

USE, CARE AND INSTALLATION GUIDE

Read all instructions before installing and operating this appliance

IMPORTANT SAFETY NOTICE

MODEL : PR3030

WARNING

Installation

The installation instruction in this manual is intended for qualified installers, service technicians or persons with similar qualified background. DO NOT attempt to install the appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background.

All electrical wiring should be properly installed, insulated, and grounded. Over accumulated grease on old duct work should be cleaned out or duct work should be replaced if necessary to avoid the possibility of grease fire. Check all sections and joints on duct work to insure proper connection and all joints should be properly taped.

Operations

Read all instructions in this manual before operating the appliance. Save these instructions for future reference.

ALWAYS leave safety grills attached in place at all times. Operating blowers could catch on to hair, fingers, and loose clothing.

Keep unit and residue containers clean from grease accumulation from time to time. NEVER dispose foreign substances into the blowers. Do not dispose cigarette ashes or ignitable substances into the blowers.

Cleaning

Use with extreme caution while performing the Self Cleaning Function and safety grills are removed. Beware of fingers, hair, loose clothing from getting in the blowers and NEVER leave children unattended.

NEVER disassemble parts to clean without proper instructions. Disassembly are recommended to be performed by qualified personnel only. We are not responsible for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance. Call our Service Center for removal instructions.

1. WARNING-TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- Use this unit only in the manner intended by the manufacturer, If you have questions, contact the manufacturer.
- Before servicing or cleaning unit, switch power off at service panel and lock service 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.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, Including Fire-Rated construction.
- Sufficient air needed 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.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Dusted fans must always be vented to the outdoors.
- 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 Interrupter protected branch circuit).
- NEVER place a switch where it can be reached from a tub or shower.

1. WARNING-TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCT WORK.

2. "CAUTION"-For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

3. WARNING-TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

- Never leave surface units unattended at high settings. Bou overs cause smoking and greasy spillovers that may ignite, Heat oils slowly on low or medium settings.
- Always run hood on when cooking at high heat or when cooking flaming foods.
- Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- Use proper pan size. always use cookware appropriate for the size of the surface element.
- Keep fan, filters and grease laden surface clean.
- Use high hood setting on hood only when necessary.
- Don't leave hood unattended when cooking.
- Always use cookware and utensils appropriate for the type and amount of food being prepared.

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

- SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner, BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
- NEVER PICK UP A FLAMING PAN-You may be burned.
- DO NOT USE WATER, including wet dishcloths or towels a violent steam explosion will result.
- Use an extinguisher only if:
 - You know you have a class ABC extinguisher, and you already know how to operate it.
 - The fire is small and contained in the area where it started.
 - The fire department is being called.
 - You can fight the fire with your back to an exit.

^aBased on "Kitchen Fire Safety Tips" published by NFPA.

✱Do not use this fan with any solid-state speed control device!

WARNING

Installation of this product is intended for qualified installers, service technicians, or persons with similar qualified background. DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical knowledge and technical background. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage and the warranty on the product automatically becomes void.

Installation of this product must conform with all local codes. All connections must be electrically grounded and ducting must be properly vented outside in accordance to codes. Never duct exhaust into attics, within walls, crawlspaces, garages, or anywhere inside the house which might cause grease fire. All duct joints must be properly inspected, taped and sealed.

Edges are exposed around the duct opening and once the bottom grease shield is removed. Be careful when handling the sharp edges. Wearing protective gloves and appropriate work clothing is recommended.

REQUIREMENTS

Duct Size

3-1/4 x 10" Vertical Duct Discharge
3-1/4 x 10" Horizontal Rear Discharge

Tools

Hand Drill with #2 philips
Flat head screwdriver to pry electrical knockout
3/4" Wood Boring Bit
Jigsaw (if cabinet opening modification is required)

Power Source

115W

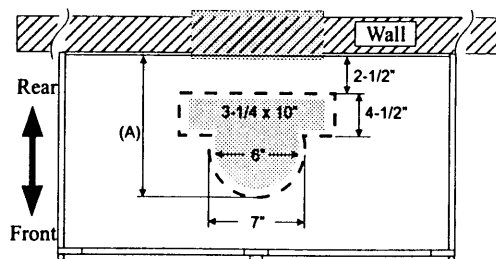
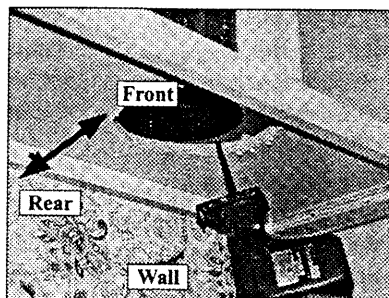
ACCESSORIES

2	residue cups
2	'L' brackets (for direct wall mount only)
4	screws for 'L' brackets

1	6" starting collar
3	electrical wire connectors & screws
1	Convertible transition collar
1	6" collar cap
1	3-1/4 x 10" starting collar (packaged separately)
1	Back-splash

Check all accessories before installation, package also includes 1) Care, Maintenance and installation manual 2) Owner's Warranty Registration card 3) Serial number label adhered on top of box.

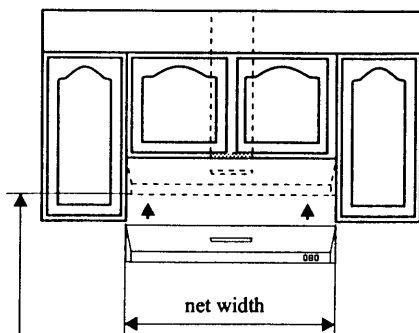
DUCT OPENING



Cut Out Size (A):

10-1/2"

CLEARANCES



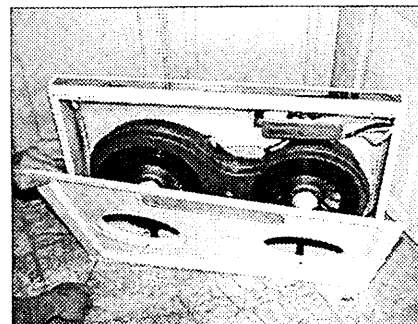
Minimum clearance above range should be no less than 18" from the range surface to the range hood's base. Maximum height are recommended not to exceed 30" for maximum efficiency.

Net width on all models are call out width less 1/4".

Call Out Size	Net Width
30"	29-3/4"
36"	35-3/4"
42"	41-3/4"
48"	47-3/4"

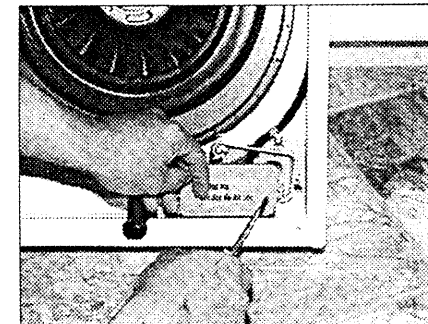
Note: Refer Manufacturers' height clearance requirements on all high btu and professional ranges.

STEP 1



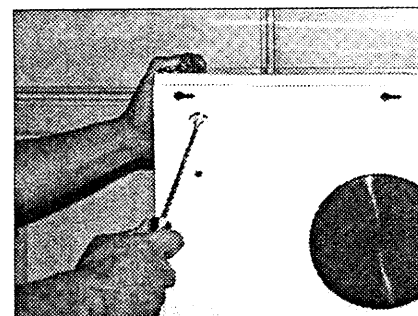
1. Remove all contents from box
2. Unscrew and remove bottom grease splash shield

STEP 2



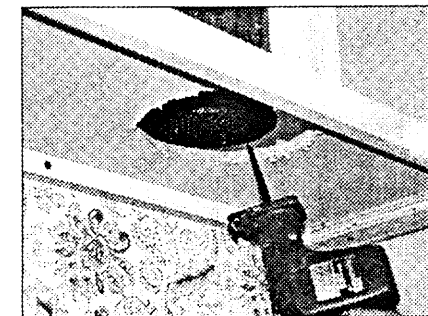
1. Locate electrical connection box inside
2. Unscrew cover to reveal wiring

STEP 3



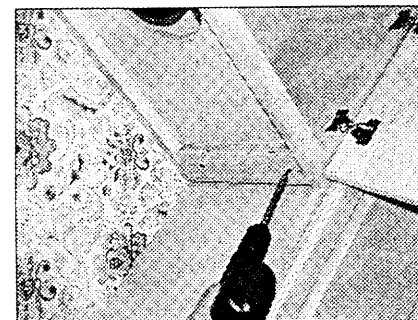
1. Locate electrical connection box knock out from left rear of hood and pry open with screwdriver

STEP 4



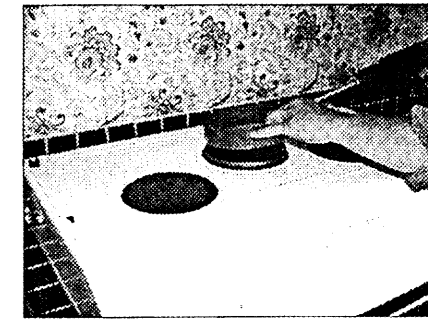
1. Cut out cabinet base opening if necessary. Refer cut out dimensions previous page.

STEP 5



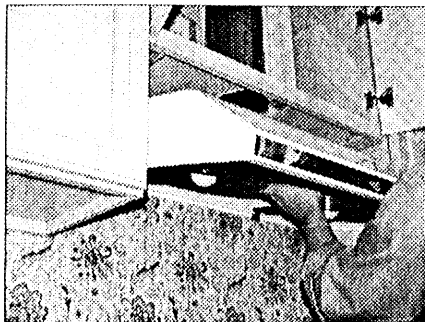
1. Reinforce cabinet base with 1x2 wood strips if additional strengthening is required.
2. Unscrew and remove bottom grease splash shield

STEP 6 (also refer notes on pg. 16)



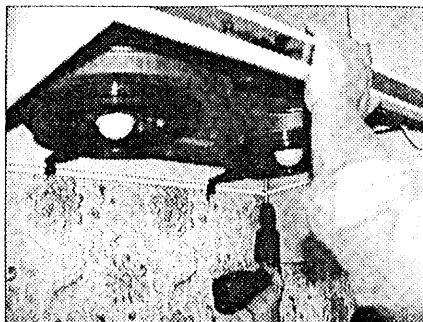
1. Install damper if required by local codes (not provided), or install 6" starting collar (green)**

STEP 7



1. Lift hood to bottom of cabinet

STEP 8



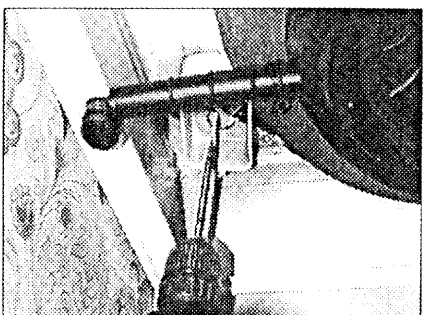
1. Support hood to place, fasten both rear with screws and washers provided.

STEP 9 (also refer notes on pg. 16)



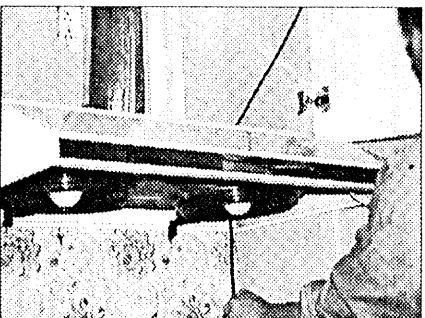
1. Fasten front of hood. Level all sides and adjust accordingly.**

STEP 10



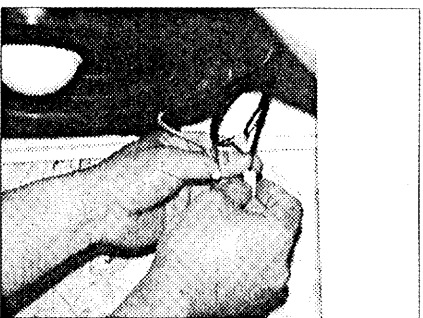
1. Drill out cabinet base through electrical box with 3/4" boring bit.

STEP 11



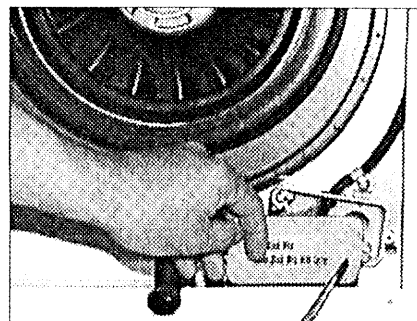
1. Pull electrical supply wire through drill out or use #14 grounded wire for receptacles (not supplied)

STEP 12 (also refer notes pg. 16)



1. Connect both wires (blk) on hood to either power supply (blk or wht). Ground green wire.**

STEP 13



1. Reinstall electrical box cover.

STEP 14



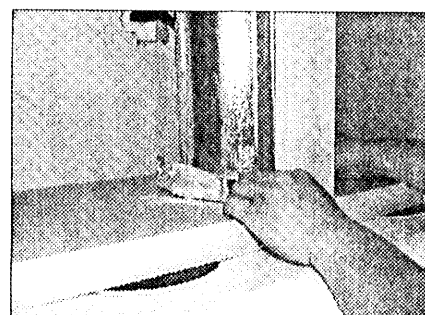
1. Reinstall bottom splash shield by first fastening 3 rear screws, (do not tighten all the way).

STEP 15



1. Next, fasten the 3 front screws and begin tightening all screws from rear to front.

STEP 16



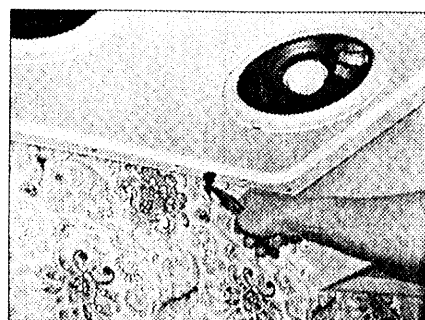
1. Connect duct to opening, inspect and tape all joints with approved aluminum or duct tape.

STEP 17



1. Turn on electrical supply or plug into receptacles.

STEP 18



1. On Cyclone & Whirlwind models, be sure to pull both grease tubes over its opening.

CONVERTIBLE OPTIONS

Pacific's series are equipped with the option of a 6" vertical discharge, 3-1/4x10" vertical discharge, or 3-1/4x10" rear discharge. Additional accessories are provided to convert either of the above discharge methods.

Convertible Options

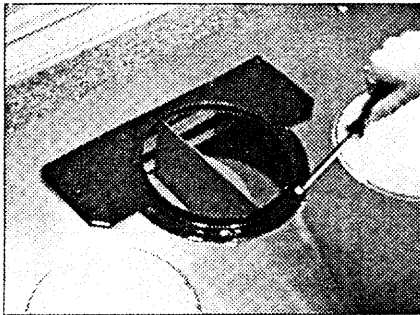
Vertical discharge	6" round
Vertical discharge	3-1/4 x 10"
Horizontal rear discharge	3-1/4 x 10"

Convertible Accessories

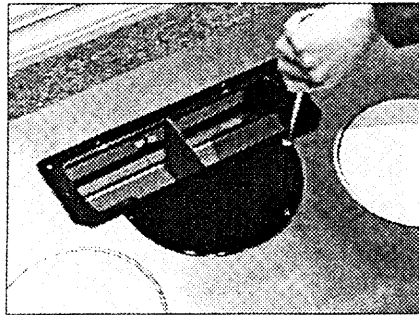
6" round duct cap
Round to rectangular transition adaptor
Rectangular to round transition adaptor (pre-mounted)
Gasket (pre-mounted)
Rectangular rear cap (pre-mounted)
3-1/4 x 10" starting collar

Back Splash

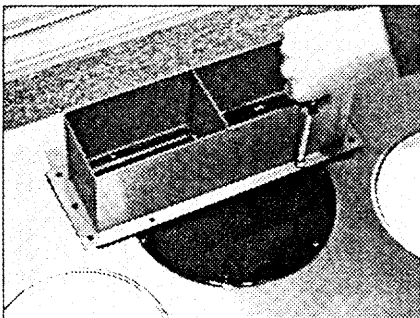
Cyclone models also come with a standard back splash. If desired, install back splash to rear of range hood with screws provided after all duct conversion steps below are completed.

3-1/4 x 10" Vertical Discharge

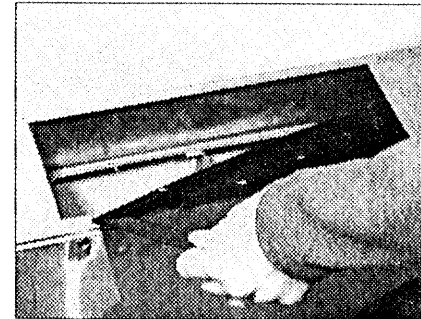
1. Remove pre-mounted 6" transition adaptor on duct opening. Leave attached gasket in the original place.



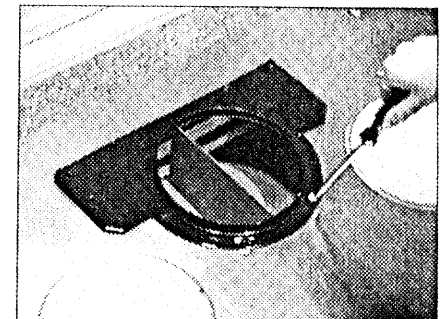
2. Place rectangular transition adaptor as shown over gasket and by first installing 4 screws on half round section.



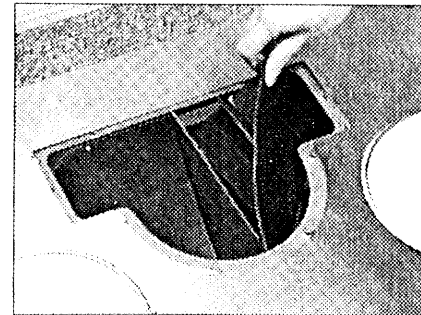
3. Mount the 3-1/4 x 10" starting collar on top of transition piece with remaining screws.

3-1/4 x 10" Rear Discharge

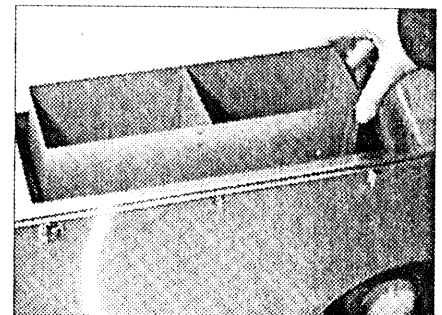
4. At rear of range hood, remove all screws on pre-mounted rear rectangular cap and remove cap with gasket.



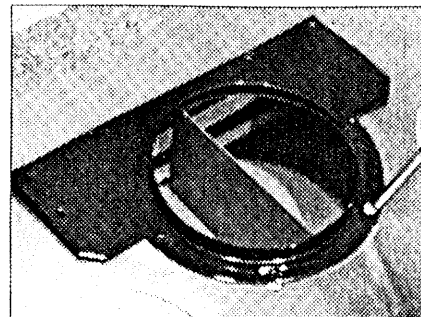
5. Remove top pre-mounted transition piece. Leave attached gasket in its original place.



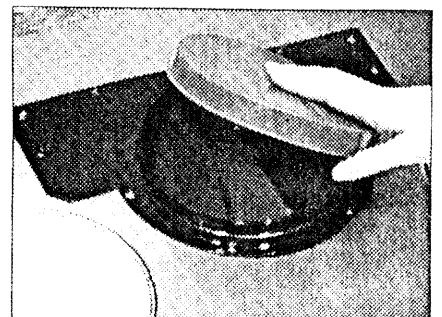
6. Remove 2 arch blocks through top opening.



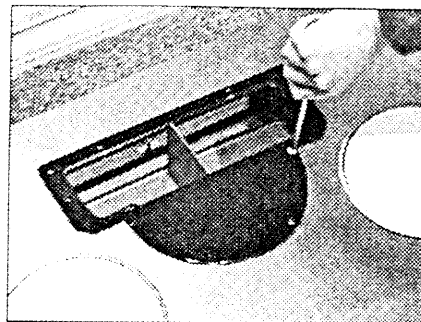
7. Mount Starting Collar (provided) at rear discharge opening with gasket previously removed.



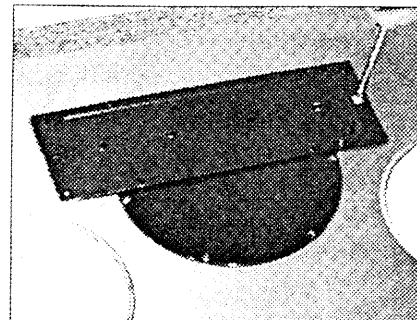
Option 1: (for recessed cabinet base)
Re-install originally pre-mounted round transition piece at opening with gasket.



Cap opening with 6" cap provided OR, use option 2 if cabinet base is not recessed.

3-1/4 x 10" Rear Discharge

Option 2: (for flush cabinet base)
Mount rectangular transition piece at opening with gasket as shown.



Mount rectangular cap (previously removed) on top of transition adaptor.