Structural Preparation for the Hood Fan Installation

The island hood weighs approximately 125 lbs. It is therefore imperative that a substantial structure is prepared in the ceiling to attach the range hood to. Ideally and ideally not higher than 32"above the cook-top. It is strongly recommended, at this point, that calculations and measurements be made and all planning and heights be finalized. You will need to fit the appropriate length of ducting to the hood fan before installing it to the ceiling.

Planning should consist of a test assembly of the power unit and telescoping structure before attempting to mount everything to the ceiling. By following this test assembly you will be able to finalize the correct length of the assembly before mounting it to the ceiling.

Test assembly should include actually attaching the following items together – refer schematic of components and **"Fixing the main support brackets"** below – Brackets A, B, C, power unit and deflector if re-circulating.

This is also a good time to test the electrical functioning of the hood before it is installed. Before switching on the light or lights, ensure the tape holding the globes in place has been removed. The globes get extremely hot and will very quickly burn the tape and discolor the globes irreparably.

Do not switch on the lights with the hood flat on any surface as the intense heat will burn the surface and destroy the lamps. Connect a power supply to the unit and test all functions.

Installation of the island hood consists of fixing the ceiling bracket to **substantial** members in the ceiling. The bracket must be fixed to block off an area of at least 12"x12" between the ceiling joists using 2x4's. Allow for a hole through the center of this blocking of at least 6" in diameter through which to pass the ductwork and electrical cable.

The underside of the hood must not be closer than 30" from the cook-top the frame by screwing through the ceiling into the heavy members inside the ceiling. **This is critically important as the entire hood fan hangs from this position, and ceiling board alone will not support the weight of the hood fan.** Discard the plastic wall plugs supplied for fixing the bracket to the ceiling – these are not appropriate for North American structures.

Fixing the Main Support Brackets

If the range hood will be fixed to dry-wall we strongly recommend that you discard the wall plugs and screws supplied. These anchors are only suitable for brick/masonry applications. We suggest the use of a more appropriate anchor system specifically designed for drywall

Using Bracket "A" as a template mark the ceiling where the fixing screws "A" will be positioned – **remember the correct orientation from above.** Attach bracket "A" to the ceiling permanently. If re-circulating, attach the deflector to Bracket "A" before fixing it to the ceiling – refer schematic on page 5.

Fix Bracket "C" to the power unit with the nuts and washers supplied (Items "A" on the schematic on page 5). Ensure that the bracket is installed as shown to enable full access to the square plastic black box and the metal electrical junction box. Slide Bracket "B" over Bracket "C" (once again ensure full access to the plastic and electrical boxes is maintained) and fix it in place, at the previously calculated length using the machine screws denoted by

items “B” on the schematic on page. 5.

Check that the plastic flaps at the exhaust outlet for the fan move freely and have not become jammed during shipping or whilst working with the power unit. Connect an appropriate length of ducting to the unit.

Do not fix the ducting to the outlet with screws - use duct tape.

Stand the assembled structure on a clean soft surface. Ensure the underside of the hood does not get scratched and slide the chimneys of the assembled structure from the top down as per the schematic on page 5. Ensure that the holes for fixing the decorative chimney are correctly orientated with the holes at the top of bracket “A”.

Attaching the Range Hood to the Ceiling

The entire structure that has been pre assembled above, must now be hoisted up to the ceiling. A few things have to happen at once here: the slots (as discussed below) need to be engaged and the ductwork must make connection with the length of ductwork on the structure.

This will require two strong people – do not attempt this step on your own. Bracket “B” has slots, position C per Diagram “A” (refer to page 5), at the top that will receive the spring clips located on Bracket “A” – **THIS IS A TEMPORARY HOLD ONLY – DO NOT RELY SOLELY ON THESE CLIPS TO HOLD THE HOOD UP – THEY WON’T.** Once “hooked” by the spring clips immediately secure the structure with the machine screws at point “E” on the schematic on page 5 – THIS MUST BE DONE IMMEDIATELY AND SHOULD NOT BE SKIPPED.

Ensure the entire structure is sturdy - serious injury, death and MAJOR damage could result should the unit not be well connected to the frame structure within the ceiling.

This is of utmost importance – do not go any further until this has been tested and double checked – the installer has sole responsibility for the safe installation of this product.

Connecting Electricity and Ducting

Make sure power is turned off at the source. Make the electrical connection (see figure 1). Test the functioning of the hood. Slide the upper chimney into place and attach with the machine screws provided to Bracket “A”.

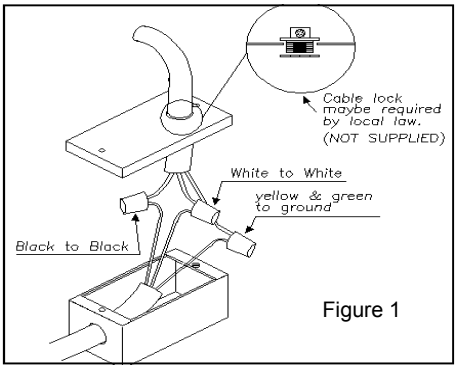


Figure 1

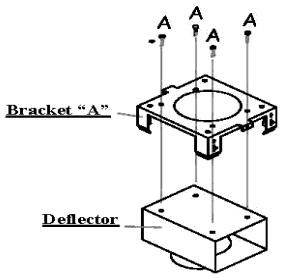
Re-Circulating Requirements

Fit the carbon filter after the installation is complete – these fit in behind the aluminum grease filter. A short length of duct work must be connected from the exhaust outlet up to the deflector (must be purchased with hood).

The deflector connects to the top of Bracket “A” and forces the air out through the grills on the side of the chimney section back into the room.

SCHEMATIC OF MODULAR ISLAND COMPONENTS

Diagram C - Deflector Assembly



Deflector attaches to ceiling mount bracket when island hood is installed in the re-circulating mode and the air that has passed through the fat and carbon filters is returned to the room via a short length of 6” round duct-work attached to the power unit and deflector

Diagram B - Securing Bracket “A” to “B”

Please note - this is critically important - do not rely on the spring clips

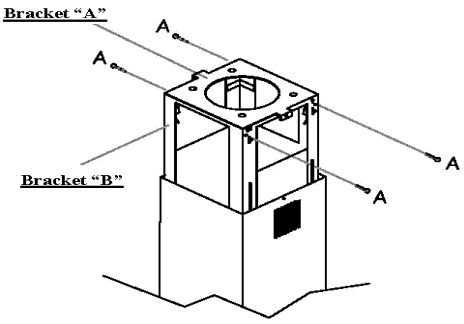
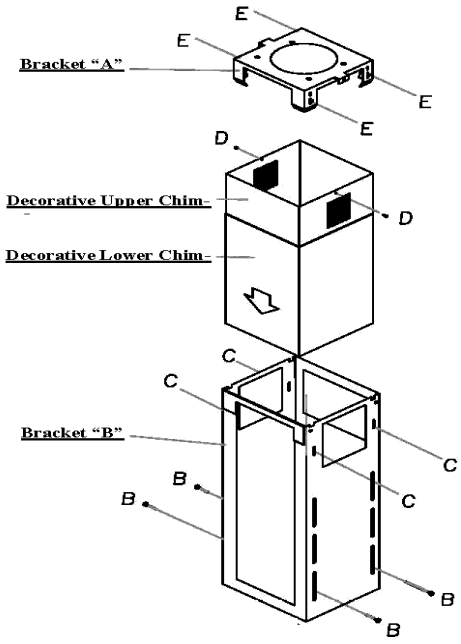
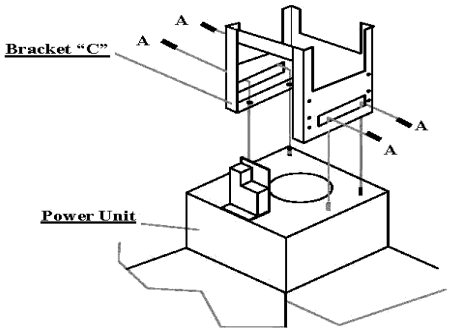


Diagram A - Main Assembly





OPERATING PROCEDURES

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

General Advice

Ensure that the grease filters are in place. Without these components, operating blowers could catch on to hair, fingers and loose clothing. Keep fan, filters and surfaces clean of grease and fat. Always turn hood fan ON when cooking. NEVER leave cooking unattended.

NEVER dispose cigarette ashes, ignitable substances or any foreign objects into blowers.

Cooking that generates flame is not recommended as this hood is equipped with a thermal overload that will shut down the motor if it senses excessive heat. When frying, oil in the pan can easily overheat and ignite. Heat oil slowly in an appropriately sized pot (covering the entire burner) to reduce the risk of boiling over and burning

In the event of a range top grease fire, observe the following:

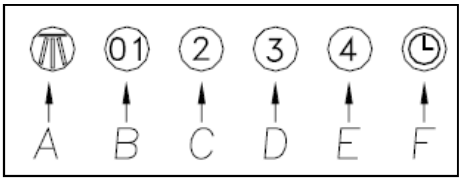
Switch OFF the range hood. Turn off the cook top then smother flames with a close fitting lid, cookie sheet or other metal tray. If the flames do not go out immediately.

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, as a violent steam explosion may occur.

Functions

Classical Island Range Hood – Mechanical push buttons:
A: Light ON/OFF button
B: Blower Speed 1 (low) or OFF
C: Blower Speed 2 (medium)
D: Blower Speed 3 (high)
E: Blower Speed 4 (intensive)
F: 10 Minute Timer



Filter requires washing indicator: after 30 hours of use, all the buttons will light up to remind you that the grease filter should be cleaned. Follow the instructions for cleaning filters in this booklet. Once the grease filters have been cleaned and replaced, reset by pressing the timer button (F). Do not rely solely on this indicator. Generally, the grease filter should be washed on a regular basis to avoid grease filter fires.

The blower should be turned on for approximately 5 minutes before cooking in order to establish air currents upward through the hood. Use the low speeds for normal use and the higher speeds for strong odors and fumes.