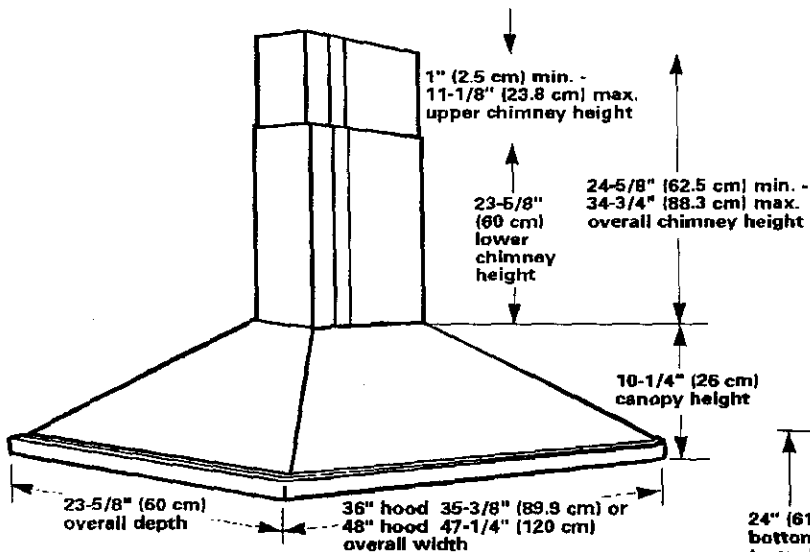
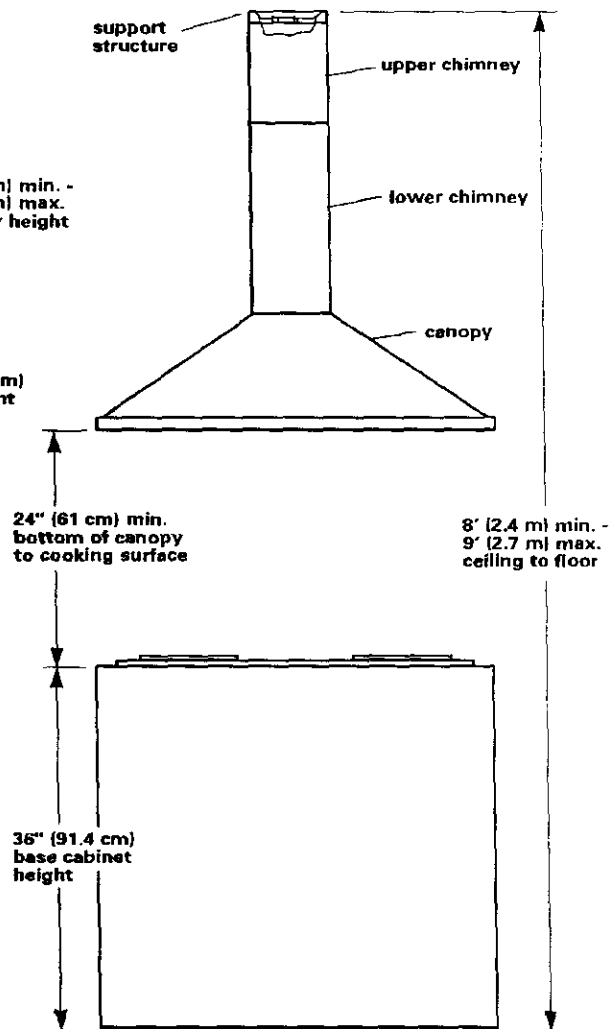


Product dimensions



Cabinet dimensions



Venting requirements

Vent system must terminate to the outside.

Do not terminate the vent system in an attic or other enclosed area.

Do not use 4" (10.2 cm) laundry-type wall caps.

Use metal vent only. Rigid metal vent is recommended. Do not use plastic or metal foil vent.

For the most efficient and quiet operation:

- It is recommended that the range hood be vented vertically through the roof through 9" (22.9 cm) round metal ventwork.
- The size of the vent should be uniform.
- Use no more than three 90° elbows.
- Make sure there is a minimum of 24" (61 cm) of straight vent between the elbows if more than one elbow is used.
- Do Not install two elbows together.
- The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.
- The vent system must have a damper. If roof or wall cap has a damper, Do Not use damper supplied with the range hood.
- Use duct tape to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.

Determine which venting method is best for your application and follow "Preparation" under "Installation steps" on Page 5.

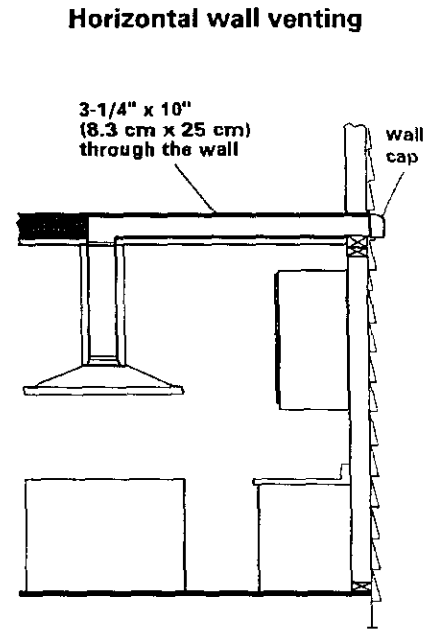
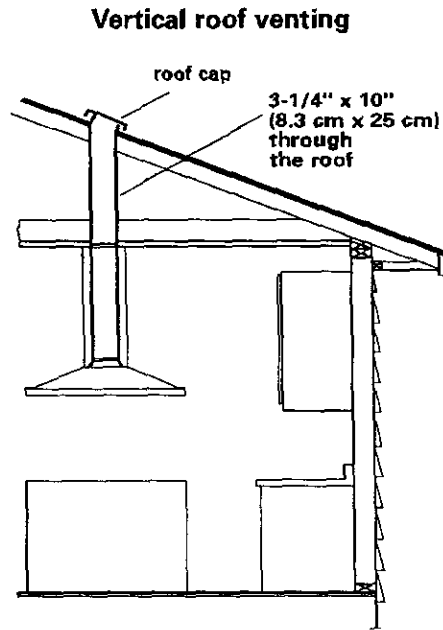
Venting methods

This island canopy range hood is factory set for venting through the roof or wall. For non-vented (recirculating) installations, see "Non-Vented (Recirculating) Kits" on back page.

Vent system needed for installation is not included. 3-1/4" x 10" (8.3 cm x 25 cm) rectangular, 7" (17.8 cm) round, 8" (20.3 cm) round or 9" (22.9 cm) round vent may be used. The hood exhaust opening is 3-1/4" x 10" (8.3 cm x 25 cm).

Ventwork can terminate either through the roof or wall. To vent through a wall, a 90° elbow is needed.








The vent system length should not exceed the lengths shown in the chart below.

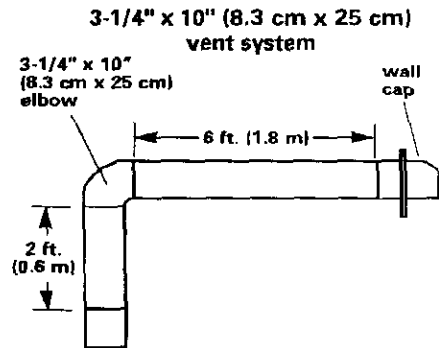


Vent size	Maximum length
3-1/4" x 10" (8.3 cm x 25 cm)	35 ft. (10.7 m)
7" (17.8 cm) round	40 ft. (12.2 m)
8" (20.3 cm) round	50 ft. (15.2 m)
9" (22.9 cm) round	60 ft. (18.3 m)

Calculating the vent system length

To calculate the length of the system you need, add the equivalent feet for each vent piece used in the system.

Vent Piece	3-1/4" x 10" (8.3 cm x 25 cm) Rectangular	7" (17.8 cm), 8" (20.3 cm) or 9" (22.9 cm) Round
45° elbow	7.0 feet (2.1 m) 	2.5 feet (0.8 m) 
90° elbow	5.0 feet (1.5 m) 	5.0 feet (1.5 m) 
90° flat elbow	12.0 feet (3.7 m) 	
transition to round	5.0 feet (1.5 m) 	
wall cap	0.0 feet (0.0 m) 	



- Maximum length = 35 ft. (10.7 m)
- 1 — 90° elbow = 5 ft. (1.5 m)
- 8 ft. (2.4 m) straight = 8 ft. (2.4 m)
- 1 — wall cap = 0 ft. (0 m)
- Length of 3-1/4" x 10" (8.3 cm x 25 cm) system = 13 ft. (4 m)

Note: Flexible vent is Not recommended.

If it is used, each foot of flexible vent used is equivalent to two feet (61 cm) of straight metal vent when calculating the vent system length. (Example: A flexible elbow equals two standard elbows.)

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.

A 120-volt, 60 Hz, AC-only, fused electrical supply is required on a

separate 15-amp circuit, fused on both sides of the line.

Do not ground to a gas pipe.

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

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

IMPORTANT:
Save Installation Instructions for electrical inspector's use.

The range hood must be connected with copper wire only.

The range hood should be connected directly to the fused disconnect (or circuit breaker) box through flexible armored or nonmetallic sheathed copper cable. A U.L.- or C.S.A.- listed strain relief must be provided at each end of the power

supply cable. Wire sizes (COPPER WIRE ONLY) and connections must conform with the rating of the appliance as specified on the model/serial rating plate.

Wire sizes must conform to the requirements of the 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.

A U.L.- or C.S.A.- listed conduit connector must be provided at each end of the power supply cable (at the range hood and at the junction box).

Copies of the standards listed may be obtained from:

* National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

** Canadian Standard Association
178 Rexdale Boulevard
Etobicoke (Toronto), Ontario M9W 1R3

Installation steps

Preparation

Because of the size and weight of this island canopy hood, the support system must be securely attached to the ceiling.

- For plaster or sheet rock ceilings, the support must be attached to joists.
- If this is not possible, you must build a support structure behind the plaster or sheet rock.

Do Not cut a joist or stud unless absolutely necessary. If a joist or stud must be cut, then a supporting frame must be constructed.

Before making cutouts, make sure there is proper clearance within the ceiling or wall for exhaust vent.

1. Put a thick, protective covering over countertop, cooktop or range to protect from damage or dirt. Select a flat surface for assembling the unit. Cover that surface with a protective covering and place all hood parts and hardware on it.

2. Determine and mark the centerline on the ceiling where the range hood will be installed.

3. Using the mounting template, mark the location of the support mounting bracket holes, vent cutout (if used) and power supply cable cutout on the ceiling. Use 1-1/4" (3.2 cm) drill and saber saw or keyhole saw to cut openings for power supply cable and vent. (See "Venting requirements" and "Electrical requirements," Pages 3-5.

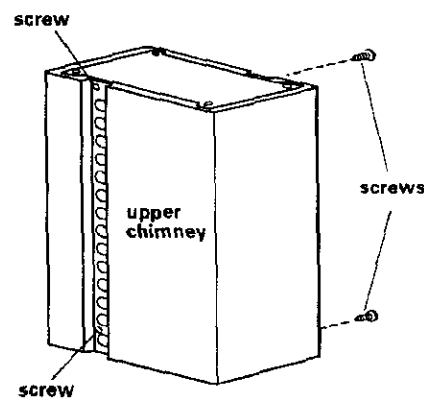
4. If venting to the outside install vent system. (See "Venting requirements", Page 3.) Use caulking to seal exterior wall or roof openings.

5. Run wiring through ceiling according to the National Electrical Code or CSA Standards and local codes and ordinances. There must be enough power supply cable from the fused disconnect (or circuit breaker) box to make the connections in the hood's terminal box.

Do Not turn on power until installation is completed.

Use caulking to seal all openings.

Installation

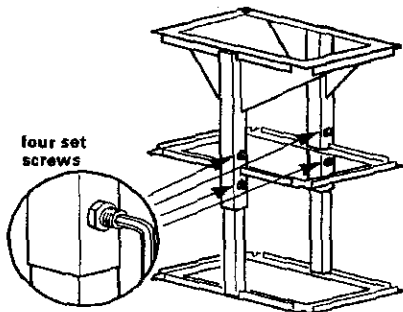


6. Remove the four screws on the upper chimney and disassemble chimney pieces from support frame.

7. Align support mounting bracket with holes in ceiling. Attach support system frame to ceiling using anchors recommended for your type of ceiling:

- **Concrete ceiling** — use inserts and screws provided.
- **Wood ceiling** — use 4" (10.2 cm) long wood screws.
- **Plaster or sheet rock ceiling** — attach support mounting bracket to ceiling joists if possible. If ceiling joists are not available, you must build a supporting structure behind the plaster or sheet rock.

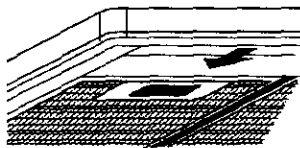
Make sure the support is connected firmly to ceiling.



8. Determine the height of the canopy. The range hood requires at least 24" (61 cm) of clearance between bottom of range hood canopy and cooking surface.

The bottom of the canopy will be approximately 9" (22.9 cm) below the bottom of the support system. To change the canopy height, loosen the four set screws on the support frame. Adjust support frame to the desired length and tighten all four set screws firmly in place before attaching canopy.

If used, attach the vent damper to the inside bottom of the chimney support frame. Make sure damper opens to outside.

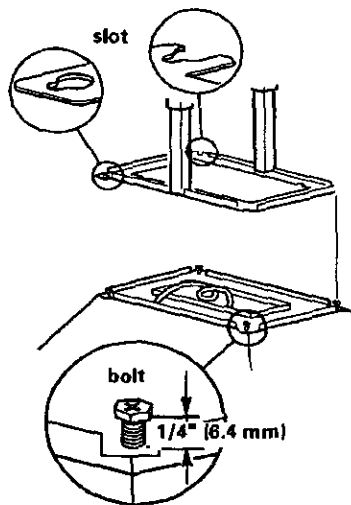


9. Press on handle in front of filters to release filters from range hood canopy. Remove filters and set aside.

10. Remove the terminal box cover from the range hood. Remove the power supply cable knockout using a flat-blade screwdriver. Do not remove optional remote blower knockout. Attach conduit connector into power supply cable opening so that conduit connector clamping screws are inside the terminal box.

⚠ WARNING

Excessive Weight Hazard
Use two or more people to move and install island canopy hood. Failure to do so can result in back or other injury.



11. Loosen four bolts located next to exhaust opening so that there is approximately 1/4" (6.4 mm) space between bolt head and canopy. Lift canopy and insert bolts into support system frame. Tighten bolts to support system frame and canopy.

Electrical connection

⚠ WARNING

Electrical Shock Hazard
Disconnect power before making electrical connections. Connect ground wire to green ground screw in terminal box. Failure to do so can result in death or electrical shock.

12. Make electrical connection:

- ✓ Disconnect power supply.
- ✓ Feed enough power supply cable through conduit connector to make electrical connections.
- ✓ Connect the power supply cable to hood terminal box through the U.L.- or C.S.A.-listed conduit connector.
- ✓ Connect the white wire of the power supply cable with the white lead in the hood using a twist-on connector; connect the black wire of the power supply cable with the black lead in the hood using a twist-on connector.
- ✓ Connect the power supply green (green and yellow) ground wire under the green, ground screw.
- ✓ Tighten conduit connector screws.
- ✓ Replace the terminal box cover.