## TMH16XS

Electrical: A $120-$ Volt, $60-\mathrm{Hz}, \mathrm{AC}-\mathrm{only}, 15-$ or 20 -amp fused electrical supply with a fuse or circuit breaker. A time-delay fuse or time-delay circuit breaker is recommended. It is recommended that a separate circuit serving only this microwave oven be provided.

## VENTING REQUIREMENTS

A $3^{1 / 4} \times 10$ " $(8.3 \times 25.4 \mathrm{~cm})$ rectangular or $6^{\prime \prime}(15.2 \mathrm{~cm})$ 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 $140 \mathrm{ft}(42.7 \mathrm{~m})$ for either type of vent. For best performance, use no more than three $90^{\circ}$ elbows.
To calculate the length of the system you need, add the equivalent length for each vent piece used in the system. See the following examples:

A. Rectangular to round transition piece: $3 \frac{1}{4}$ " $\times 10$ " to 6 " $=5 \mathrm{ft}$ ( $8.3 \times 25.4 \mathrm{~cm}$ to $15.2 \mathrm{~cm}=1.5 \mathrm{~m}$ )
B. Roof cap: $3 \frac{1}{4} / 4 \times 10 "=24 \mathrm{ft}(8.3 \times 25.4 \mathrm{~cm}=7.3 \mathrm{~m})$
C. $90^{\circ}$ elbow: $31 / 4 " \times 10^{\prime \prime}=25 \mathrm{ft}(8.3 \times 25.4 \mathrm{~cm}=7.6 \mathrm{~m})$
D. $90^{\circ}$ elbow: $6^{\prime \prime}=10 \mathrm{ft}(15.2 \mathrm{~cm}=3 \mathrm{~m})$
E. Wall cap: $3 \frac{1}{4} " \times 10 "=40 \mathrm{ft}(8.3 \times 25.4 \mathrm{~cm}=12.2 \mathrm{~m})$
F. $45^{\circ}$ elbow: $6^{\prime \prime}=5 \mathrm{ft}(15.2 \mathrm{~cm}=1.5 \mathrm{~m})$
G. $90^{\circ}$ flat elbow: $3 \frac{1}{4} " \times 10 "=10 \mathrm{ft}(8.3 \times 25.4 \mathrm{~cm}=3 \mathrm{~m})$

6" $(15.2 \mathrm{~cm})$ vent system $=73 \mathrm{ft}(22.2 \mathrm{~m})$ total

$3^{1 / 4}$ " $\times 10^{\prime \prime}(8.3 \times 25.4 \mathrm{~cm})$ vent system = $73 \mathrm{ft}(22.2 \mathrm{~m})$ total

A. One $3 \frac{1}{4} / \mathrm{n} \times 10^{\prime \prime}(8.3 \times 25.4 \mathrm{~cm}) 90^{\circ} \mathrm{elbow}=25 \mathrm{ft}(7.6 \mathrm{~m})$
B. 1 wall cap $=40 \mathrm{ft}(12.2 \mathrm{~m})$
C. $2 \mathrm{ft}(0.6 \mathrm{~m})+6 \mathrm{ft}(1.8 \mathrm{~m})$ straight $=8 \mathrm{ft}(2.4 \mathrm{~m})$

## Rectangular to Round Transition for Roof Venting

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. $3 \frac{1}{4}$ " $\times 10$ " to 6 " $(8.3 \times 25.4 \mathrm{~cm}$ to 15.2 cm$)$ rectangular to round transition piece
F. Vent extension piece, at least 3 " $(7.6 \mathrm{~cm})$ high

