**PRODUCT MODEL NUMBERS**

KXW2330Y  KXW2336Y

**Electrical Requirements:**

- A 120 volt, 60 Hz., AC only, 15-amp, fused electrical circuit is required.
- If the house has aluminum wiring, follow the procedure below:
  1. Connect a section of solid copper wire to the pigtail leads.
  2. Connect the aluminum wiring to the added section of copper wire using special connectors and/or tools designed and UL listed for joining copper to aluminum.

Follow the electrical connector manufacturer’s recommended procedure. Aluminum/copper connection must conform with local codes and industry accepted wiring practices.

**CABINET OPENING DIMENSIONS**

![Diagram of cabinet opening dimensions](image)

*For non-vented (recirculating) installations

**IMPORTANT:**

Minimum distance "X": 24" (61.0 cm) from electric cooking surface.

Minimum distance "X": 27" (68.6 cm) from gas cooking surfaces.

Suggested maximum distance "X": 36" (91.4 cm)

The chimneys can be adjusted for different ceiling heights. See the following chart.

<table>
<thead>
<tr>
<th>Vented Installations</th>
<th>Min. ceiling height</th>
<th>Max. ceiling height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cooking surface</td>
<td>7' 5&quot; (2.26 m)</td>
<td>9' 2&quot; (2.79 m)</td>
</tr>
<tr>
<td>Gas cooking surface</td>
<td>7' 8&quot; (2.34 m)</td>
<td>9' 2&quot; (2.79 m)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-vented (recirculating) Installations</th>
<th>Min. ceiling height</th>
<th>Max. ceiling height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cooking surface</td>
<td>7' 5&quot; (2.26 m)</td>
<td>9' 6&quot; (2.9 m)</td>
</tr>
<tr>
<td>Gas cooking surface</td>
<td>7' 8&quot; (2.34 m)</td>
<td>9' 6&quot; (2.9 m)</td>
</tr>
</tbody>
</table>

**NOTE:** The range hood chimneys are adjustable and designed to meet varying ceiling or soffit heights depending on the distance "X" between the bottom of the range hood and the cooking surface. For higher ceilings, a Stainless Steel Chimney Extension Kit Part Number W10337357 is available from your dealer or an authorized parts distributor. The chimney extension replaces the upper chimney shipped with the range hood.

**VENTING REQUIREMENTS**

- Vent system must terminate to the outdoors, except for non-vented (recirculating) installations.
- Do not terminate the vent system in an attic or other enclosed area.
- Do not use 4" (10.2 cm) laundry-type wall cap.
- Use metal vent only. Rigid metal vent is recommended. Plastic or metal foil vent is not recommended.
- The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.

**For the most efficient and quiet operation:**

- Use no more than three 90° elbows.
- Make sure there is a minimum of 24" (61.0 cm) of straight vent between the elbows if more than 1 elbow is used.
- Do not install 2 elbows together.
- Use clamps to seal all joints in the vent system.
- The vent system must have a damper. If the roof or wall cap has a damper, do not use the damper supplied with the range hood.
- Use caulking to seal exterior wall or roof opening around the cap.
- The size of the vent should be uniform.

**Cold Weather Installations**

An additional back draft damper should be installed to minimize backward cold air flow and a thermal break should be installed to minimize conduction of outside temperatures as part of the vent system. The damper should be on the cold air side of the thermal break.

The break should be as close as possible to where the vent system enters the heated portion of the house.

**Makeup Air**

Local building codes may require the use of makeup air systems when using ventilation systems greater than specified CFM of air movement. The specified CFM varies from locale to locale. Consult your HVAC professional for specific requirements in your area.
Venting Methods
This canopy hood is factory set for venting through the roof or wall. A 6" (15.2 cm) round vent system is needed for installation (not included). The hood exhaust opening is 6" (15.2 cm) round.

NOTE: Flexible vent is not recommended. Flexible vent creates back pressure and air turbulence that greatly reduce performance.

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

Rear discharge
A 90° elbow may be installed immediately above the hood.

For Non-Vented (recirculating) Installations
If it is not possible to vent cooking fumes and vapors to the outside, the hood can be used in the non-vented (recirculating) version, using a Recirculation Kit (which includes charcoal filters and a deflector). To order, see the “Assistance or Service” section.

Calculating Vent System Length
To calculate the length of the system you need, add the equivalent feet (meters) for each vent piece used in the system.

<table>
<thead>
<tr>
<th>Vent Piece</th>
<th>6&quot; (15.2 cm) Round</th>
</tr>
</thead>
<tbody>
<tr>
<td>45° elbow</td>
<td>2.5 ft (0.8 m)</td>
</tr>
<tr>
<td>90° elbow</td>
<td>5.0 ft (1.5 m)</td>
</tr>
</tbody>
</table>

Maximum equivalent vent length is 35 ft (10.7 m).

Example vent system

The following example falls within the maximum recommended vent length of 35 ft (10.7 m).

<table>
<thead>
<tr>
<th>Component</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 90° elbow</td>
<td>5.0 ft (1.5 m)</td>
</tr>
<tr>
<td>1 - wall cap</td>
<td>0.0 ft (0.0 m)</td>
</tr>
<tr>
<td>8 ft (2.4 m) straight</td>
<td>8.0 ft (2.4 m)</td>
</tr>
<tr>
<td>Length of system</td>
<td>13.0 ft (3.9 m)</td>
</tr>
</tbody>
</table>

Calculating Vent System Length

Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice.