SHARP®

SHARP CELERITY™ HIGH-SPEED OVEN
MODEL: SWA3099MS
INSTALLATION INSTRUCTIONS

⚠WARNING

ELECTRICAL GROUNDING INSTRUCTIONS

This oven must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 – latest edition.

⚠WARNING

DO NOT USE AN EXTENSION CORD WITH THIS APPLIANCE. SUCH USE MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER PERSONAL INJURY.

UNPACKING APPLIANCE

- Remove all packing material from the inside and outside of the oven before connecting the electrical supply. This includes all foam, cardboard, printed material, and protective plastic film.
- Be sure to leave these instructions with the consumer.

Check the oven for any damage such as misaligned or bent door, damaged oven seals or sealing surfaces, and dents inside the cavity or on the front side of the oven. If there is any damage, do not operate the oven and contact an AUTHORIZED SERVICER.

IMPORTANT NOTES TO THE INSTALLER

Leave these instructions with the consumer.

- Read all instructions thoroughly before installing the Sharp Celerity™ High-Speed Oven.
- Because the oven includes metal parts, caution should be used in handling and installation to avoid the possibility of injury.
- Do not remove permanently affixed labels, warnings or plates from the product as this may void the warranty.
- Observe all governing codes and ordinances.
- Installers should leave these instructions with the consumer, who should retain them for the local inspector's use and for future reference.

IMPORTANT NOTES TO THE CONSUMER

Keep this manual with your Operation Manual for future reference.

- As when using any oven generating heat, there are certain safety precautions you should follow. These are listed in the Operation Manual. Read all and follow carefully.
- Be sure your oven is installed and properly grounded by a qualified installer or service technician.
- This unit comes equipped for optional Wi-Fi connection. In order to activate the Wi-Fi functionality, the area in which the unit is installed requires a Wi-Fi signal. Please see the Operation Manual for the minimum Wi-Fi requirements.

IMPORTANT SAFETY INSTRUCTIONS

⚠WARNING If the information in this manual is not followed exactly, a fire or electrical shock may result that could cause property damage, personal injury or death.

- This appliance must be electrically grounded in accordance with local codes.
- Make sure the wall coverings and the cabinets around the oven can withstand the heat generated by the appliance.

PARTS INCLUDED WITH THE OVEN

PARTS	PART #	QUANTITY
Mounting Screws	LX-CZA074URE0	4

OPTIONAL PARTS - FLUSH MOUNT KIT

If you want to flush mount the oven, please call 1-800-BE-SHARP to request the kit be shipped directly to you free of charge.

PARTS	PART #	CALL FOR PART
Flush Mount Deflector Kit*	SKHW30F0MS	1-800-BE-SHARP

* The Flush Mount Deflector Kit includes 1x flush deflector and 2x mounting screws.

CHOOSING A LOCATION

Your oven can be built into a cabinet or wall by itself, above any electric or gas built-in oven, above a warming drawer, or below a cooktop or counter.

POSITION AND INSTALL UNIT

Two people are required to safely lift, move and install the unit. The unit must be lifted from the right and left sides by lifting from beneath the oven cavity.

ELECTRICAL REQUIREMENTS

Locate the electrical supply as shown in the illustrations on the following pages. The receptacle may also be located in an adjacent cabinet within reach of the power cord. A separate circuit, servicing only the appliance is required. A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation.

Electrical Supply	208-240 V AC, 60 Hz, 30 Amp
Output Power	950W (Microwave). 1700W (Top Element) 500W (Bottom Element) 2200W (Convection Element)
Power Cord	55" (1397 mm)

NOTE: If you have any questions about the grounding or electrical instructions, consult a qualified electrician or servicer.

ELECTRICAL CONNECTIONS

- This appliance can also be installed using an electrical outlet in an adjacent cabinet within the area where the provided electrical cord can reach.
- Always check electrical codes for requirements.
- If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate and wire gauge is in accordance with local codes.

IN U.S.A.

Be sure the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/ NFPA No. 70-latest edition and all local codes and ordinances.

A copy of the above code standards can be obtained from:

National Fire Protection Association
nfpa.org/Codes-and-Standards

IN CANADA

Be sure the electrical connection and wire size are adequate and in conformance with CSA standard C22.1, Canadian Electrical Code, Part 1 - latest edition, and all local codes and ordinances.

A copy of the above code standards can be obtained from:

Canadian Standards Association
csagroup.org/standards

ELECTRICAL REQUIREMENTS

This unit must be supplied with the proper voltage and frequency and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or fuse having amperage as noted on the rating plate.

ELECTRICAL CONNECTIONS

BREAKER OR FUSE SIZE	
240V	30 Amps
208V	30 Amps

NOTE:

- Check local codes for required breaker size.
- All electrical wiring and hookup for this unit must be done by a qualified electrician. Make note of the location of the main appliance disconnect.

POWER CONNECTIONS

This unit is manufactured with a neutral (white) power supply wire and a cabinet-connected (green) grounding wire.

Connect the unit cable to the junction box through the UL-listed conduit connector. Complete electrical connection according to local codes and ordinances. See page 3 for junction box or electrical outlet locations.

NOTE TO ELECTRICIAN: The armored cable leads supplied with this unit are UL recognized for connection to larger gauge household wiring. The installation of the leads is rated at temperatures much higher than the temperature rating of household wiring. The current carrying capacity of the conductor is governed by the temperature rating of the installation around the wire, rather than the wire gauge alone.

NOTE:

- The proper size wire nut shall be placed over the stripped leads and the wire nut twisted until the wire nut cannot be pulled from the leads. No conductor shall be exposed in the connection.
- Do not shorten the flexible conduit. The conduit strain relief clamp (supplied by installer) must be securely attached to the junction box, and the flexible conduit must be securely attached to the clamp. If the flexible conduit will not fit with the junction box, do not install the unit until a clamp of proper size has been obtained.

⚠ WARNING



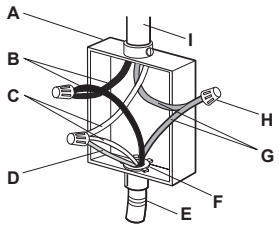
ELECTRICAL SHOCK HAZARD

- Grounding through the neutral conductor is prohibited for new branch-circuit installations (1996 NEC), mobile homes and recreational vehicles, or in areas where local codes prohibit grounding through the neutral conductor. For installations where grounding through the neutral conductor is prohibited, see the Ungrounded Neutral graphic.
- Use grounding terminal or lead to ground unit.
- Connect neutral terminal or lead to branch circuit neutral in usual manner. Failure to do so could result in death, fire or electric shock.
- The electrical power to the oven branch circuit must be shut off while line connections are being made. Do not use an extension cord with this unit.
- Electrical ground is required on this unit. The free end of the green wire (the ground wire) must be connected to a suitable ground. This wire must remain grounded to the oven.
- If cold water pipe is interrupted by plastic, non-metallic gaskets, union connections or other insulating materials, DO NOT use for grounding.
- DO NOT ground to a gas pipe.
- DO NOT have a fuse in the NEUTRAL or GROUNDING circuit. A fuse in the NEUTRAL or GROUNDING circuit could result in an electric shock.
- If in doubt, have a qualified electrician verify the unit is properly grounded.
- Failure to properly ground the unit could result in death, fire or electric shock.
- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow manufacturer's recommended procedure closely.

3-WIRE CABLE FROM HOME POWER SUPPLY - U.S. ONLY

IMPORTANT: Use the 3-wire cable from home power supply where local codes permit a 3-wire connection.

GROUNDED NEUTRAL



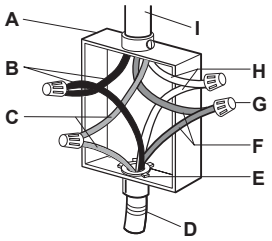
A Junction Box
B Black Wires
C Neutral (White) Wires
D Ground (Green or Bare) Wire
E Cable from Oven
F UL Listed Conduit Connector
G Red Wires
H UL Listed Wire Connectors
I House Electrical Supply

1. Disconnect power before servicing.
2. Connect the 2 black wires **B** together using a UL listed wire connector.
3. Connect the 2 neutral (white) wires **C** and the ground (green or bare) wire **D** (of the oven cable) using a UL listed wire connector.
4. Connect the 2 red wires **G** together using a UL listed wire connector.
5. Install junction box cover.

4-WIRE CABLE FROM HOME POWER SUPPLY

IMPORTANT: Use the 4-wire cable from home power supply in the U.S. where local codes do not allow grounding through neutral, New Branch circuit installations (1996 NEC), mobile homes and recreational vehicles, new construction, and in Canada.

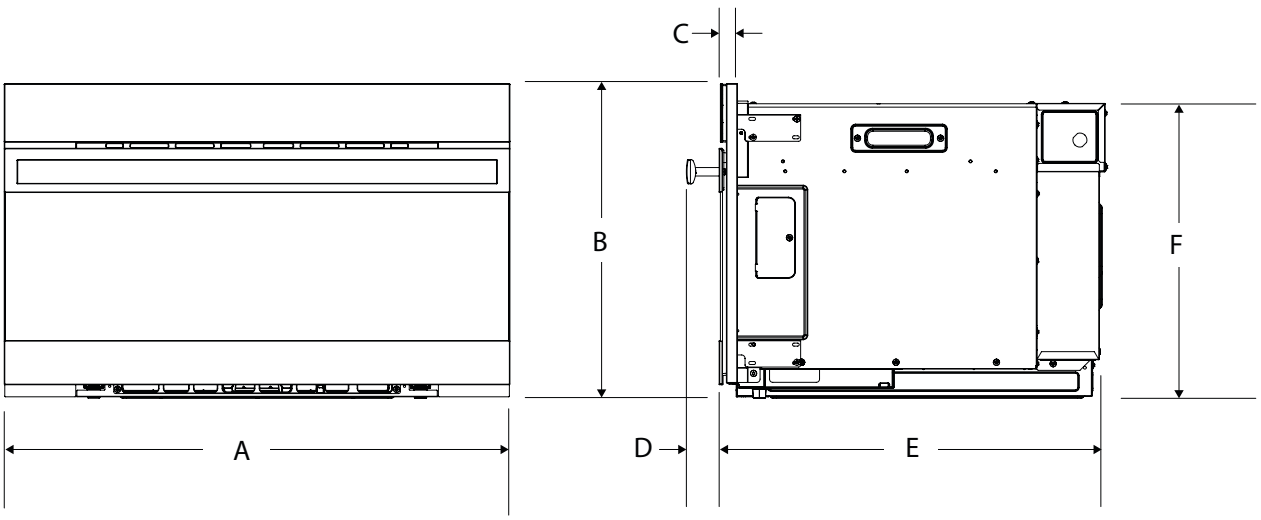
UNGROUNDED NEUTRAL

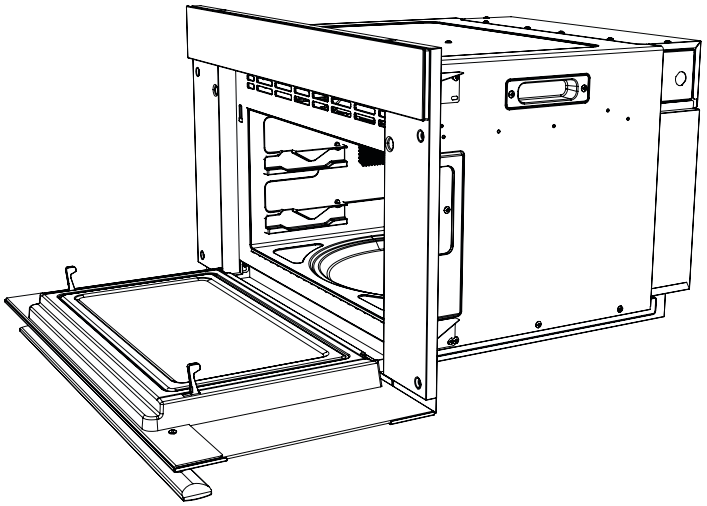


A Junction Box
B Black Wires
C Red Wires
D Cable from Oven
E UL listed or CSA Approved Conduit Connector
F Ground (Green or Bare) Wires
G UL Listed Wire Connectors
H Neutral (White) Wires
I House Electrical Supply

1. Disconnect power before servicing.
2. Connect the 2 black wires **B** together using a UL listed wire connector.
3. Connect the 2 red wires **C** together using a UL listed wire connector.
4. Connect the 2 neutral (white) wires **H** together using a UL listed wire connector.
5. Connect the ground (green or bare) wire **F** from the oven cable to the ground (green or bare) wire (in the junction box) using a UL listed wire connector.
6. Install junction box cover.

PRODUCT DIMENSIONS



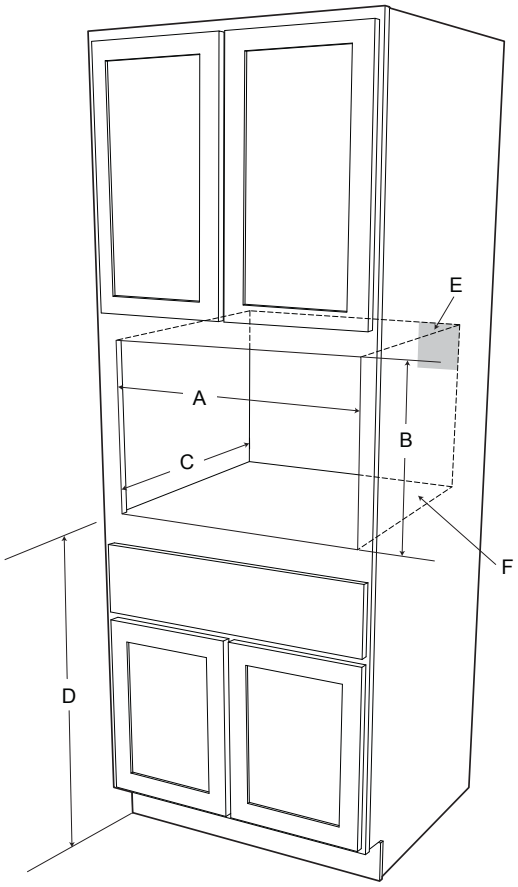


A. 29 3/4" (755.5 mm)
B. 18 1/2" (469.9 mm)
C. 1" (25.0 mm)
D. 1 7/8" (47.6 mm)
E. 22 3/4" (577.9 mm)
F. 17 1/2" (444.5 mm)

Figure 1

CLEARANCES AND DIMENSIONS

Standard Installations



A. 25 1/4" (641.4 mm)
B. 17 5/8" (447.7 mm) cutout
C. 23 1/2" (596.9 mm) min. depth
D. 36" (914.4 mm) suggested
E. Suggested electrical outlet location
F. Platform must be able to support 125 lb (56.7 kg)

Figure 2

Over Built-in Oven

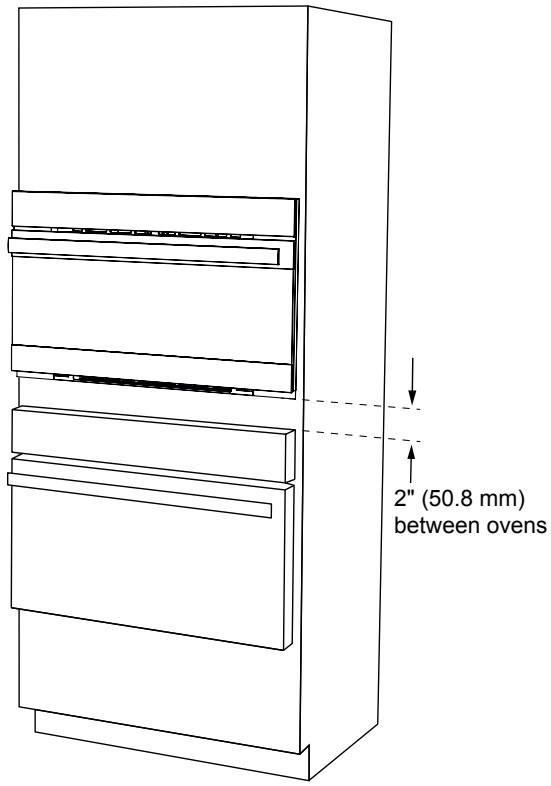
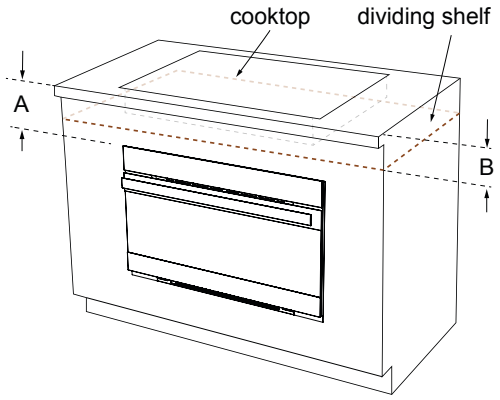


Figure 3

Under Cooktop



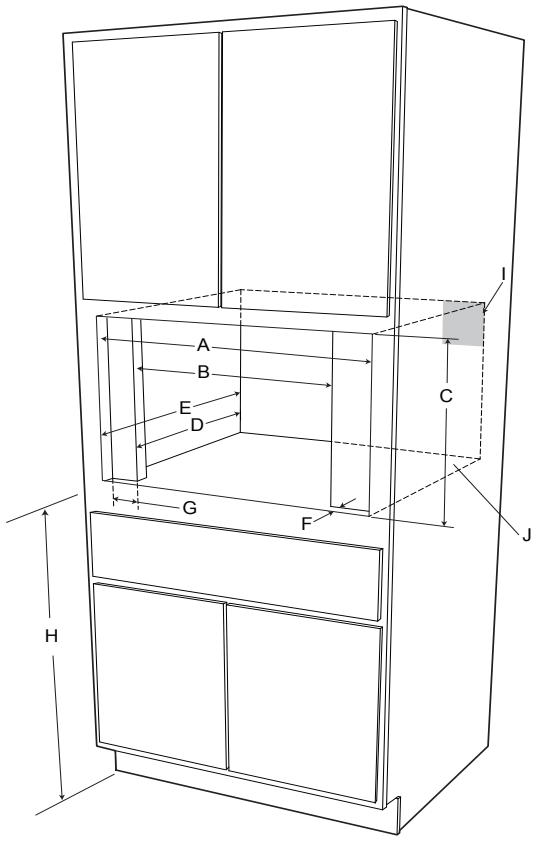
A. 9" (228.6 mm) top of counter to top of unit
B. 7" (177.8 mm) top of counter to dividing shelf

Figure 4

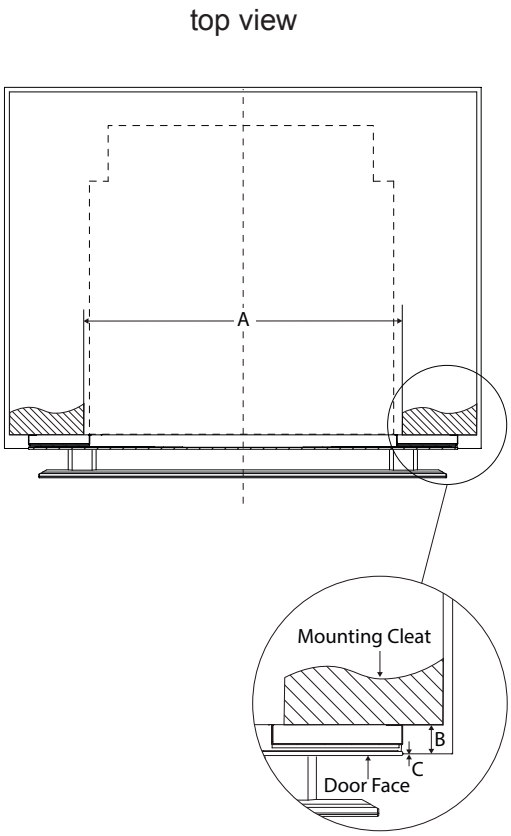
NOTE: A dividing shelf at least 3/4" (19.1 mm) thick must be installed between the cooktop and oven.

Flush Installations

NOTE: The flush mount deflector kit (SKHW30F0MS) (shipped separately) is required for Flush installation. Please call 1-800-BE-SHARP to request the flush mount deflector kit be shipped directly to you free of charge.



A. 30" (762 mm)
B. 25 1/4" (641.4 mm)
C. 18 3/4" (476.3 mm)
D. 23" (584mm) min. depth to front of cleat
E. 24" (609.6 mm)
F. 1" (25 mm)
G. 3 1/2" (89 mm)
H. 36" (914.4 mm) suggested
I. Suggested electrical outlet location
J. Platform must be able to support 125 lb (56.7 kg)



A. 25 1/4" (641.4 mm)
B. 1" (25 mm)
C. 0" (Flush)

NOTE: the mounting surface of the finished cleat must sit 1" (25 mm) back from the face of the cabinet.

Figure 5

INSTALLATION INSTRUCTIONS

Standard Mount

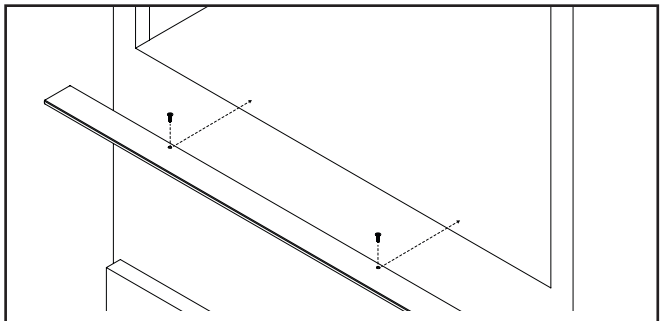
⚠ WARNING Always take caution lifting heavy products.

1. Before moving the product, remove the four side angle shipping supports from the oven. There are two located on each side. See figure 7.
2. Move the unit near the opening.
3. Use a minimum of 2 people to lift and install the oven. Place the oven adjacent to the cabinet opening; see Figure 8. Plug in the power supply cord to the electrical outlet.
4. Carefully guide the oven into the opening and slide back until the mounting flanges rest against the face of the cabinet. Avoid pinching the cord between the oven and the cabinet wall.
5. Open the door. Using the two holes on each mounting flange, pre-drill the cabinet using a 1/16" bit. See Figure 9.
6. Mount the oven using the four screws provided. See Figure 9.

Flush Mount

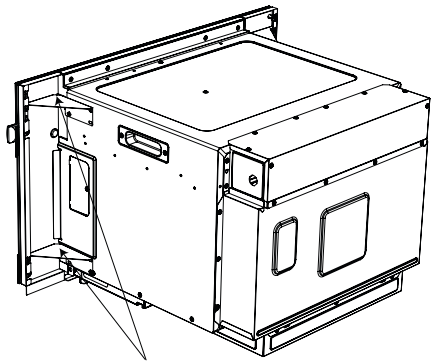
⚠ WARNING Always take caution lifting heavy products.

1. Prepare cabinet opening as shown in Figure 5.
2. Install flush deflector (shipped separately) prior to setting the mounting cleats. The flush deflector should be aligned to the front edge of the cabinet cutout. Center the flush deflector to the cabinet opening. Use the two provided screws to secure the deflector to the cabinet as shown in Figure 6.
3. Before moving the product, remove the four side angle shipping supports from the oven. There are two located on each side. See figure 7.
4. Move the unit near the opening.
5. Use a minimum of 2 people to lift and install the oven. Place the oven adjacent to the cabinet opening; see Figure 8. Plug in the power supply cord to the electrical outlet.
6. Carefully guide the oven into the opening and slide back until the mounting flanges rest against the installed mounting cleats. Avoid pinching the cord between the oven and the cabinet wall.
7. Open the door. Using the two holes on each mounting flange, pre-drill the mounting cleats using a 1/16" bit. See Figure 9.
8. Mount the oven using the four screws provided. See Figure 9.



Flush Mount Deflector Kit (SKHW30F0MS)* **Figure 6**

* The Flush Mount Deflector Kit (SKHW30F0MS) is required for flush installation. Please call 1-800-BE-SHARP to request the kit be shipped directly to you free of charge.



side angle shipping supports **Figure 7**

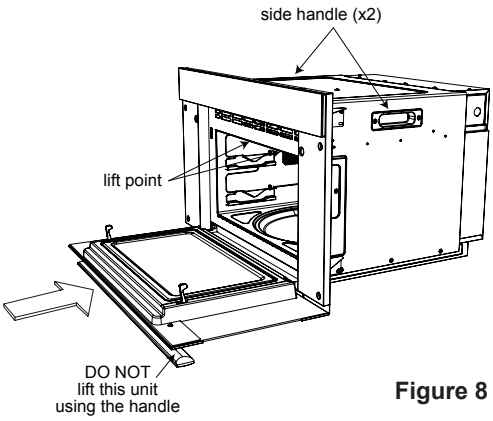
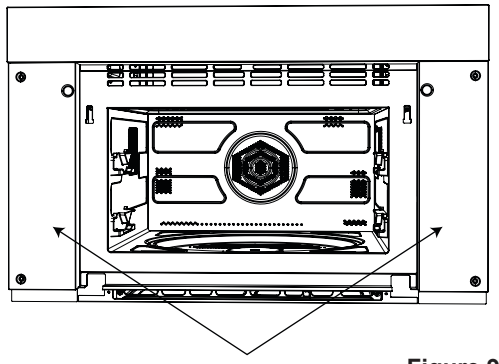


Figure 8



mounting flange **Figure 9**

COMPLETE INSTALLATION

1. Check that the unit is properly installed.

2. Dispose of/recycle all packaging materials.

3. Enable Wi-Fi

- From the Home Screen, touch **SETTINGS**, **WI-FI**, then **Enable Wi-Fi**.

4. Check microwave operation.

- Place a half-filled mug of water onto the carousel and close the door.
- From the Home Screen, touch **MANUAL COOK**, then **MICROWAVE**.
- Set **COOK TIME** to **5 minutes** and **POWER LEVEL** to **100%**.
- Touch **START**.

NOTE: If the microwave does not operate, check that the household fuse is intact and tight, the circuit breaker has not been tripped, and electrical supply is connected. Check the BEFORE YOU CALL section of the Operation Manual.

- When the microwave oven completes cooking, the water should be just starting to boil and warm to the touch. If the mug and water are not warm or if an error message appears on the display, turn off the microwave oven and contact 1-800-BE-SHARP.

5. Check convection oven operation.

- From the Home Screen, touch **MANUAL COOK**, **CONVECTION BAKE**, then **NO PREHEAT**.
- Set **TEMPERATURE** to **450˚F**, and touch **START**.
- Allow the oven to operate for 30 minutes with the door closed and no food in the cavity. An odor may be detected during this initial use. This is normal.

NOTE: If the oven does not operate, check that the household fuse is intact and tight, the circuit breaker has not been tripped, and electrical supply is connected. Check the BEFORE YOU CALL section of the Operation Manual.

- When the oven has been operating for five minutes, feel for heat. If you do not feel heat or if an error message appears on the display, turn off the oven and contact 1-800-BE-SHARP.
- If operating properly, at the end of 30 minutes, turn off the oven and allow it to cool.

CARE, CLEANING AND MAINTENANCE

Refer to the Operation Manual for cleaning instructions.

BEFORE YOU CALL FOR SERVICE

Read the BEFORE YOU CALL and operating instruction sections in your Operation Manual. It may save you time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this appliance. Refer to the warranty in your Operation Manual for Sharp's toll-free service number and address. Please call or write if you have inquiries about your product and/or need to order parts.

MODEL AND SERIAL NUMBER LOCATION

The model number and serial number are printed on the nameplate. To access the nameplate, open the door. The serial plate is located at the top right of the oven face plate.

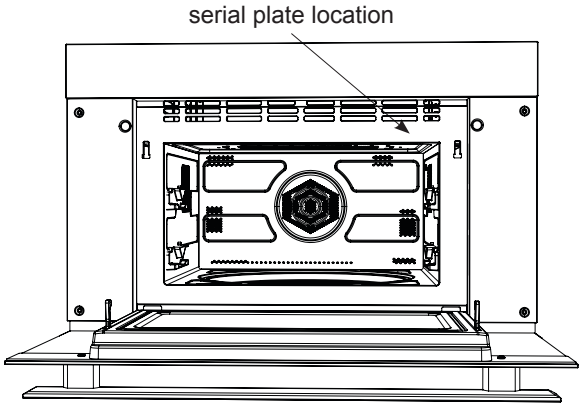


Figure 10

SHARP®

SHARP ELECTRONICS CORPORATION

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SHARP ELECTRONICS OF CANADA LTD.

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