KitchenAid® Microwave Hood Combination

PRODUCT MODEL NUMBERS

KMHC319E KMHP519E KMHS120E

ELECTRICAL REQUIREMENTS

Required:

- A 120 volt, 60 Hz, AC only, 15- or 20-amp electrical supply with a fuse or circuit breaker.

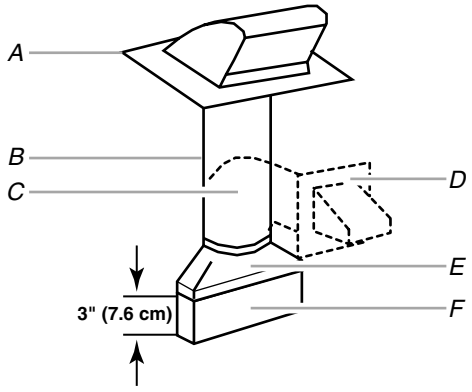
Recommended:

- A time-delay fuse or time-delay circuit breaker.
- A separate circuit serving only this microwave oven.

VENTING REQUIREMENTS

Rectangular to Round Transition:

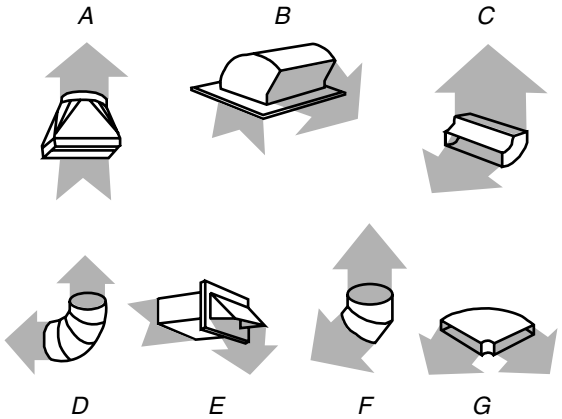
NOTE: The minimum 3" (7.6 cm) clearance must exist between the top of the microwave oven and the rectangular to round transition piece so that the damper can open freely and fully.



A. Roof cap
B. 6" (15.2 cm) min. diameter round vent
C. Elbow (for wall venting only)
D. Wall cap
E. 3¼" x 10" to 6" (8.3 x 25.4 cm to 15.2 cm) rectangular to round transition piece
F. Vent extension piece, at least 3" (7.6 cm) high

Recommended Standard Fittings

The following length equivalents are for use when figuring vent length. See the examples in "Recommended Vent Length."



A. Rectangular to round transition piece: 3¼" x 10" to 6" = 5 ft (8.3 x 25.4 cm to 15.2 cm = 1.5 m)
B. Roof cap: 3¼" x 10" = 24 ft (8.3 x 25.4 cm = 7.3 m)
C. 90° elbow: 3 " x 10" = 25 ft (8.3 x 25.4 cm = 7.6 m)
D. 90° elbow: 6" = 10 ft (15.2 cm = 3 m)
E. Wall cap: 3¼" x 10" = 40 ft (8.3 x 25.4 cm = 12.2 m)
F. 45° elbow: 6" = 5 ft (15.2 cm = 1.5 m)
G. 90° flat elbow: 3¼" x 10" = 10 ft (8.3 x 25.4 cm = 3 m)

Recommended Vent Length

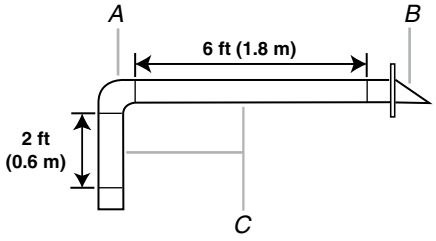
A 3¼" x 10" (8.3 x 25.4 cm) rectangular or 6" (15.2 cm) round vent should be used.

The total length of the vent system including straight vent, elbow(s), transitions and wall or roof caps must not exceed the equivalent of 140 ft (42.7 m) for either type of vent. See "Recommended Standard Fittings" section for equivalent lengths.

For best performance, use no more than three 90° elbows.

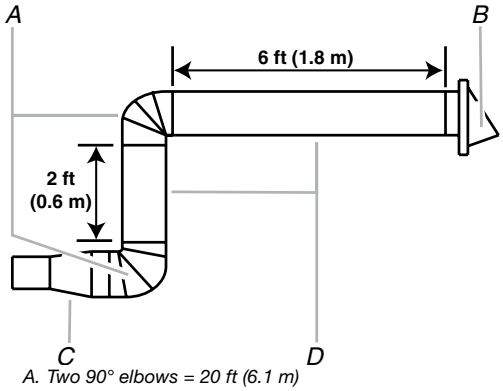
To calculate the length of the system you need, add the equivalent lengths of each vent piece used in the system. See the following examples:

3¼" x 10" (8.3 x 25.4 cm) vent system = 73 ft (22.2 m) total



A. One 3¼" x 10" (8.3 x 25.4 cm) 90° elbow = 25 ft (7.6 m)
B. 1 wall cap = 40 ft (12.2 m)
C. 2 ft (0.6 m) + 6 ft (1.8 m) straight = 8 ft (2.4 m)

6" (15.2 cm) vent system = 73 ft (22.2 m) total



A. Two 90° elbows = 20 ft (6.1 m)
B. 1 wall cap = 40 ft (12.2 m)
C. 1 rectangular to round transition piece = 5 ft (1.5 m)
D. 2 ft (0.6 m) + 6 ft (1.8 m) straight = 8 ft (2.4 m)

If the existing vent is round, a rectangular to round transition piece must be used. In addition, a rectangular 3" (7.6 cm) extension vent between the damper assembly and rectangular to round transition piece must be installed to keep the damper from sticking.

Ref. W10724870A
2/10/15

LOCATION REQUIREMENTS

Special Requirements

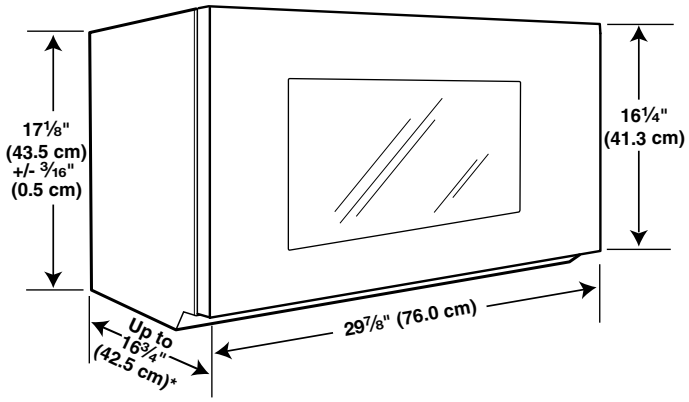
For Wall Venting Installation Only:

- Cutout must be free of any obstructions so that the vent fits properly, and the damper blade opens freely and fully.

For Roof Venting Installation Only:

- If you are using a rectangular to round transition piece, 3" (7.6 cm) clearance needs to exist above the microwave oven so that the damper blade can open freely and fully. See “Rectangular to Round Transition” illustration in “Venting Design Specifications” section.

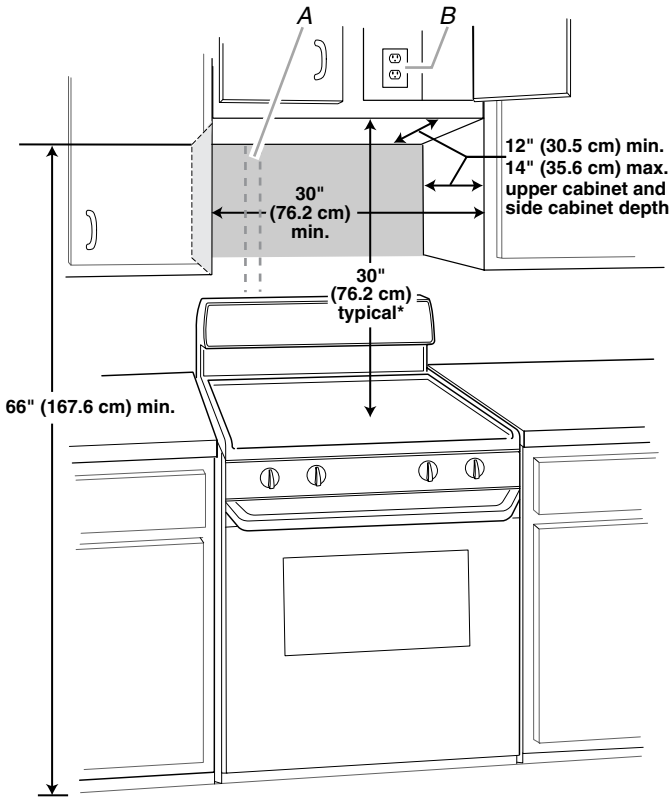
PRODUCT DIMENSIONS



* Overall depth of product will vary slightly depending on door design.

INSTALLATION DIMENSIONS

NOTE: The grounded 3 prong outlet must be inside the upper cabinet. See “Electrical Requirements” section.



A. 2" x 4" (5.1 x 10.2 cm) wall stud
B. Grounded 3 prong outlet

*30" (76.2 cm) is typical for 66" (167.6 cm) installation height. Exact dimension may vary depending on type of range/cooktop below.

Ref. W10724870A
2/10/15