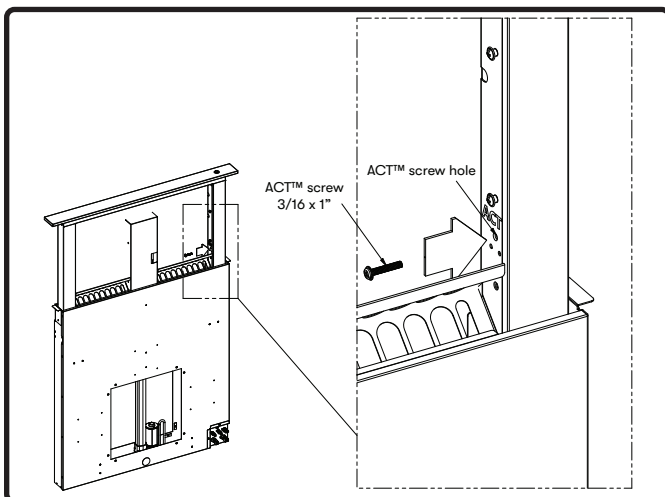


FIG. Q

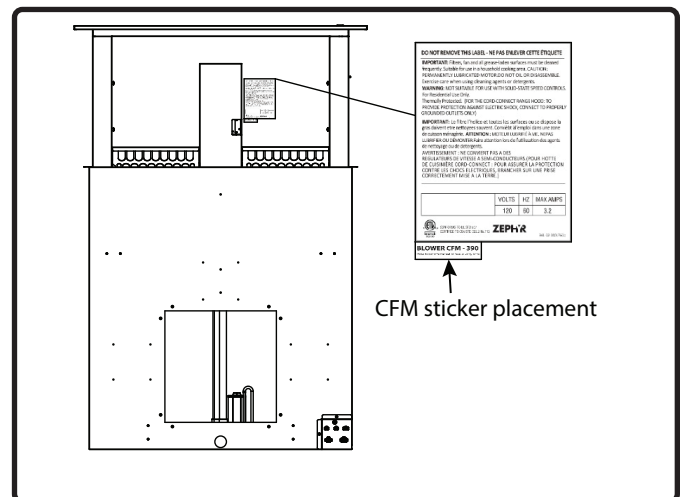
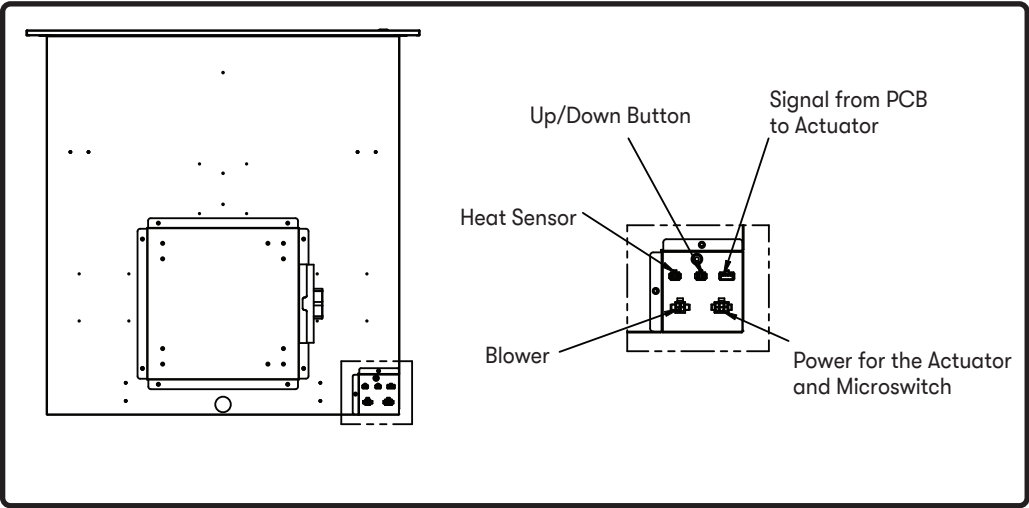
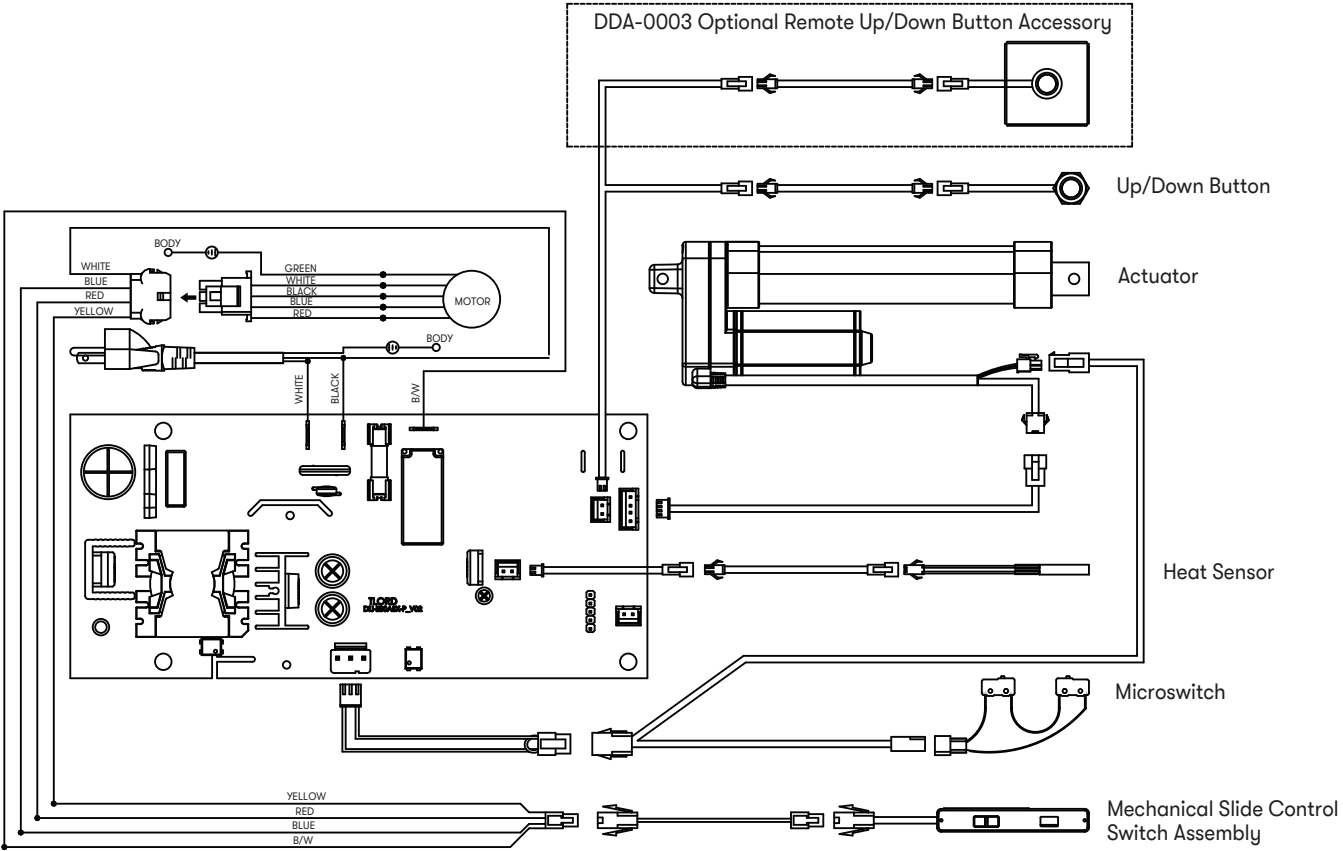


FIG. R

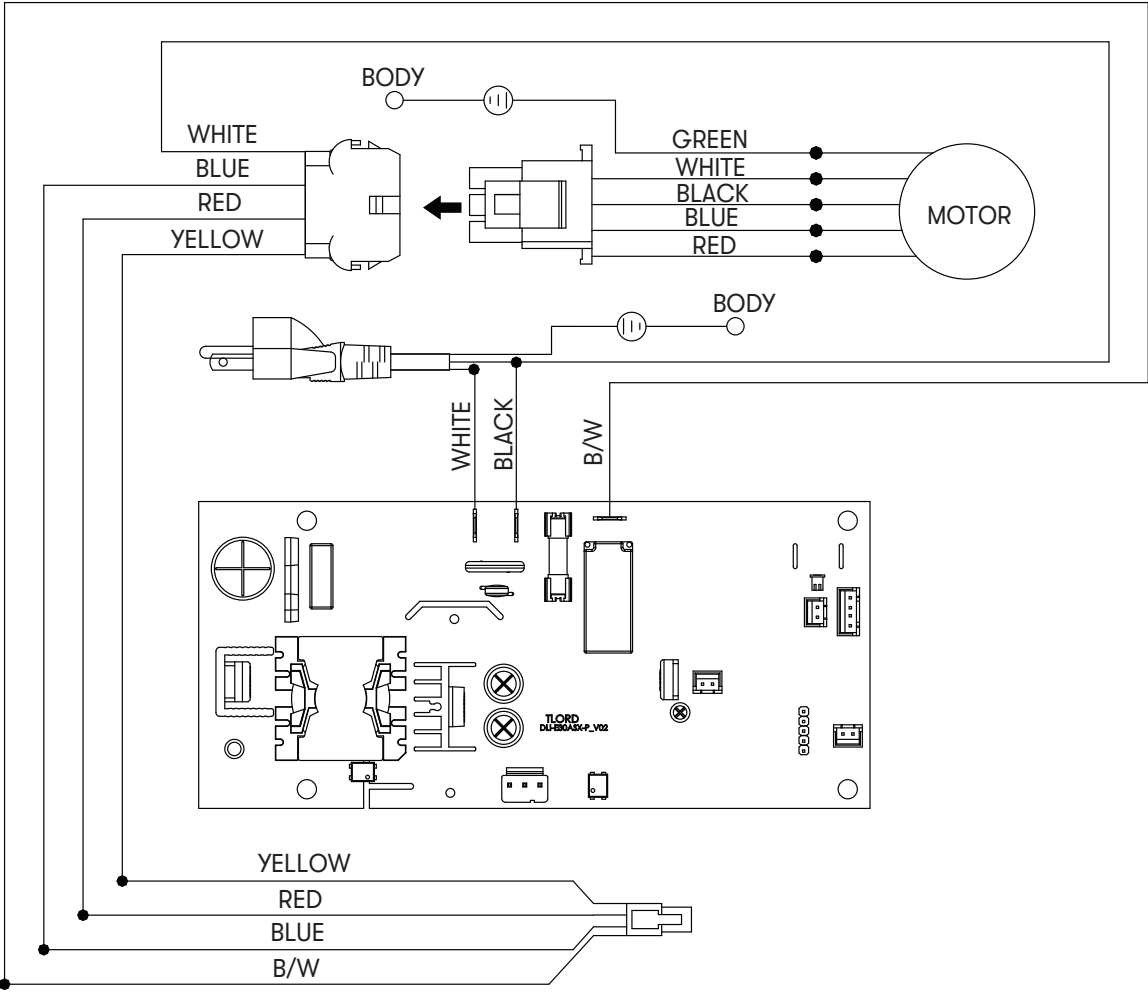
Wiring Diagram

ZTV-E30AS, ZTV-E36AS
Wiring Diagram

| Volts | Hz | Max Amps |
|-------|----|----------|
| 120 | 60 | 3.2 |



| ZTV-E30AS, ZTV-E36AS Enlarged Wiring Diagram | Volts | Hz | Max Amps |
|---|-------|----|----------|
| | 120 | 60 | 3.2 |



| Wiring Panel Breakdown | |
|---|--|
| Heat sensor wire | Protects downdraft from overheating |
| Up/down button wire | Allows downdraft chimney to rise and lower |
| Signal from PCB to actuator wire | Allows downdraft chimney to rise and lower |
| Blower wire | Allows blower to operate |
| Power for actuator and microswitch wire | Allows downdraft chimney to rise and lower |

Troubleshooting

| Possible Problem | Possible Cause | Solutions |
|--|---|---|
| After installation, the unit doesn't work. | The power source is not turned ON. | Make sure the circuit breaker and the unit's power is ON. |
| | 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 or control board wirings are disconnected. | Make sure the wirings at the switch board and control board are connected properly. |
| | The wires on control board are loose. | Make sure the wires on the control board are connected properly. |
| | The wires on the wiring panel are disconnected. | Make sure all wires are properly connected to the wiring panel. |
| The unit is vibrating. | The blower is not secured in place. | Tighten the blower in place. |
| | Damaged blower wheel. | Replace the blower. |
| | The hood is not secured in place. | Check the installation of the hood. |
| The unit is whistling. | A filter is not in the correct position. | Adjust the filters until the whistling stops. |
| | The duct pipe connections are not sealed or connected properly. | Check the duct pipe connections to be sure all connections are sealed properly. |
| The hood is not venting out properly. | Using the wrong size of ducting. | Change the ducting to the correct size. |
| | 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. |
| | Blockage in the duct opening or ductwork. | Remove all the blocking from the duct work or duct opening. |
| The unit turns on by itself. | Remote control may be paired incorrectly. | Resynchronize the remote control to connect to a different channel. |
| The chimney raises but stops. | There may be an obstruction. | Clear any obstructions. |
| | Downdraft body may be installed unevenly. | Ensure downdraft body is properly leveled. |
| The chimney raises and lowers, but the blower does not power on. | Fan speed is set to 0. | Change fan speed to 1-3. |
| | Blower plug is disconnected. | Connect blower plug. |
| Fan speeds 2 and 3 sound the same. | ACT™ is enabled, likely due to local codes. | N/A |

| Description | Part Number |
|-----------------------------|-------------|
| Replacement Parts | |
| Charcoal Filter Replacement | ZOF-C006 |
| Optional Accessories | |
| Wired Remote Switch | DDA-0003 |
| Recirculating Kit | ZRC-00TV |
| Range Trim Kit, 30" | DDT-0130 |
| Range Trim Kit, 36" | DDT-0136 |
| Make-up Air Kit, 6" | MUA006A |

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

TO OBTAIN SERVICE UNDER WARRANTY OR FOR ANY SERVICE RELATED QUESTIONS**United States Customers please call: 1-888-880-8368 or contact us at: zephyronline.com/contact****Canada Customers please call: 1-800-361-0799 or Email: service@distinctive-online.com**

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:

Two Year Limited Warranty for Parts: For two 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 subject to the exclusions and limitations below. 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 subject to the exclusions and limitations below. 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 or government 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. All Products must be installed by a qualified professional installer to be eligible for warranty repairs or service.

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 and one-year periods described above if permitted by applicable law. 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 only applies to the consumer residence where the Product was originally installed located in the United States and Canada. This warranty is not extended to resellers.

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 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. This warranty is not extended or restarted upon warranty repair or replacements.

Please check our website for any additional Product information, www.zephyronline.com.

Zephyr, 2277 Harbor Bay Parkway, Alameda, CA 94502

Product Registration

Congratulations on the purchase of your Zephyr product! Please take a moment to register your new Zephyr product 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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