ME90H1780RAA

SAMSUNG

1.7 cu. ft. Smart Over-the-Range Microwave with No-Preheat Air Fry Max & Convection



Available Color

Stainless Steel
ME90H1780RAA

Features

- No-Preheat Air Fry Max
- Convection
- Wi-Fi Connectivity and SmartThings Cooking
- Auto Connectivity
- 1.7 cu. ft. Oven Capacity
- 300 CFM Ventilation System
- Sensor Cook
- Voice Control
- Ceramic Enamel Interior
- Glass-Touch Controls
- Slanted Design
- Recessed Handle
- White LED Display
- 10 Power Levels
- Auto Defrost
- Auto Cook
- Steam Clean

Convenience

- Clock (12 hr/24 hr) with Daylight Saving Time Adjustment
- Kitchen Timer
- Reminder End Signal
- Child Lock
- Cooktop Lighting (LED)
- Interior Light (Halogen)
- Vent Fan Control (On/Off/Delay Off)
- Sound On/Off
- Ceramic Enamel Tray (Included)
- Pure Steam Bowl (Included)
- Air Fry Max Tray (Sold Separately)

Specifications

- Oven Cavity: 1.7 cu. ft.
- Power Output: 950W
- Power Consumption (Microwave): 1700W
- Power Consumption (Max): 1800W
- Power Consumption (Grill): 1100W
- Power Consumption (Convection): 1700W
- Power Consumption (Air Fry): 1800W
- Power Source: 120V/60Hz
- Control Method: Glass Touch
- Display: White LED
- Cooking Control: 10 Power Levels Including Defrost and Sensor Cook
- Cooking Timer: Digital, up to 99 Minutes, 99 Seconds
- Microwave Distribution System: Turntable
- Glass Turntable Diameter: $13\,^{9}/_{16}$"
- Vent Fan: 3-Speed/300 CFM
- Vent Fan Control: High/Mid/Low/Off
- Cooktop Lighting: LED
- Halogen Interior Light

Dimensions

Cavity Dimensions (WxHxD)
Dimensions: $20\,^{1}/_{8}$" x $10\,^{5}/_{16}$" x 14"

Product Dimensions (WxHxD)
Dimensions: $29\,^{7}/_{8}$" x $17\,^{1}/_{16}$" x $16\,^{11}/_{16}$"
Weight: 76.9 lbs

Shipping Dimensions & Weight (WxHxD)
Dimensions: $33\,^{3}/_{8}$" x $20\,^{11}/_{16}$" x $19\,^{3}/_{8}$"
Weight: 90.3 lbs

Warranty

One (1) Year Parts and Labor
Ten (10) Years Parts on Magnetron

UPC

Finish	Model #	UPC Code
Stainless Steel	ME90H1780RAA	198957264160

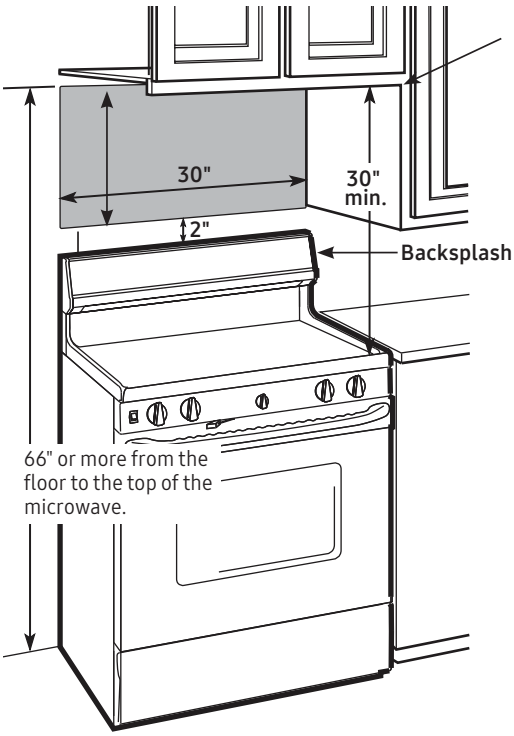
SmartThings

ME90H1780RAA

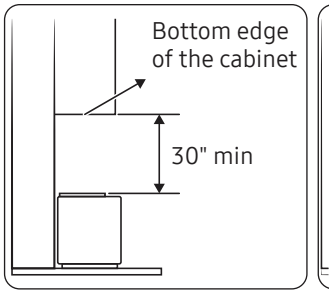
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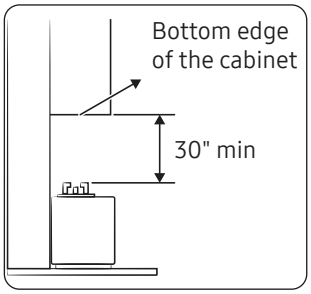
Installation Specifications



Bottom edge of the cabinet needs to be 30" or more from the cooking surface.



ELECTRIC RANGES



GAS RANGES

NOTES:

- The space between the cabinets must be 30" wide and free of obstructions.
- If you are going to vent your microwave oven to the outside, see the Hood Exhaust Section for exhaust duct preparation.
- **If installing the microwave oven beneath smooth, flat cabinets, be careful to follow the instructions on the top cabinet template for power cord clearance.**
- **The dimensions provided are the minimum required for mounting the microwave oven.**
- **Minimum 2" clearance from the top of the range control panel to the bottom of microwave oven.**

FOR EASIER INSTALLATION AND PERSONAL SAFETY, WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN. IMPORTANT: Do not grip or use handle during installation.

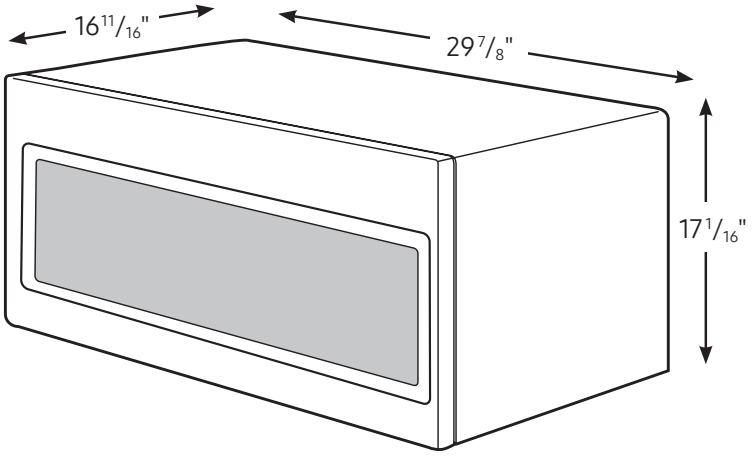
NOTE: If your cabinet is metal, use the nylon grommet around the power cord hole to prevent cutting of the cord.

NOTE: We recommend using filler blocks if the cabinet front hangs below the cabinet bottom shelf.

IMPORTANT: If filler blocks are not used, case damage may occur from overtightening screws.

NOTE: When mounting the microwave oven, thread power cord through hole in bottom of top cabinet. Do not pinch cord or lift oven by pulling cord.

Dimensions



Electrical Requirements

120V/60 Hz

Actual color may vary. Design, specifications, and color availability are subject to change without notice. Non-metric weights and measurements are approximate.
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Ventilation Specifications

Hood Performance

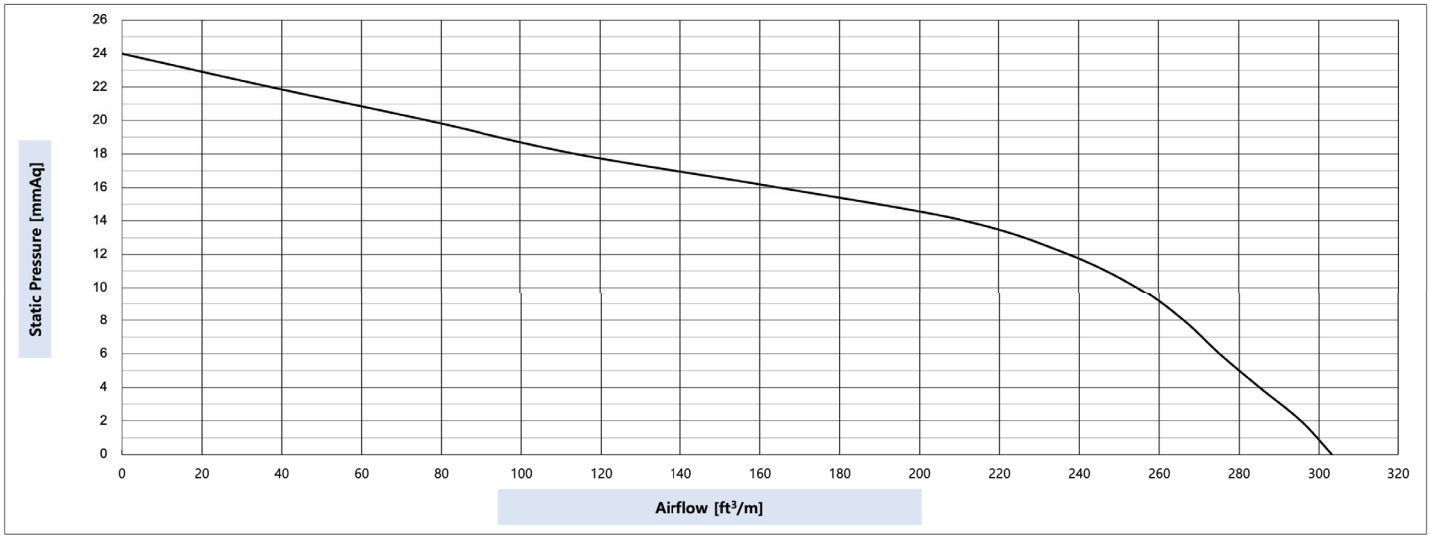
Pressure	0.1 inAq (2.54mmAq)	0.25 inAq = 6.35mmAq
ME90H1780RAA	290 CFM	273 CFM

SP	SP	Airflow
mmAq	inAq	ft³/m
0	0	303.23
2	0.08	295.49
4	0.16	285.09
6	0.24	275.1
8	0.31	266.14
10	0.39	254.58
12	0.47	237.5
14	0.55	211.64
16	0.63	164.65
18	0.71	114.06
20	0.79	76.75
22	0.87	37.38
24	0.94	0

Test Method: Measurements are taken horizontally and pressure is created and measured without using a duct.
Unit Conversion Method: 1 inAq = 25.4mmAq / 0.1 inAq = 2.54mmAq / 0.25 inAq = 6.35mmAq

Fan Curve

P-Q Curve (SMV-360UAL-B3, High Mode)



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