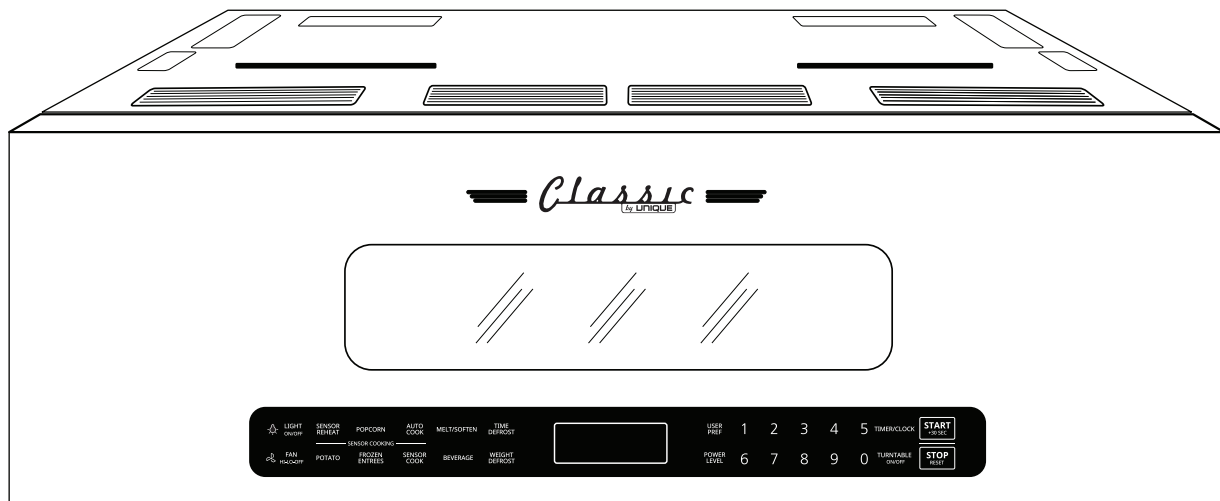


UNIQUE[®]
APPLIANCES

Classic
by UNIQUE

CLASSIC RETRO BY UNIQUE OVER THE RANGE MICROWAVE

MODEL NUMBER: UNQ-30CR OTR T, UNQ-30CR OTR B, UNQ-30CR OTR LG, UNQ-30CR OTR W



UL US
LISTED
54NJ
E3114265

INSTALLATION GUIDE

serial number:

FEB24V1



MANUFACTURED & CERTIFIED BY
Unique Appliances Ltd

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A: Recirculating

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use your microwave

Appliance Information.....

Product Registration

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www.uniqueappliances.com

IMPORTANT SAFETY NOTES

IMPORTANT SAFETY INSTRUCTIONS

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
	This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your microwave	

BEFORE YOU BEGIN

READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY

- **IMPORTANT** - Save these instructions for local inspector's use.
- **IMPORTANT** - Observe all governing codes and ordinances.
- **Note to Installer** - Be sure to leave these instructions with the Consumer.
- **Note to Consumer** - Keep these instructions for future reference.
- **Skill level** - Installation of this appliance requires basic mechanical and electrical skills.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

INSTALLATION INSTRUCTIONS

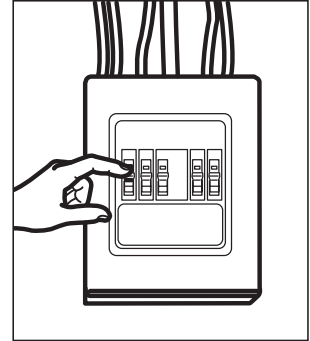
IMPORTANT SAFETY INSTRUCTIONS

GROUNDING

This product requires a three-prong grounded outlet. The installer must perform a ground continuity check on the power outlet box before beginning the installation to ensure that the outlet box is properly grounded. If not properly grounded, or if the outlet box does not meet electrical requirements noted (under ELECTRICAL REQUIREMENTS), a qualified electrician should be employed to correct any deficiencies.



CAUTION: For personal safety, remove house fuse or open circuit breaker before beginning installation to avoid severe or fatal shock injury.



CAUTION: For personal safety, the mounting surface must be capable of supporting the cabinet load, in addition to the added weight of this 63–85 pound (28.5–38.5 kg) product, plus additional oven loads of up to 50 pounds (22.7 kg) or a total weight of 113–135 pounds (51.3–61.2 kg).

CAUTION: For personal safety, this product cannot be installed in cabinet arrangements such as an island or a peninsula. It must be mounted to BOTH a top cabinet AND a wall.

NOTE: For easier installation and personal safety, it is recommended that two people install this product.

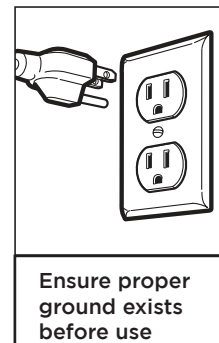
IMPORTANT - PLEASE READ CAREFULLY. FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED TO AVOID SEVERE OR FATAL SHOCK.

The power cord of this appliance is equipped with a three-prong (grounding) plug which mates with a standard three-prong (grounding) wall receptacle to minimize the possibility of electric shock hazard from this appliance.

You should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded. Where a standard two-prong wall receptacle is encountered, it is very important to have it replaced with a properly grounded three-prong wall receptacle, installed by a qualified electrician.



DO NOT, UNDER ANY CIRCUMSTANCES, CUT, DEFORM OR REMOVE ANY OF THE PRONGS FROM THE POWER CORD. DO NOT USE WITH AN EXTENSION CORD.



Ensure proper ground exists before use

ELECTRICAL REQUIREMENTS

Product rating is 120 volts AC, 60 Hertz, 15 amps and 1.6 kilowatts. This product must be connected to a separate and dedicated supply circuit of the proper voltage and frequency. Wire size must conform to the requirements of the National Electrical Code or the prevailing local code for this kilowatt rating. The power supply cord and plug should be brought to a separate and dedicated 15- to 20- ampere branch circuit single grounded outlet. The outlet box should be located in the cabinet above the microwave oven. The outer box and supply circuit should be installed by a qualified electrician and conform to the National Electrical Code or the prevailing local code.

DAMAGE - SHIPMENT/INSTALLATION

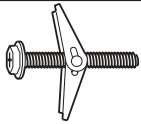
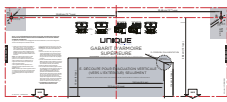
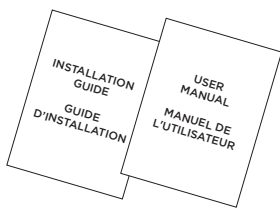
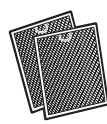
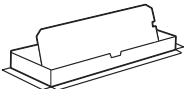
- If the unit is damaged in shipment, return the unit to the store in which it was bought for repair or replacement.
- If the unit is damaged by the customer, repair or replacement is the responsibility of the customer.
- If the unit is damaged by the installer (if other than the customer), repair or replacement must be made by arrangement between customer and installer.

INSTALLATION INSTRUCTIONS (continued)

PARTS INCLUDED

You will find the installation hardware contained in a packet with the unit. Check to make sure you have all these parts.

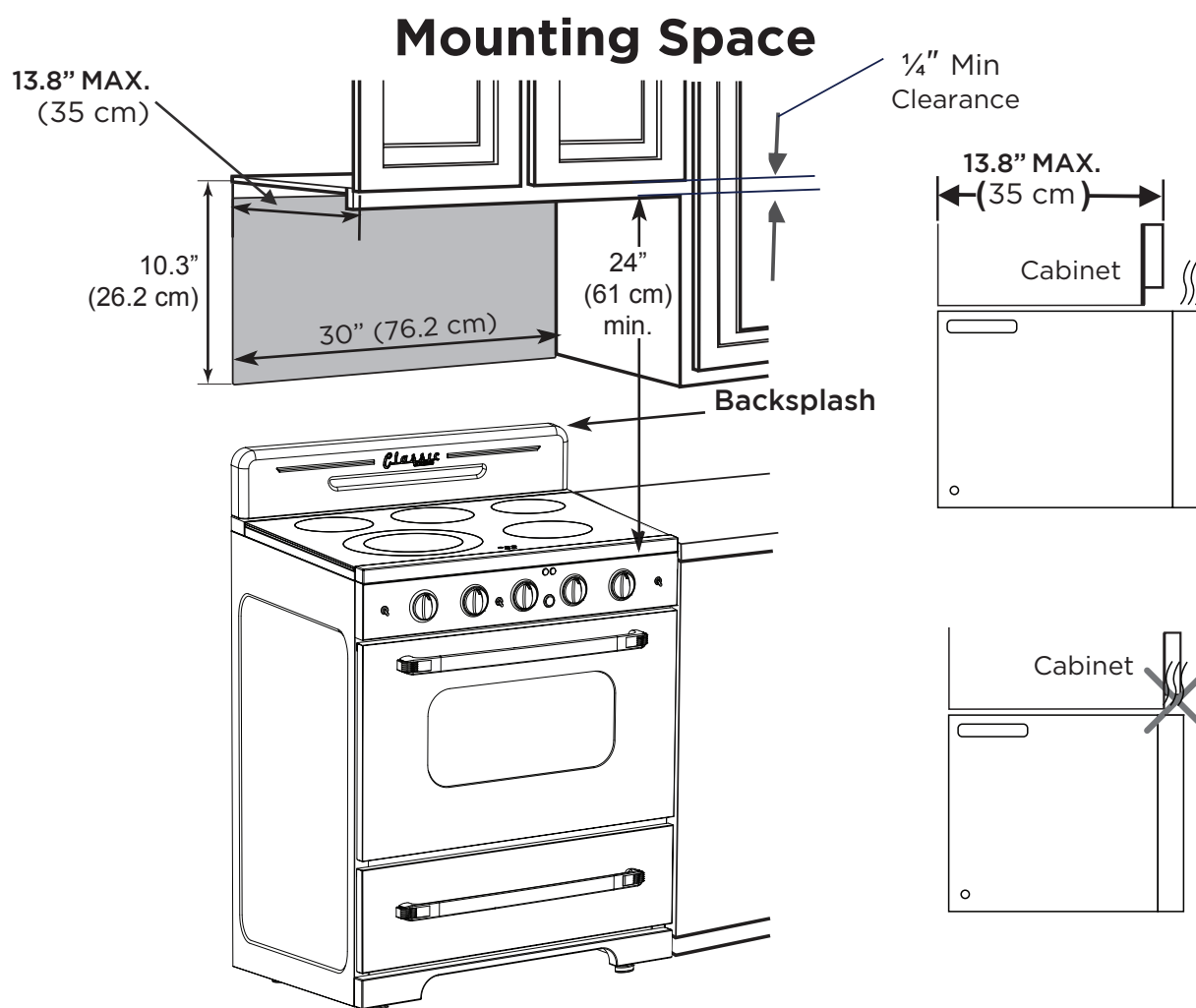
Note: Some extra parts are included

	PART	QUANTITY
	Wood screws ($\frac{1}{4}$ " x 2")	2
	Toggle bolts and wing nuts ($\frac{3}{16}$ " x 3")	2
	Self-aligning machine screws ($\frac{1}{4}$ "-28 x $\frac{3}{4}$ ")	3
	Nylon grommet (for metal cabinets)	1
	Top cabinet template	1
	Rear wall template	1
	Installation instructions	1
	User manual	1
	Grease filters (packed separately)	2
	Exhaust adapter	1
	Glass tray	1
	Turntable Ring	1

INSTALLATION INSTRUCTIONS (continued)

TOOLS YOU WILL NEED

- Tape measure
- Hole saw
- Stud finder or hammer level
- Duct and masking tape
- Scissors
- #1 Phillips screw driver
- Electric drill
- $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " drill bits
- Filler wood blocks for recessed bottom cabinets
- Tin snips



- The space between the cabinets must be 30" (76.2 cm) wide and free of obstructions.
- If you are going to vent your microwave oven to the outside, see Hood Exhaust Section (page 11) for specific exhaust duct preparation.
- When installing the microwave oven beneath smooth, flat cabinets, be careful to follow the instructions on the top cabinet template for power cord clearance.
- If the cabinet depth, including the cabinet doors, is more than 13.8" (35 cm), then the unit must be spaced out from wall using adequate materials supporting 150 lbs to allow proper top vent air exhaust/intake.

INSTALLATION INSTRUCTIONS (continued)

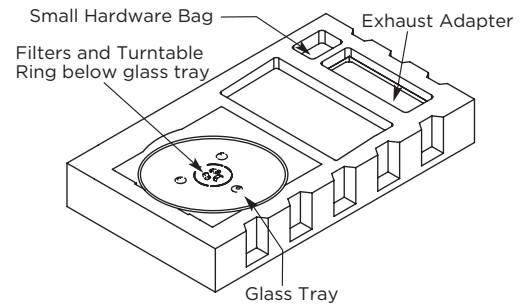
1. PLACEMENT OF THE MOUNTING PLATE

A: Removing the microwave oven from the carton and removing the mounting plate

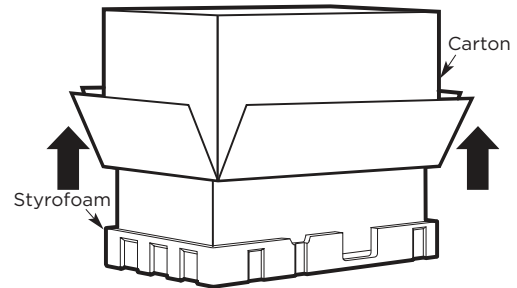
1. Remove the installation instructions, user manual, grease filters, exhaust adapter, glass tray, turntable ring and the small hardware bag. Do not remove the styrofoam protecting the top of the oven.

Please note: Do not remove plastic plug protective cover until just before hanging the unit.

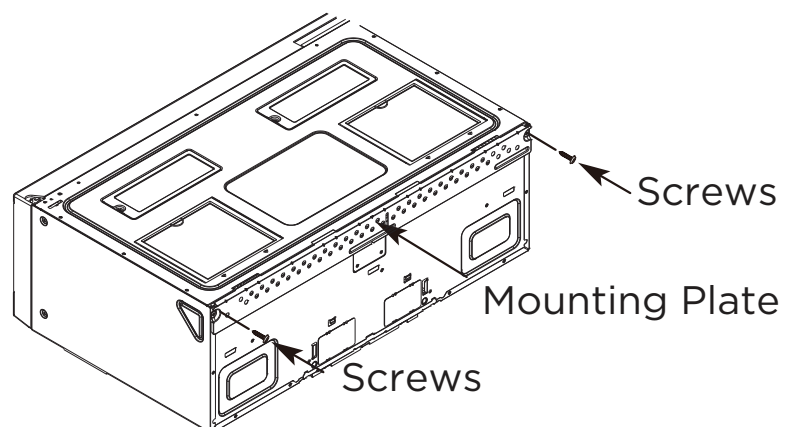
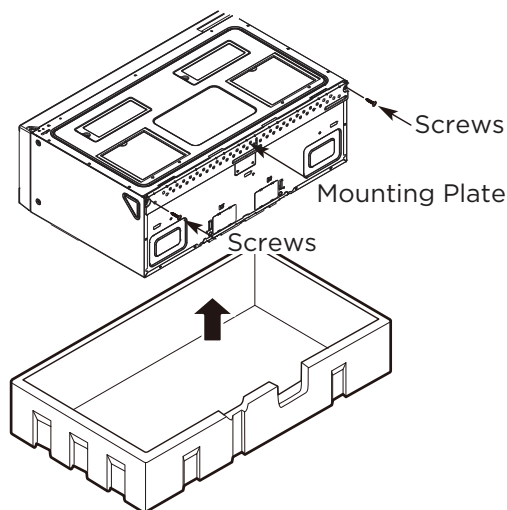
Keep the unit at least 8 inches (20 cm) away from the counter top edge to prevent dropping because of the door weight.



2. Fold back all 4 carton flaps fully against carton sides. Then carefully roll the oven and carton over onto the top side. The oven should be resting in the styrofoam.
3. Pull the carton up and off the oven.
4. Cut the middle of the outer protective plastic bag to remove the mounting plate.



5. Remove the screws from each end of the mounting plate. This plate will be used as the rear wall template and for mounting. Reinstall the screws into the holes where they were removed.

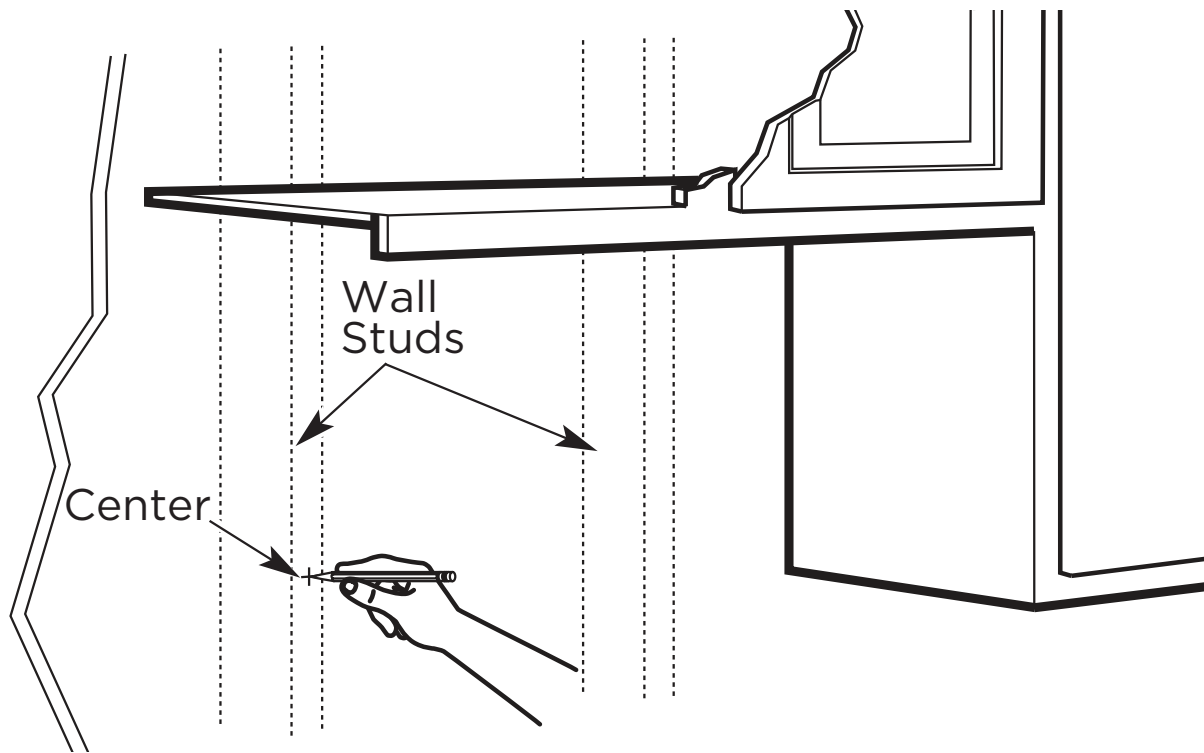


INSTALLATION INSTRUCTIONS (continued)

B: Finding the wall studs

1. Find the studs, using one of the following methods:
 - Stud finding - a magnetic device which locates nails
 - Use a hammer to tap lightly across the mounting surface to find a solid sound. This will indicate a stud location.
2. After locating the stud(s), find the center by probing the wall with a small nail to find the edges of the stud. Then place a mark halfway between the edges. The center of any adjacent studs should be 16" (40.6 cm) or 24" (61 cm) from this mark.
3. Draw a line down the center of the studs.

IMPORTANT: THE MICROWAVE MUST BE CONNECTED TO AT LEAST ONE WALL STUD.



INSTALLATION INSTRUCTIONS (continued)

C: Determining the wall plate location under your cabinet

Plate position: beneath a flat bottom cabinet

Draw a vertical line on the wall at the center of the 30" wide space.

Tape the Rear Wall Template onto the wall matching the centerline and touching the bottom of the cabinet.

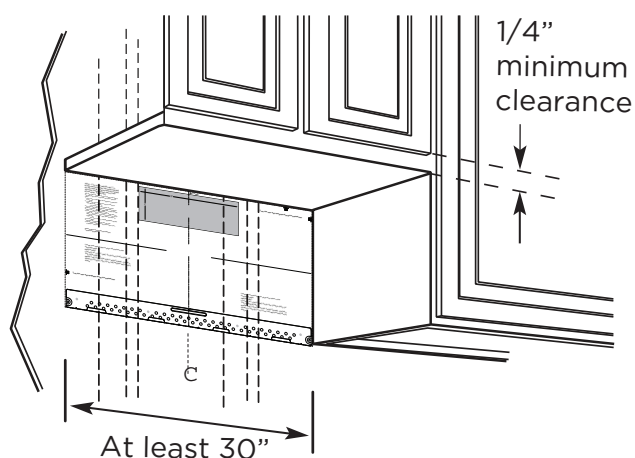


Plate position: beneath a recessed bottom cabinet with a front overhang

Draw a line on the back wall equal to the depth of the front overhang.

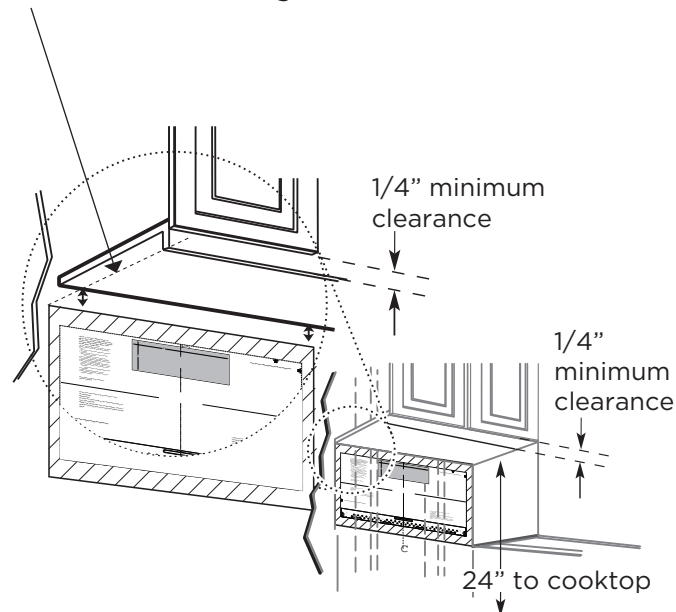
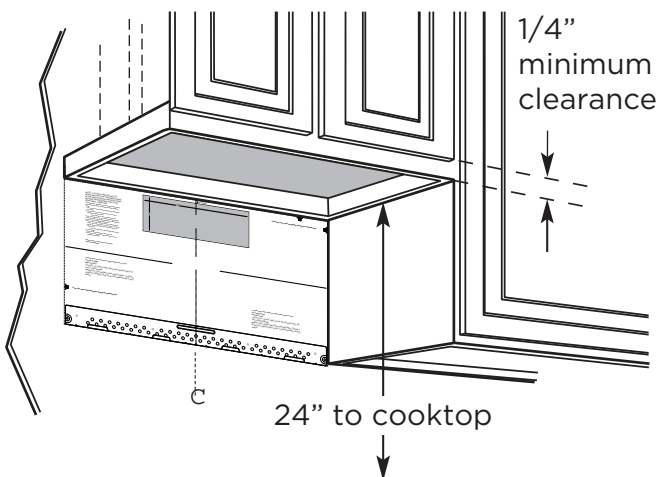


Plate position: beneath a recessed bottom cabinet with a front overhang

Draw a vertical line on the wall at the center of the 30" space.

Tape the Rear Wall Template onto the wall matching the centerline and touching the bottom cabinet frame.



THE MICROWAVE MUST BE LEVEL

Your cabinets may have decorative trim that interferes with the microwave installation. To install your microwave properly, remove decorative trim to ensure the microwave is installed level.

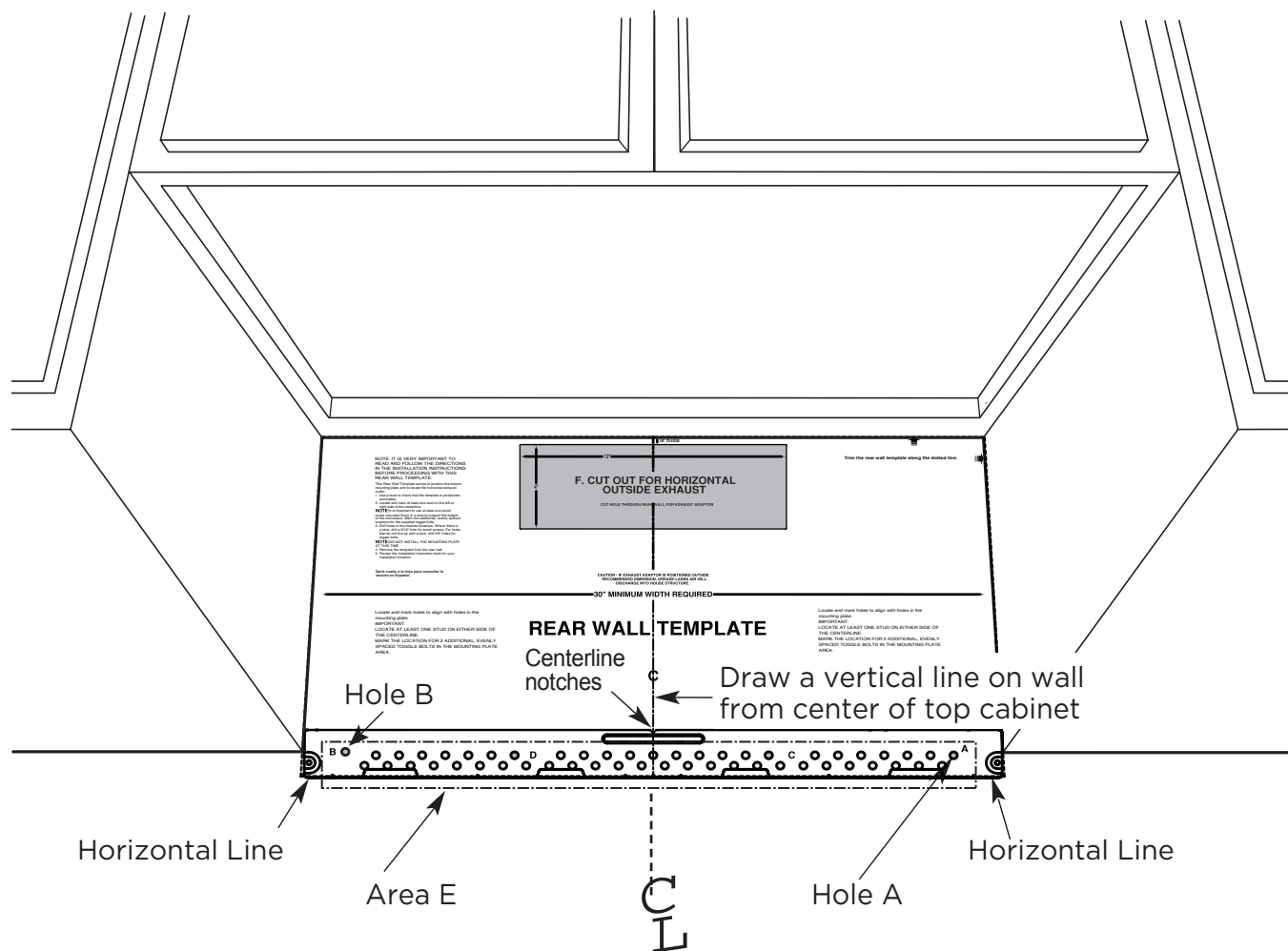
Use a level to make sure the cabinet bottom is level.

If the cabinets have a front overhang only, with no back or side frame, install the mounting plate down the same distance as the front overhang depth to keep the microwave level.

1. Measure the inside depth of the front overhang.
2. Draw a horizontal line on the back wall an equal distance below the cabinet bottom as the inside depth of the front overhang.
3. For this type of installation with front overhang only, align the mounting tabs with this horizontal line, not touching the cabinet bottom as described in step D.

INSTALLATION INSTRUCTIONS (continued)

D: Aligning the wall plate



1. Draw a vertical line on the wall at the center of the 30" wide space.
2. Draw a horizontal line on the wall at the bottom of "Rear Wall Template".
3. Find a wall stud in area "E" of the mounting plate. (Refer to section 1B: "Finding the wall studs".)
4. To attach the mounting plate into a stud, drill a $\frac{3}{16}$ " hole into wood stud. Drill a $\frac{5}{8}$ " hole for toggle bolt in 1 other location (Hole A or Hole B.)

DO NOT MOUNT THE PLATE AT THIS TIME

Note: Holes A and B are inside Area E. If neither of Holes A and B are not in a stud, find a stud somewhere in Area E and draw a circle to line up with the stud. It is important to have **at least one wood screw** mounted **firmly in a stud** to support the weight of the microwave **Set the mounting plate aside.**

INSTALLATION INSTRUCTIONS (continued)

2. INSTALLATION TYPES (Choose A, B or C)

This microwave oven is designed for adaptation to the following three types of ventilation:

- A. Recirculating (Non-Vented Ductless)
- B. Outside Back Exhaust (Horizontal Duct)
- C. Outside Top Exhaust (Vertical Duct)

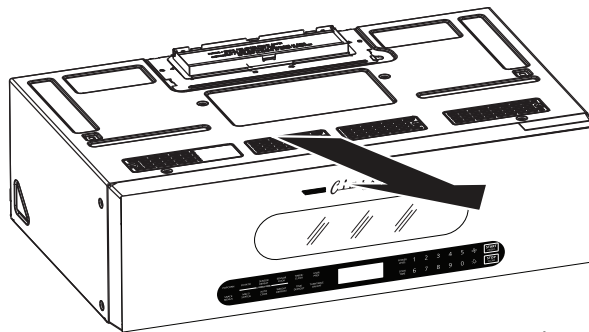
Note: This microwave is shipped assembled for Recirculated.

Select the type of ventilation required for your installation and proceed to that section.

Models are shipped for recirculating exhaust. Some models have a disposable charcoal filter installed to help remove smoke and odors.

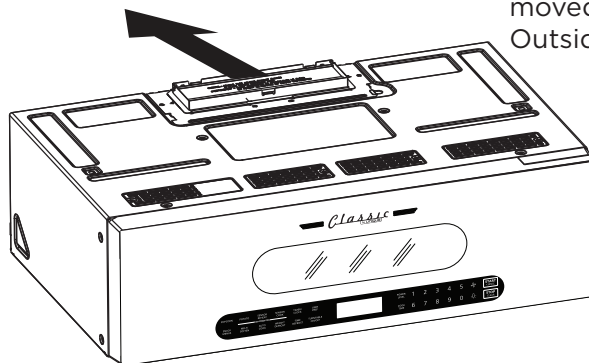
A. Recirculating (non-venting ductless)

See page 12 for instructions



B. Outside Back Exhaust (horizontal duct)

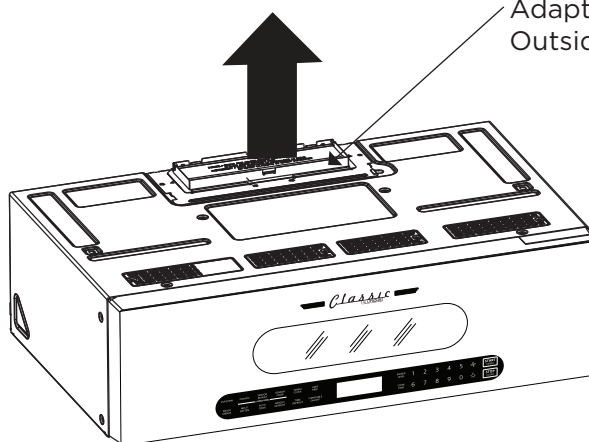
See page 18 for instructions



Adapter must be moved to the back for Outside Back Exhaust

B. Outside Top Exhaust (vertical duct)

See page 22 for instructions



Adapter in place for Outside Top Exhaust

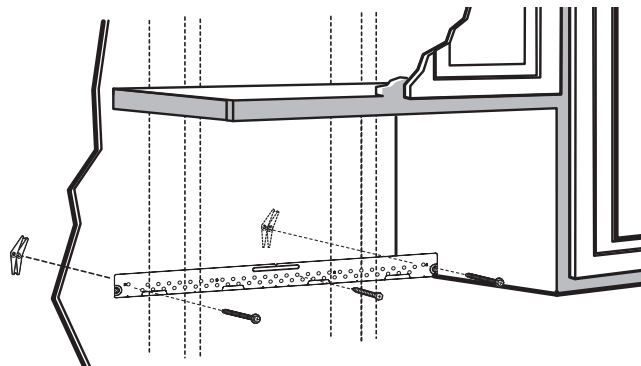
Note: Read pages 14-15 only if you plan to vent your exhaust to the outside. If you plan to recirculate the air back into the room, proceed to page 12.

INSTALLATION INSTRUCTIONS (continued)

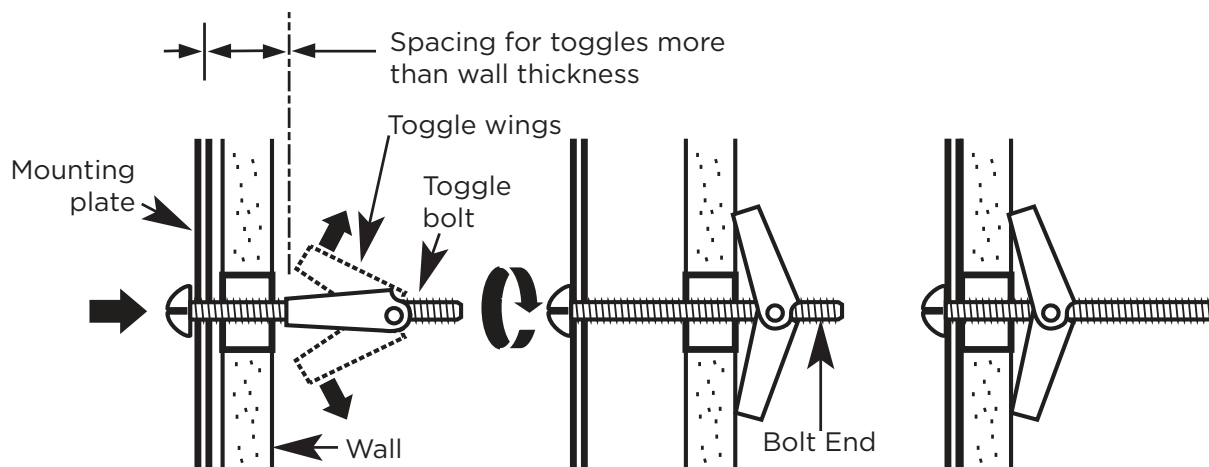
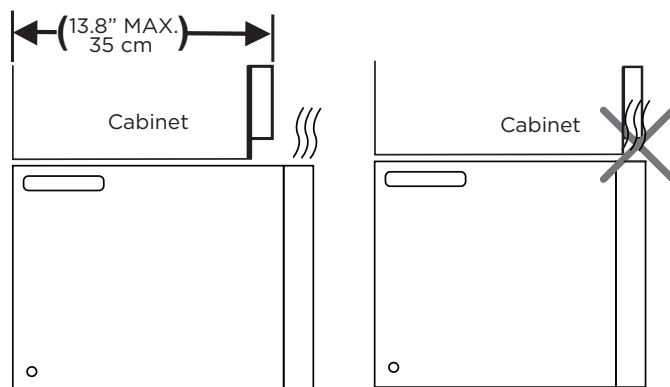
INSTALLATION TYPE A: RECIRCULATING (NON-VENTING DUCTLESS)

A1: Attach the mounting plate to the wall

Attach the plate to the wall using toggle bolts. **At least one wood screw must be used to attach the plate to a wall stud.**



Note: If the cabinet depth including the cabinet doors is more than 13", the unit must be spaced out from wall using adequate materials (that can support 150 lbs) in order to allow proper top vent air exhaust/intake.



1. Remove the toggle wings from the bolts.
2. Insert the bolts into the mounting plate through the holes designated to go into drywall and reattach the toggle wings to $\frac{3}{4}$ " (19 mm) onto each bolt.
3. Place the mounting plate against the wall and insert the toggle wings into the holes in the wall to mount the plate.

Note: Before tightening the toggle bolts and wood screw(s), make sure the bottom of the mounting plate touches the bottom of the cabinet when pushed flush against the wall, and that the plate is properly centered under the cabinet.

CAUTION: Be careful to avoid pinching fingers between the back of the mounting plate and the wall.

4. Tighten all bolts. Pull the plate away from the wall to help tighten the bolts.

INSTALLATION INSTRUCTIONS (continued)

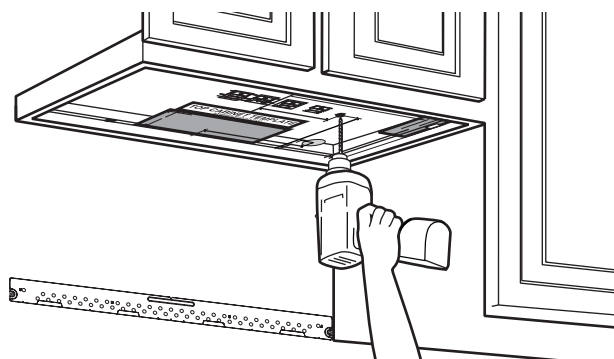
A2: Use top cabinet template for preparation of top cabinet

You need to drill holes for the top support screws and a hole large enough for the power cord to fit through.

- Read the instructions on the TOP CABINET TEMPLATE.
- Tape it underneath the top cabinet.

Note: Adjust top template accordingly if the microwave is being spaced out from the wall due to cabinet depth (including cabinet doors) of more than 13".

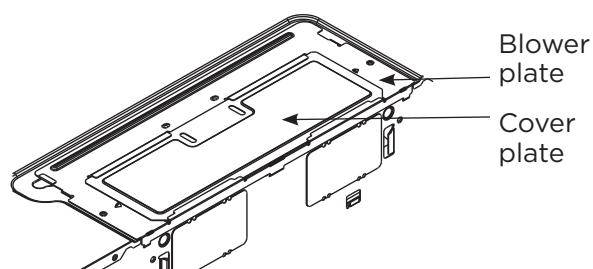
- Drill the holes, following the instructions on the TOP CABINET TEMPLATE.



CAUTION: Wear safety goggles when drilling holes in the cabinet bottom.

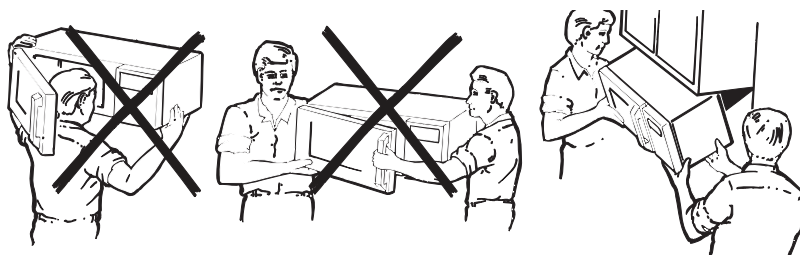
A3: Check blower plate

- Place the microwave in its upright position, with the top of the unit facing up.
- Check to see that the blower plate and cover plate are correctly installed on the unit.



A4: Mounting the microwave oven

FOR EASIER INSTALLATION AND PERSONAL SAFETY, **WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN.**



IMPORTANT: Do not grip or use the handle or heat shield during installation. Do not remove the cardboard spacers between the heat shield and door.

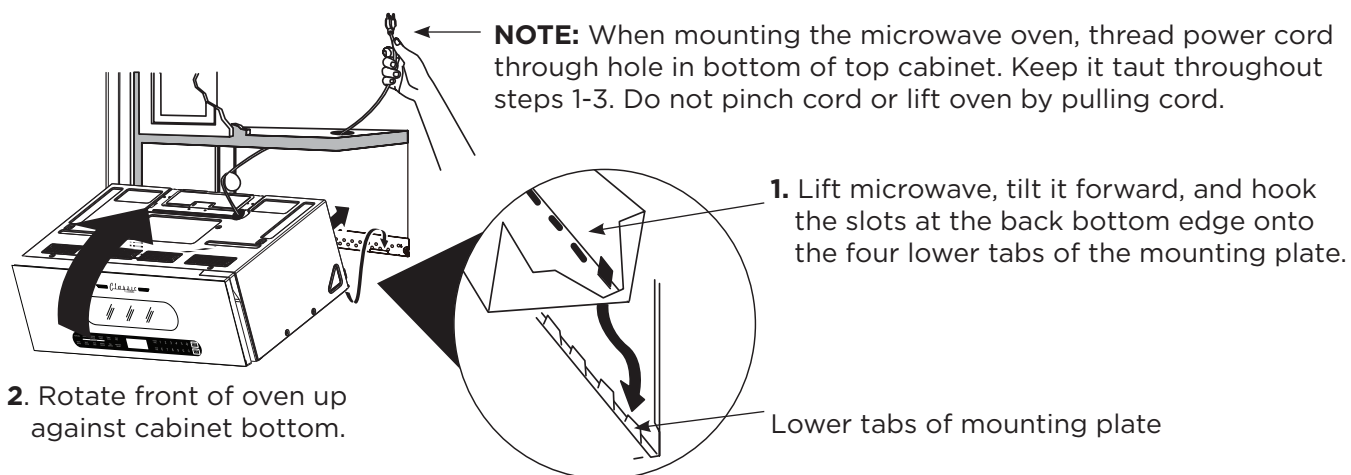
NOTE: If your cabinet is metal, use the nylon grommet around the power cord hole to prevent cutting/abrasion of the cord.

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

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

INSTALLATION INSTRUCTIONS (continued)

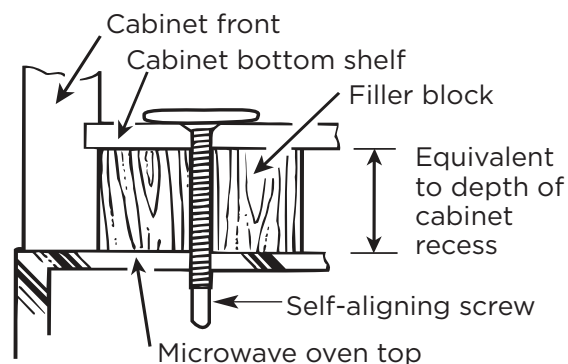
A4: Mounting the microwave oven (continued)



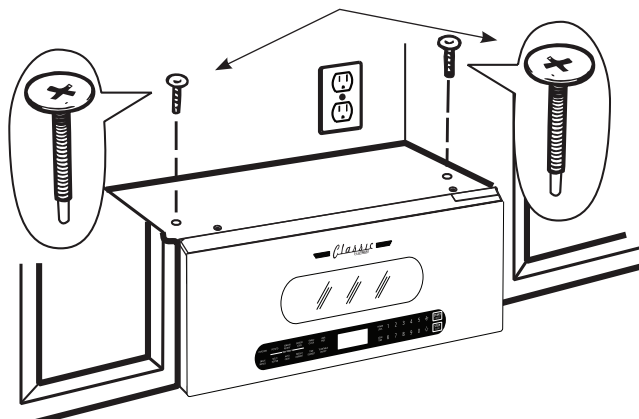
3. Insert a self-aligning screw through the top center cabinet hole. Temporarily secure the oven by turning the screw at least two full turns after the threads have engaged. (It will be completely tightened later.)

Be sure to keep the power cord taut. Be careful not to pinch the cord, especially when mounting flush to the bottom of cabinet.

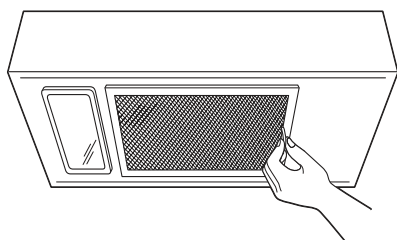
4. Attach the microwave oven to the top cabinet.



5. Insert a self-aligning screws through the outer top cabinet holes. Turn two full turns on each screw.



6. Tighten the outer two screws to the top of the microwave oven. While tightening screws, hold the microwave oven in place against the wall and the top cabinet.



7. Install grease filters. See the User Manual included with microwave.

INSTALLATION INSTRUCTIONS (continued)

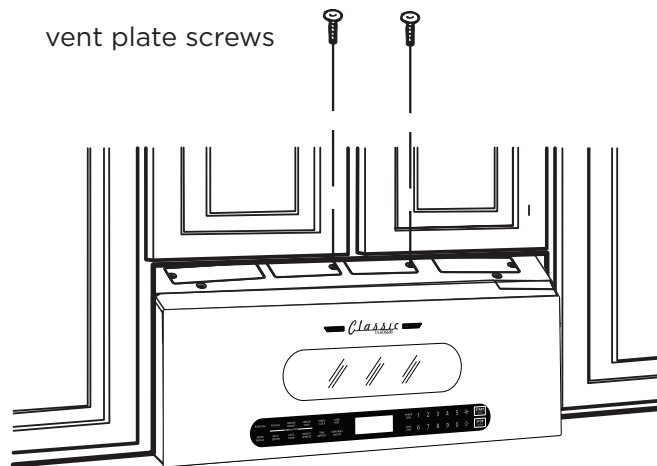
A5: Installing or changing the charcoal filter (some models)

NOTE: The charcoal filter is factory installed in some models. Refer to the User Manual to see if yours is factory installed and for replacement information.

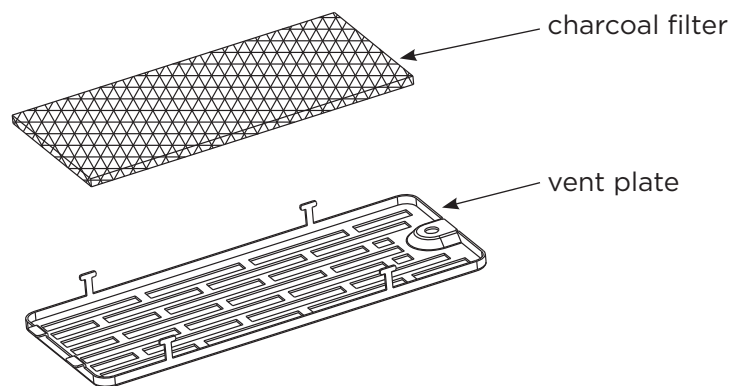
For models without the recirculation filter access door, follow these steps to replace or install a charcoal filter:

A5.1: Unplug the microwave oven or disconnect power.

A5.2: Remove the two vent plate screws located on top of the microwave using a #1 Phillips screwdriver.



A5.3: Change the charcoal filter from the vent plate.



A5.4: Replace the vent plate, reinstall the two vent plate screws located on top of microwave using a #1 Phillips screwdriver

A5.5: Close the microwave door. Plug in microwave or reconnect power

INSTALLATION INSTRUCTIONS (continued)

INSTALLATION INSTRUCTIONS FOR EXTERNAL EXHAUST DUCTING

NOTE: If you need to install ducts, note that the total duct length of 3 ¼" x 10" (8.2 x 25.4 cm) rectangular or 5" (12.7 cm) diameter/ 6" (15.2 cm) diameter round duct should not exceed 140 equivalent feet (42.7 m).

Outside ventilation requires an EXTERNAL EXHAUST DUCT. Read the following carefully.

NOTE: It is important that venting be installed using the most direct route and with as few elbows as possible. This ensures clear venting of exhaust and helps prevent blockages. **Also, make sure dampers swing freely and nothing is blocking the ducts.**

Exhaust connection:

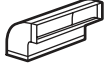
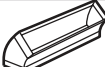
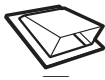
The exhaust adapter has been designed to mate with a standard 3 ¼" x 10" (8.2 x 25.4 cm) rectangular duct. If a round duct is required, a rectangular-to-round transition adapter must be used. A 5" (12.7 cm)/6" (15.2 cm) diameter duct is acceptable to use.

Maximum duct length:

For satisfactory air movement the total duct length of 3 ¼" x 10" (8.2 x 25.4 cm) rectangular or 5" (12.7 cm) diameter/6" (15.2 cm) diameter round duct should not exceed 140 equivalent feet (42.7 m).

Elbows, transitions, wall and roof caps, etc.:

These pieces create additional resistance to airflow and are equivalent to a section of straight duct which is longer than their actual physical size. When calculating the total duct length, add the equivalent lengths of all transitions and adapters plus the length of all straight duct sections. The chart below shows you how to calculate the total equivalent duct work length using the approximate feet of equivalent length of some typical ducts.

DUCT PIECES		EQUIVALENT LENGTH	x	NUMBER USED	= EQUIVALENT LENGTH
	rectangular-to-round transition adapter* (*see IMPORTANT on next page)	5 ft. (1.5 m)	x	()	ft. or m
	wall cap	40 ft. (12.2 m)	x	()	ft. or m
	90° elbow	10 ft. (3 m)	x	()	ft. or m
	45° elbow	5 ft. (1.5 m)	x	()	ft. or m
	90° elbow	25 ft. (7.6 m)	x	()	ft. or m
	45° elbow	5 ft. (1.5 m)	x	()	ft. or m
	roof cap	24 ft. (7.3 m)	x	()	ft. or m
	straight duct 6" (15.3 cm) round or 3 ¼" x 10" (8.2 x 25.4 cm rectangular)	1 ft. (0.3 m)	x	()	ft. or m
TOTAL DUCTWORK =					

INSTALLATION INSTRUCTIONS (continued)

EXTERNAL EXHAUST DUCTING (example only)

The following chart describes an example of one possible ductwork installation.



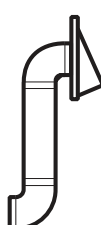
DUCT PIECES		EQUIVALENT LENGTH	x	NUMBER USED	= EQUIVALENT LENGTH
	roof cap	24 ft. (7.3 m)	x	(1)	= 24 ft. (7.3 m)
	12 ft. (3.6 m) straight duct (6"/15.2 cm round)	12 ft. (3.6 m)	x	(1)	= 12 ft. (3.6 m)
	rectangular-to-round transition adapter*	5 ft. (1.5 m)	x	(1)	= 5 ft. (1.5 m)
TOTAL DUCTWORK					= 41 ft. (12.5 m)

Equivalent lengths of duct pieces are based on actual tests and reflect requirements for good venting performance with any vent hood.

***IMPORTANT:** If a rectangular-to-round transition adapter is used, the bottom corners of the damper will have to be cut to fit, using tin snips, in order to allow free movement of the damper.

OUTSIDE BACK EXHAUST (example only)

The following chart describes an example of one possible ductwork installation.



DUCT PIECES		EQUIVALENT LENGTH	x	NUMBER USED	= EQUIVALENT LENGTH
	wall cap	40 ft. (12.2 m)	x	(1)	= 40 ft. (12.2 m)
	3 ft. (1 m) straight duct (3 1/4" x 10"/8.2 x 25.4 cm rectangular)	3 ft. (0.9 m)	x	(1)	= 3 ft. (0.9 m)
	90° elbow	10 ft. (3 m)	x	(2)	= 20 ft. (3 m)
TOTAL DUCTWORK					= 63 ft. (19.2 m)

Equivalent lengths of duct pieces are based on actual tests and reflect requirements for good venting performance with any vent hood.

NOTE: For back exhaust, care should be taken to align exhaust with space between studs, or the wall should be prepared at the time it is constructed by leaving enough space between the wall studs to accommodate exhaust.

INSTALLATION INSTRUCTIONS (continued)

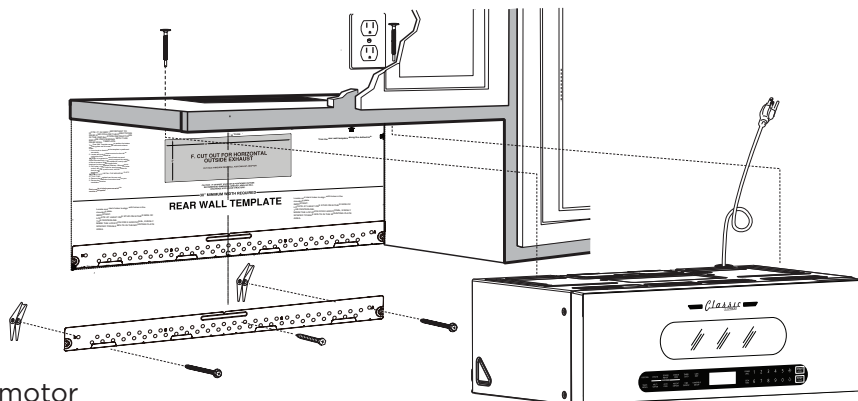
INSTALLATION TYPE B: OUTSIDE BACK EXHAUST (horizontal duct)

Installation overview

- B1.** Prepare rear wall
- B2.** Remove blower plate
- B3.** Attach mounting plate to wall
- B4.** Prepare top cabinet
- B5.** Adjust blower
- B6.** Mount the microwave oven

IMPORTANT NOTES:

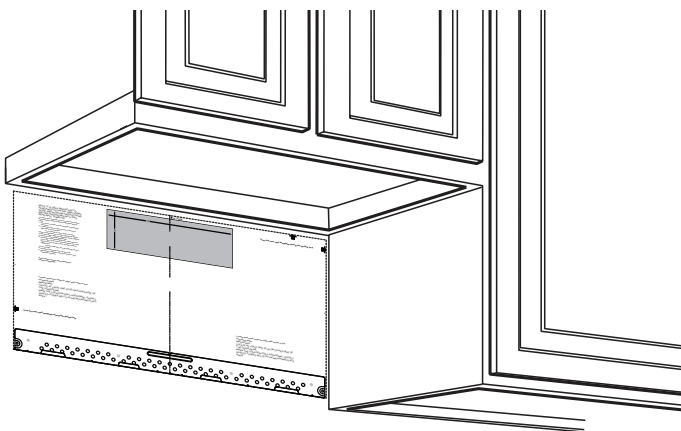
- Make sure the screws for the blower motor and blower plate are securely tightened when they are reinstalled. This will help to prevent excessive vibration.
- Make sure the motor wiring has been properly routed and secured, and that the wires are not pinched.



B1: Preparing the rear wall for outside back exhaust

You will need to cut an opening in the rear wall for outside exhaust.

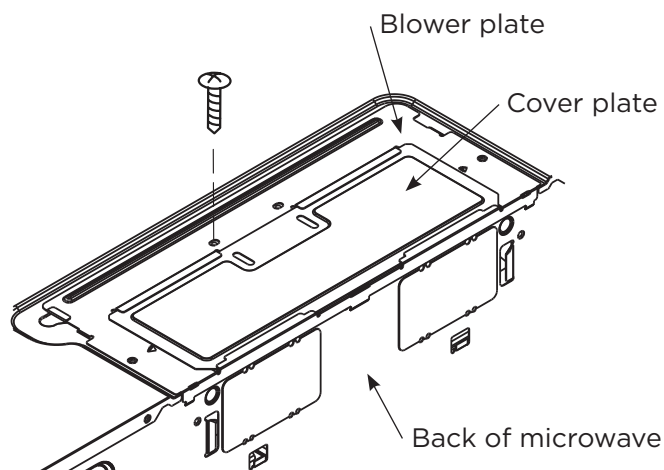
- Read the instructions on the **REAR WALL TEMPLATE**.
- Tape it on the rear wall.
- Cut the opening, following the instructions of the REAR WALL TEMPLATE.



B2: Remove blower plate

Remove and save the screw that holds the blower plate to the microwave. Lift off the blower plate.

- The cover plate is installed with the blower plate; there is no need to uninstall it.

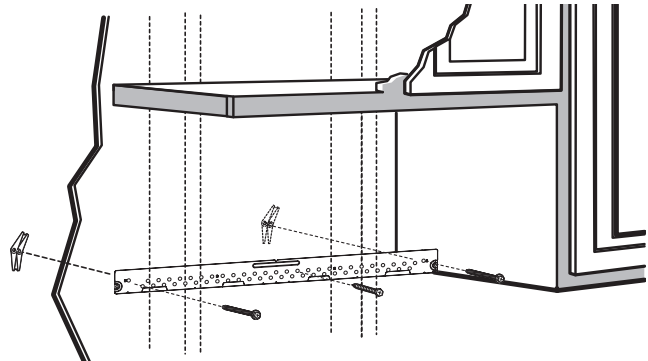


INSTALLATION INSTRUCTIONS (continued)

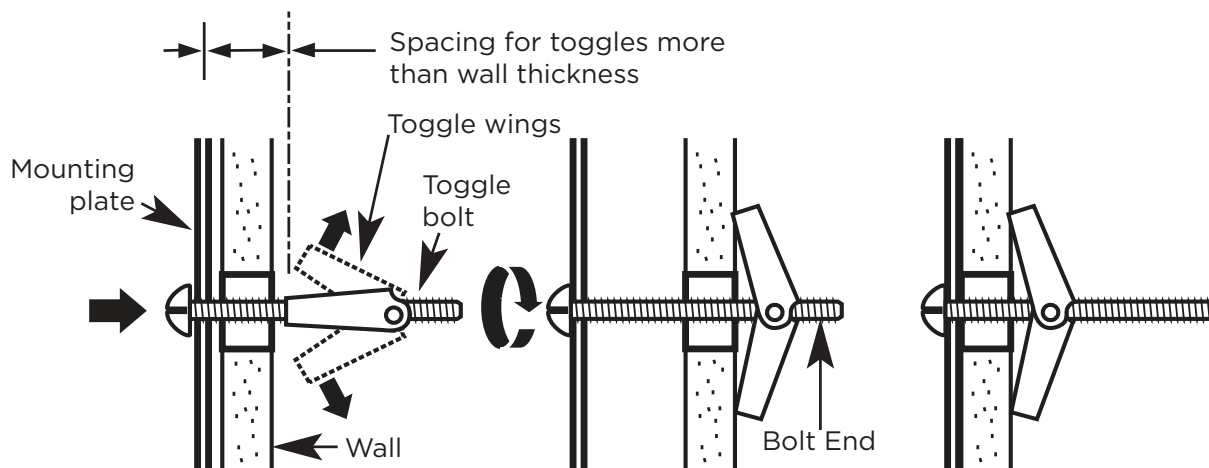
B3: Attach the mounting plate to the wall

Attach the plate to the wall using toggle bolts. At least one wood screw must be used to attach the plate to a wall stud.

1. Remove the toggle wings from the bolts.
2. Insert the bolts into the mounting plate through the holes designated to go into drywall and reattach the toggle wings to $\frac{3}{4}$ " (19 mm) onto each bolt.



To use toggle bolts:



3. Place the mounting plate against the wall and insert the toggle wings into the holes in the wall to mount the plate.

NOTE: Before tightening toggle bolts and wood screw, make sure the bottom of the mounting plate touches the bottom of the cabinet when pushed flush against the wall and that the plate is properly centered under the cabinet.

CAUTION: Be careful to avoid pinching fingers between the back of the mounting plate and the wall.

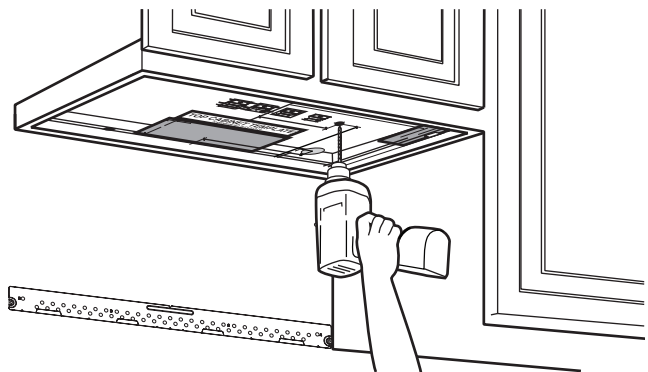
4. Tighten all bolts. Pull the plate away from the wall to help tighten the bolts.

B4: Use top cabinet template for preparation of top cabinet

You need to drill holes for the top support screws and a hole large enough for the power cord to fit through.

- Read the instructions on the TOP CABINET TEMPLATE.
- Tape it underneath the top cabinet.
- Drill the holes, following the instructions on the TOP CABINET TEMPLATE.

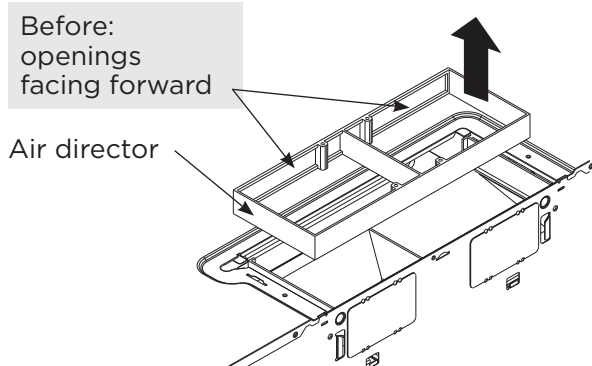
CAUTION: Wear safety goggles when drilling holes in the cabinet bottom.



INSTALLATION INSTRUCTIONS (continued)

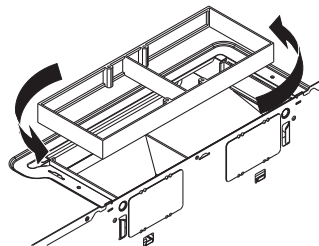
B5: Adapting microwave air director for outside back exhaust

1. Carefully pull out the air director.

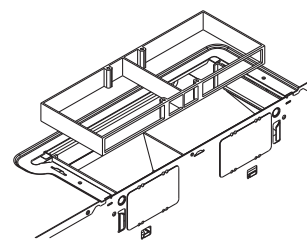


2. Rotate the air director counterclockwise 180°

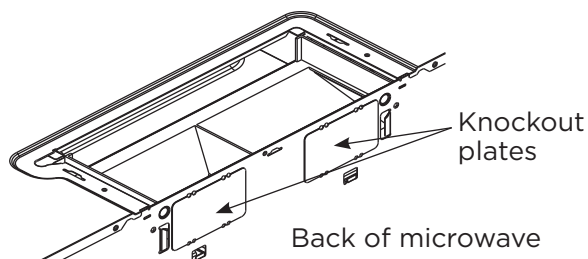
Before rotation



After rotation

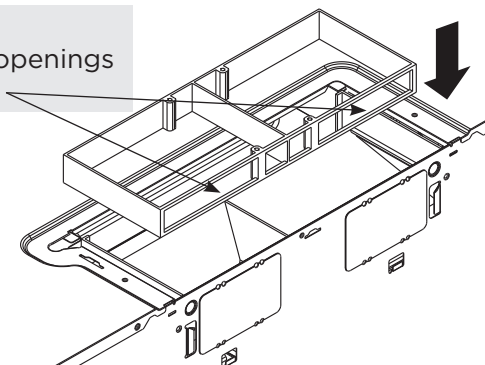


3. Remove the knockout plates (for some models): snip all 4 webs on each knockout panel and remove the metal knockouts for rear airflow. Please take care to remove any sharp edges created from removing the knockout plates.

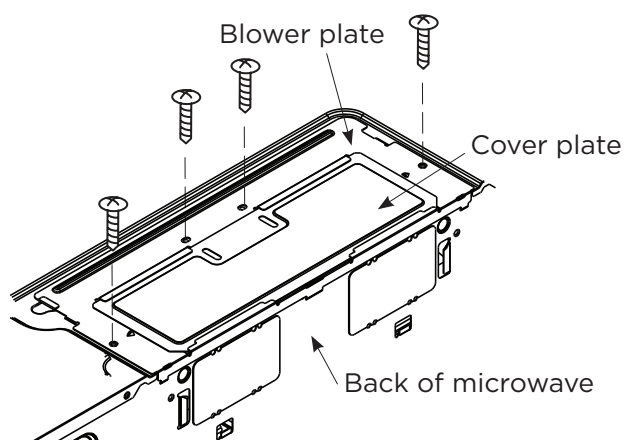


4. Place the air director back into the opening

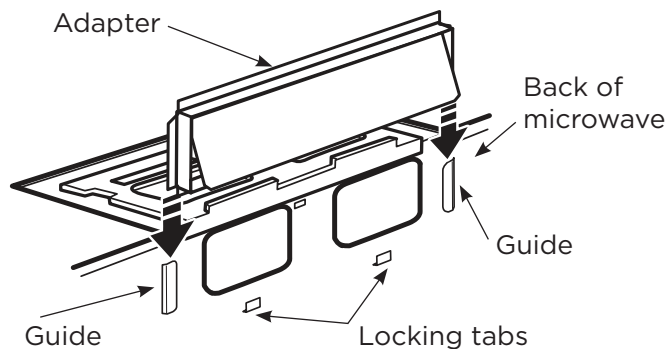
After:
Air director openings
facing back



5. Secure the blower plate to the microwave with the original screw.



6. Attach the exhaust adapter to the rear of the microwave by sliding it into the guides at the top center of the back of the microwave.



INSTALLATION INSTRUCTIONS (continued)

B6: Mounting the microwave oven

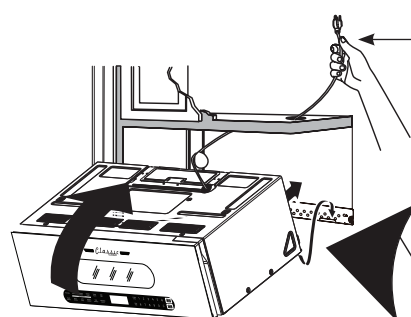
FOR EASIER INSTALLATION AND PERSONAL SAFETY, **WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN.**

IMPORTANT: Do not grip or use the handle or heat shield during installation. Do not remove the cardboard spacers between the heat shield and door.

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

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

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. Keep it taut throughout steps 1-3. Do not pinch cord or lift oven by pulling cord.

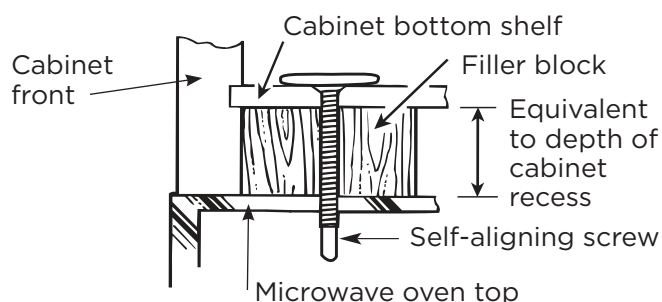
1. Lift microwave, tilt it forward, and hook the slots at the back bottom edge onto the four lower tabs of the mounting plate.

Lower tabs of mounting plate

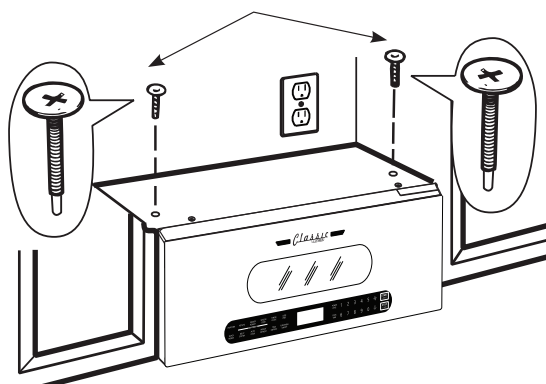
2. Rotate front of oven up against cabinet bottom.

3. Insert a self-aligning screw through the top center cabinet hole. Temporarily secure the oven by turning the screw at least two full turns after the threads have engaged (it will be completely tightened later.) **Be sure to keep the power cord taut. Be careful not to pinch the cord, especially when mounting flush to bottom of cabinet.**

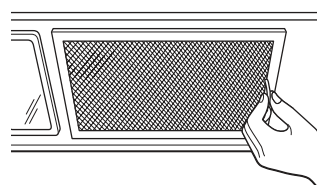
4. Attach the microwave oven to the top cabinet.



5. Insert 2 self-aligning screws through the outer top cabinet holes. Turn two full turns on each screw.



6. Tighten the outer two screws to the top of the microwave oven (while tightening screws, hold the microwave oven in place against the wall and the top cabinet.)



7. Install grease filters. See the User Manual included with the microwave.

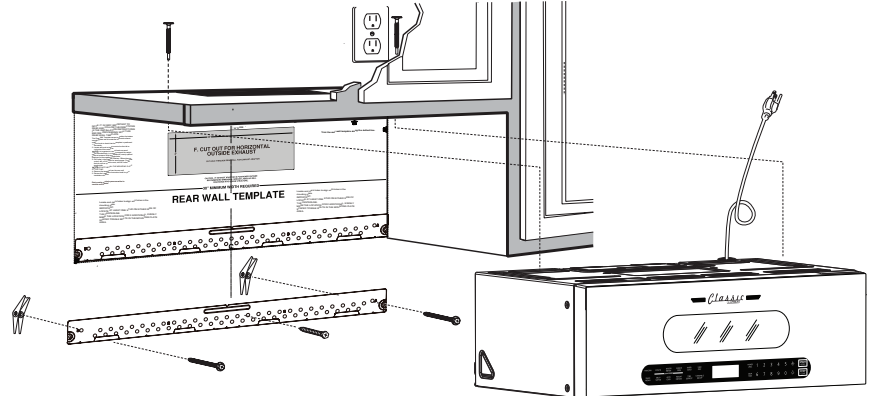
IMPORTANT: Remove the cardboard spacers between the heat shield and the door.

INSTALLATION INSTRUCTIONS (continued)

INSTALLATION TYPE C: OUTSIDE TOP EXHAUST (vertical duct)

Installation overview

- C1.** Attach mounting plate to wall
- C2.** Prepare top cabinet
- C3.** Adapting microwave blower for outside top exhaust
- C4.** Check damper operation
- C5.** Mount microwave oven
- C6.** Adjust exhaust adapter
- C7.** Connect ductwork



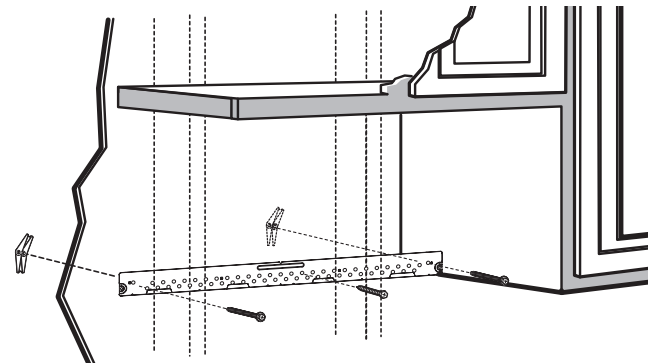
IMPORTANT NOTES:

- Make sure the screws for the blower motor and blower plate are securely tightened when they are reinstalled. This will help to prevent excessive vibration.
- Make sure the motor wiring has been properly routed and secured, and that the wires are not pinched.

C1: Attach the mounting plate to the wall

Attach the plate to the wall using toggle bolts. **At least one wood screw must be used to attach the plate to a wall stud.**

- 1.** Remove the toggle wings from the bolts.
- 2.** Insert the bolts into the mounting plate through the holes designated to go into drywall and reattach the toggle wings to $\frac{3}{4}$ " (19 mm) onto each bolt.



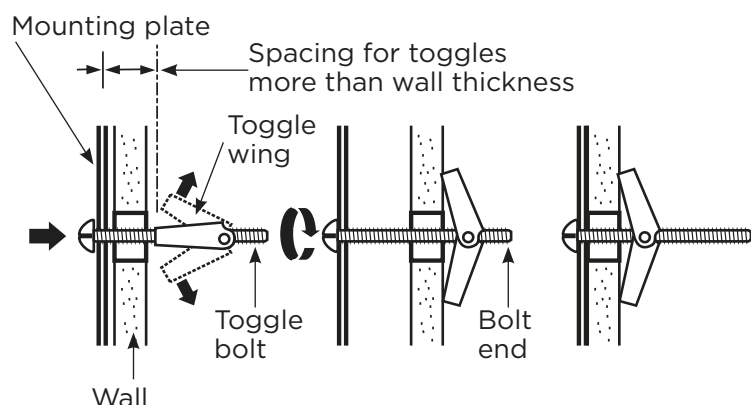
To use toggle bolts:

- 3.** Place the mounting plate against the wall and insert the toggle wings into the holes in the wall to mount the plate.

NOTE: Before tightening toggle bolts and wood screws, make sure the bottom of the mounting plate touches the bottom of the cabinet when pushed flush against the wall and that the plate is properly centered under the cabinet.

CAUTION: Be careful to avoid pinching fingers between the back of the mounting plate and the wall.

- 4.** Tighten all bolts. Pull the plate away from the wall to help tighten the bolts.



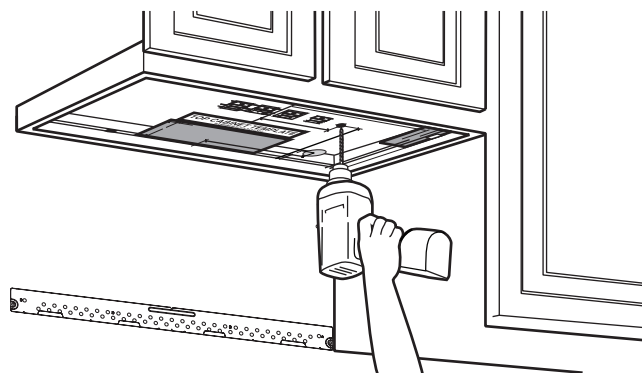
INSTALLATION INSTRUCTIONS (continued)

C2: Use top cabinet template for preparation of top cabinet

You need to drill holes for the top support screws and a hole large enough for the power cord to fit through, and a cutout large enough for the exhaust adapter.

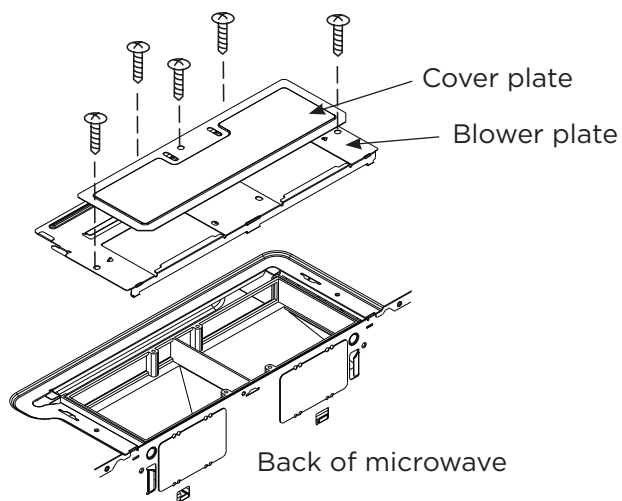
- Read the instructions on the TOP CABINET TEMPLATE.
- Tape it underneath the top cabinet.
- Drill the holes, following the instructions on the TOP CABINET TEMPLATE.

CAUTION: Wear safety goggles when drilling holes in the cabinet bottom.

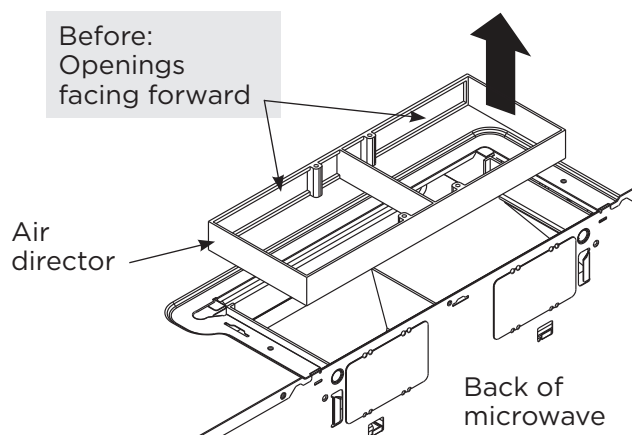


C3: Adapting microwave air blower for outside top exhaust

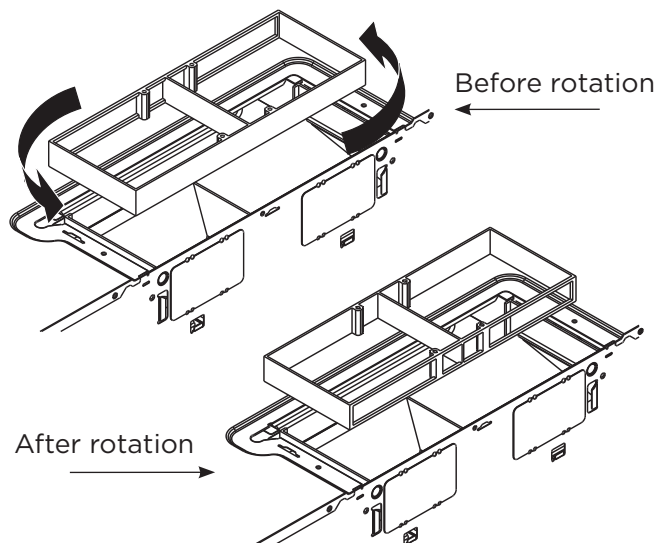
1. Remove the screw that holds the blower plate to the microwave. Remove the cover plate.



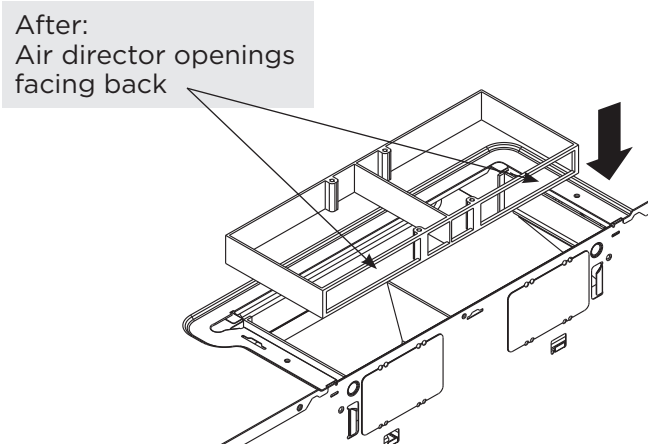
2. Carefully pull out the air director.



3. Rotate the air director counterclockwise 180°



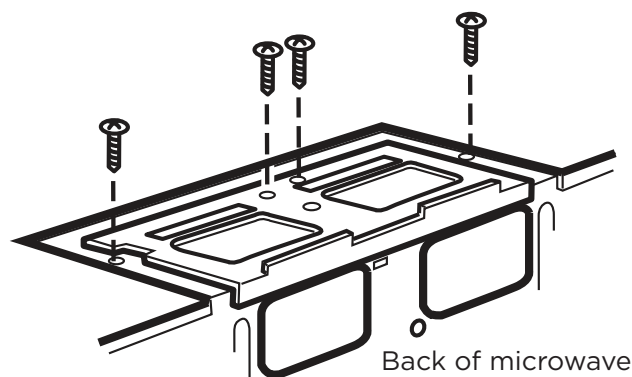
4. Place the air director back into the opening



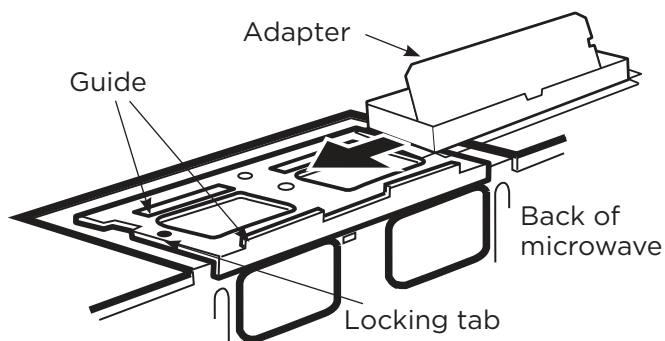
INSTALLATION INSTRUCTIONS (continued)

C3: Adapting microwave air director for outside top exhaust (continued)

5. Replace blower plate with the screw removed in Step 1. Make sure the screw is tight.



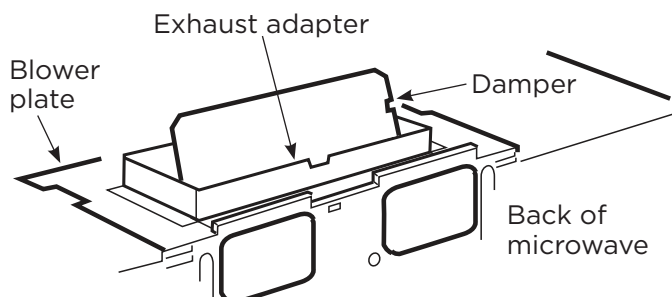
6. Attach the exhaust adapter to the top of the blower plate by sliding it into the guides of the blower plate.



Push in securely until it is in the locking tabs. Take care to ensure that the damper hinge is installed so that the damper swings freely.

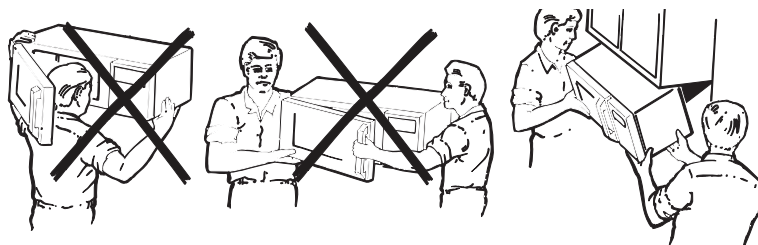
C4: Check for proper damper operation

- Make sure the tape securing the damper is removed and the damper pivots easily before mounting microwave.
- You will need to make adjustments to ensure proper alignment with your house exhaust duct after the microwave is installed.



C5: Mounting the microwave oven

FOR EASIER INSTALLATION AND PERSONAL SAFETY, **WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN.**



IMPORTANT: Do not grip or use the handle or heat shield during installation. Do not remove the cardboard spacers between the heat shield and door.

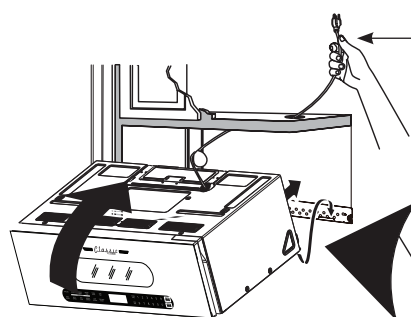
NOTE: If your cabinet is metal, use the nylon grommet around the power cord hole to prevent cutting/abrasion of the cord.

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

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

INSTALLATION INSTRUCTIONS (continued)

C5: Mounting the microwave oven (continued)



NOTE: When mounting the microwave oven, thread power cord through hole in bottom of top cabinet. Keep it taut throughout steps 1-3. Do not pinch cord or lift oven by pulling cord.

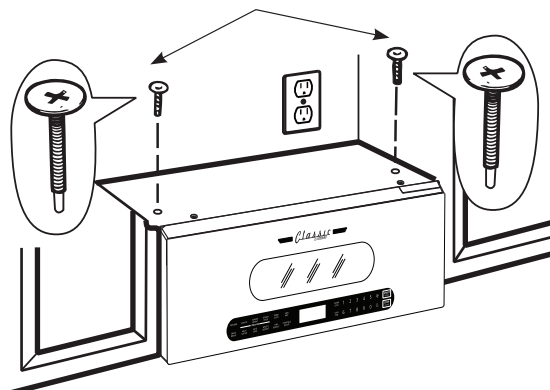
1. Lift microwave, tilt it forward, and hook the slots at the back bottom edge onto the four lower tabs of the mounting plate.

Lower tabs of mounting plate

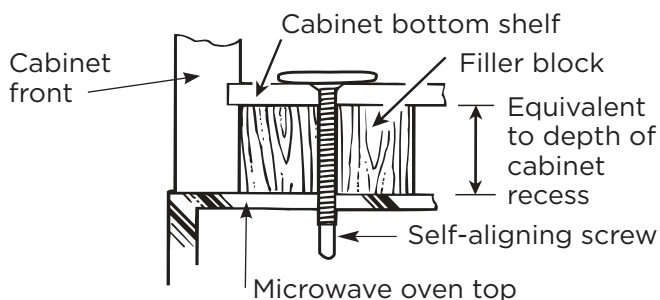
2. Rotate front of oven up against cabinet bottom.

3. Insert a self-aligning screw through the top center cabinet hole. Temporarily secure the oven by turning the screw at least two full turns after the threads have engaged (it will be completely tightened later.) **Be sure to keep the power cord taut. Be careful not to pinch the cord, especially when mounting flush to bottom of cabinet.**

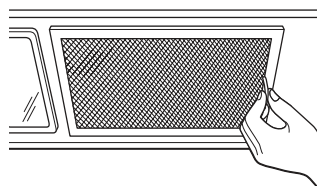
5. Insert 2 self-aligning screws through the outer top cabinet holes. Turn two full turns on each screw.



4. Attach the microwave oven to the top cabinet.



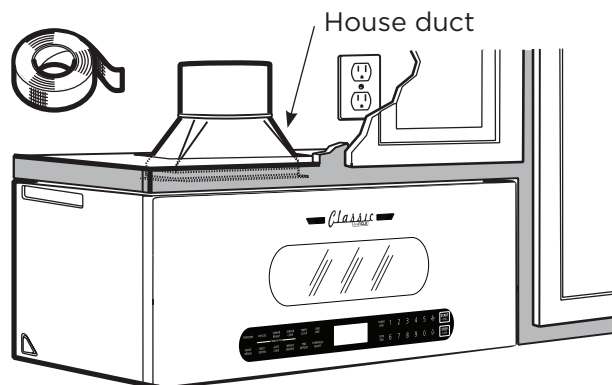
6. Tighten the outer two screws to the top of the microwave oven (while tightening screws, hold the microwave oven in place against the wall and the top cabinet.)



7. Install grease filters. See the User Manual included with the microwave.

C7: Connecting ductwork

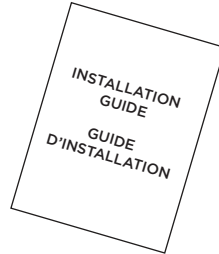
1. Extend the house duct down to connect to the exhaust adapter.
2. Seal exhaust duct joints using furnace duct tape for high temperature applications.



INITIAL USE CHECKLIST

BEFORE YOU USE YOUR MICROWAVE:

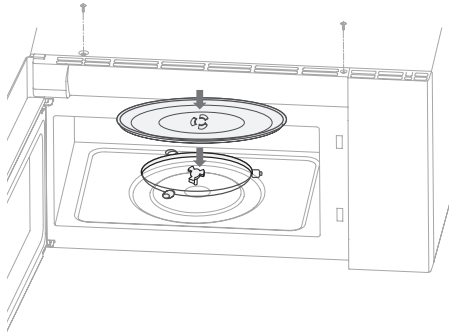
1. Make sure the microwave oven has been installed according to instructions.



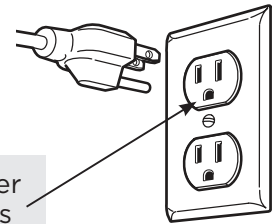
2. Remove all packing material from the microwave oven and recycle where possible.



3. Install turntable ring and glass tray inside the microwave.

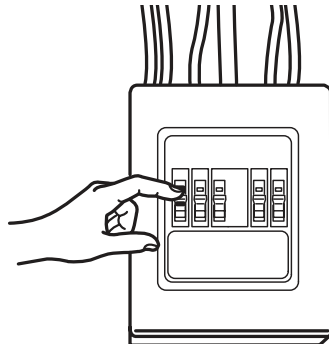


4. Plug power cord into a separate and dedicated 15 to 20 amp electrical outlet.



Ensure proper ground exists before use

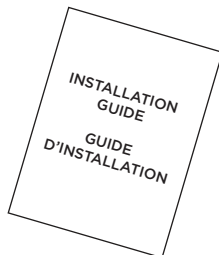
5. Replace house fuse or turn the breaker back on.



6. Read the User Manual and keep it for future reference.



7. Keep the installation guide for inspector's use and future reference.



8. Fill out the Appliance Information page in the User Manual, and complete the product registration online.

APPLIANCE INFORMATION	
APPLIANCE INFORMATION (manual copy - keep with your records) To make care and servicing of your microwave easy and efficient, please record the following information for future reference: Model: _____ Serial Number: _____ Purchased From: _____ Date Purchased: _____	
PRODUCT REGISTRATION Scan the QR Code or Visit our website at https://www.samsung.com/brandstory/register/appliance to register your product.	
CONTACT US For questions related to the operation, safety or the purchase of your appliances, please contact your dealer for more information. For general information, contact our customer service department.  Email: usappliance@samsung.com  Toll-free: 1-877-435-1234 or 1-800-827-6344 (available during regular business hours, 9:00 a.m. to 4:00 p.m. EST)  Website: www.samsung.com/appliances	

APPLIANCE INFORMATION

APPLIANCE INFORMATION

(manual copy - keep with your records)

To make care and servicing of your appliance easy and efficient, please record the following information for future reference:

Model:

Serial Number:

Purchased From:

Date Purchased:

Date Installed:

PRODUCT REGISTRATION



Scan the QR Code

or

Visit our website at <https://uniqueappliances.com/product-registration/> to register your product.

CONTACT US

For questions related to the operation, safety or the purchase of your appliances, please contact your dealer for more information. For general information, contact our customer service department:



Email

info@UniqueAppliances.com



Toll-free

1-877-427-2266 or 1-905-827-6154
(available during regular business
hours, 8:30 am to 4:30 pm, EST.)



Website

www.uniqueappliances.com



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