**Range Hood - 36" (91.4 cm) and 48" (121.9 cm)**

**PRODUCT MODEL NUMBERS**

| KXW9736Y | KXW9748Y |

**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**

**IMPORTANT:**

Minimum distance "X": 24" (61 cm) from electric cooking surfaces

Minimum distance "X": 30" (76.2 cm) from gas cooking surfaces

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

**VENTING REQUIREMENTS**

- Vent system must terminate to the outdoors.
- 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. 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 caulk to seal exterior wall or roof opening around the cap.
- The size of the vent should be uniform.

**Venting Methods**

**Typical Internal Blower Motor System Venting Installations**

A 10" (25.4 cm) round vent system is needed for installation (not included). The range hood exhaust opening is 10" (25.4 cm) round.

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

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Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice. Dimensions are for planning purposes only. For complete details, see installation instructions packed with product. Specifications subject to change without notice.
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>Equivalent Length</th>
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</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>

The maximum equivalent vent lengths are:
10" (25.4 cm) round vent - 60 ft (18.3 m)

Example vent system

The following example falls within the maximum recommended vent length.

- 1 - 90° elbow = 5.0 ft (1.5 m)
- 1 - wall cap = 0.0 ft (0.0 m)
- 8 ft (2.4 m) straight = 8.0 ft (2.4 m)

Length of system = 13.0 ft (3.9 m)