SHARP®

Convection Microwave Drawer: SMD2499FS
INSTALLATION MANUAL

SPECIAL WARNING

- **INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER.**
- **IMPORTANT: SAVE this installation manual FOR LOCAL ELECTRICAL INSPECTOR'S USE.**
- **READ AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

CLEARANCES AND DIMENSIONS

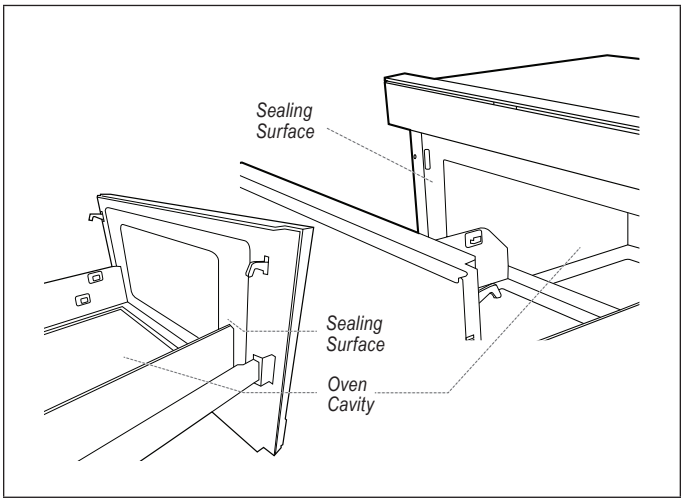
For SAFETY CONSIDERATIONS do not install drawer in any combustible cabinetry, which is not in accord with the stated clearances and dimensions on pages 2 - 4. See Figures 1 - 7.

UNPACKING YOUR CONVECTION MICROWAVE DRAWER

A minimum of two people are required to handle the oven. Use the two handles located on each side of the oven to lift.

1 Remove all packing materials from inside the Convection Microwave Drawer and on the Drawer door.

2 Remove the feature sticker, if there is one. Check the drawer for any damage, such as misaligned or bent drawer, damaged drawer seals and sealing surfaces, broken or loose drawer guides and dents inside the cavity or on the front side of the drawer. If there is any damage, do not operate the Convection Microwave Drawer and contact your dealer or a SHARP AUTHORIZED SERVICER.



IMPORTANT NOTES TO THE INSTALLER

- Read all of the Installation Manual before installing the Convection Microwave Drawer.
- Remove all packing material before connecting the electrical supply.
- Observe all governing codes and ordinances.
- Be sure to leave these instructions with the consumer.

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 Convection Microwave Drawer is installed and grounded properly by a qualified installer or service technician.
- This unit comes equipped with a Wi-Fi connectivity option. 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 specifications.

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

⚠WARNING NEVER LEAVE CHILDREN ALONE OR UNATTENDED IN THE AREA WHERE A CONVECTION MICROWAVE DRAWER IS IN USE. NEVER LEAVE THE DRAWER OPEN WHEN THE OVEN IS UNATTENDED.

⚠WARNING STEPPING, LEANING OR SITTING ON THE DRAWER MAY RESULT IN SERIOUS INJURIES AND CAN ALSO CAUSE DAMAGE TO THE CONVECTION MICROWAVE DRAWER.

- Do not use the Convection Microwave Drawer as a storage space. This creates a potentially hazardous situation.
- Check that the time-of-day is in the display. If not, touch STOP/CLEAR for safety reasons and to prevent unintended use.

CLEARANCES AND DIMENSIONS

- Dimensions that are shown in Figure 1 must be used. Given dimensions provide minimum clearance. Locate electrical outlet in the shaded area in the upper left-hand corner of the cutout. See Figure 9.
- Contact surface must be solid and level. Pay special attention to the floor on which the Convection Microwave Drawer will sit. The floor of the opening should be constructed of plywood strong enough to support the weight of the oven (about 125 pounds).
- Check location where the Convection Microwave Drawer will be installed for proper electrical supply.
- Your oven can be built into a cabinet or wall as a stand-alone unit.

  It can also be installed under:

  Wall Ovens: Gas or Electric

  SuperSteam oven: SSC2489DS

  Cooktop Models: SDH3042DB, SDH3652DB, SCR3042FB, SCR2442FB, SCR3041GB, SCH3043FB, SCH2443FB, SDH3042DB or SDH3652DB.
- Be sure that the clearance of the floor between the wall oven and the Convection Microwave Drawer is a minimum of 2-inches.
- The Convection Microwave Drawer interior will easily accommodate a 9" x 13" oblong dish or a bag of microwave popcorn.
- The oven can also be mounted flush. Please see instructions for flush mounting.

24" CONVECTION MICROWAVE DRAWER STANDARD MOUNT AND MEASUREMENTS

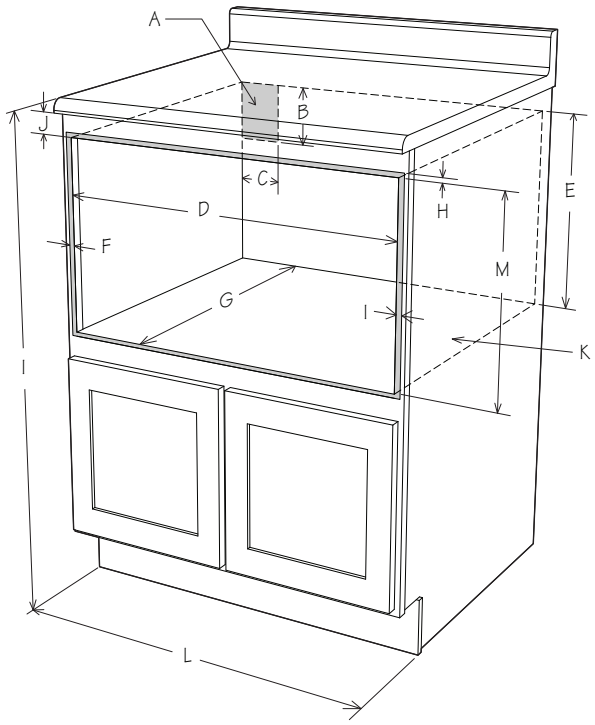


Figure 1

A. Suggested electrical outlet location*
B. 5" (127 mm)
C. 4" (101.60 mm)
D. 22 3/8" (568.32 mm) opening
E. 19 3/8" (492.12 mm)
F. Allow 5/8" (15.87 mm) overlap
G. 23 1/2" (596.90 mm) minimum depth
H. Allow 1/8" (3.17 mm) overlap
I. 36" (914.40 mm) countertop height
J. Allow 1/2" (12.7 mm) minimum space
K. Floor must support 125 lbs (56.7 kg)
L. 24" (609.60 mm) cabinet minimum
M. 19 1/2" (495.3 mm) opening

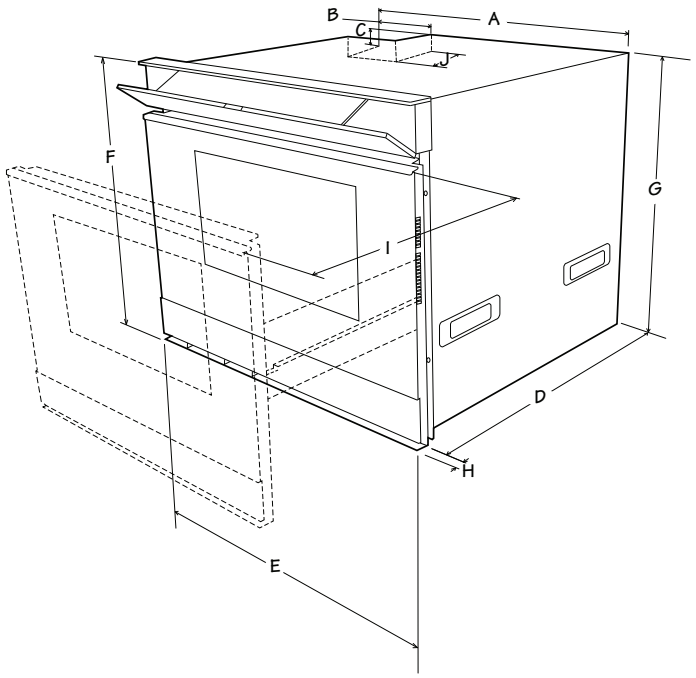


Figure 2

A. 21 7/8" (555.56 mm)
B. 4 11/16" (119.06 mm)
C. 1 3/4" (44.45 mm)
D. 20 7/8" (555.63 mm)
E. 23 5/8" (600.07 mm)
F. 19 5/8" (498.48 mm)
G. 19 1/4" (488.95 mm)
H. 1 5/8" (41.27 mm) door thickness
I. 15 1/2" (393.7 mm) auto drawer opening
J. 4" (101.60 mm)

Figures 1 and 2 contain many Convection Microwave Drawer measurements for reference when planning the drawer's location.

* *Can also be installed using an electrical outlet in an adjacent cabinet within the area where the provided electrical cord can reach. Power cord access hole in cabinet should be a minimum 1 1/2" diameter hole and deburred of all sharp edges.*

IMPORTANT *Always allow sufficient power cord length to the electrical outlet to prevent tension.*

Always check electrical codes for requirements.

24" CONVECTION MICROWAVE DRAWER STANDARD MOUNT AND MEASUREMENTS

Figure 3 represents a typical standard cabinet. If installed in custom cabinets with extended countertops, take into account visibility and access to controls. See Figure 4.

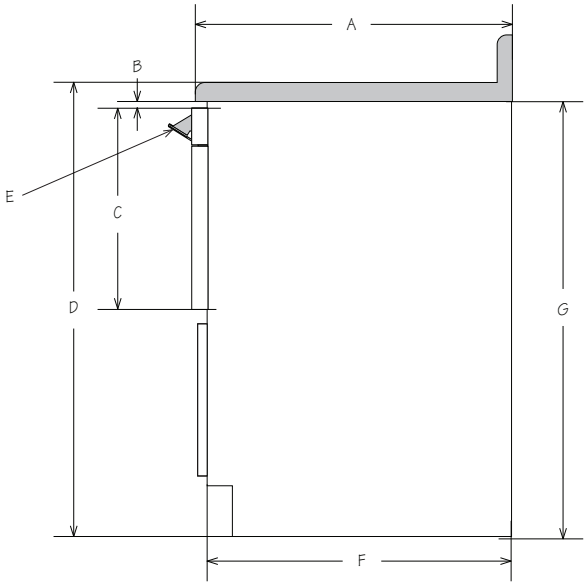


Figure 3

A. 25" (635 mm)
B. 1/2" (12.7 mm) minimum
C. 19 5/8" (498.48 mm)
D. 36" (914.40 mm)
E. Control panel shown in open position
F. 24" (609.60 mm)
G. 34 1/2" (876.30 mm)

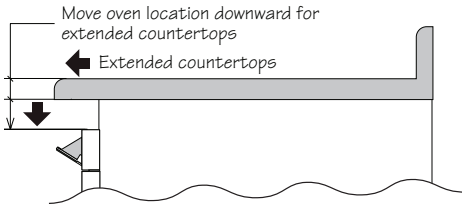
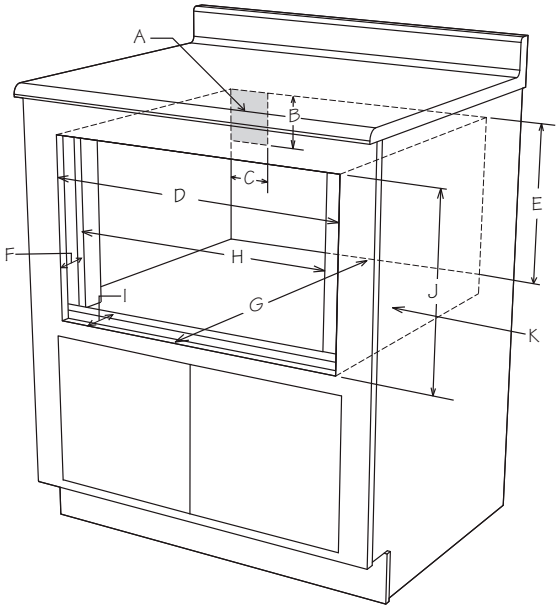


Figure 4

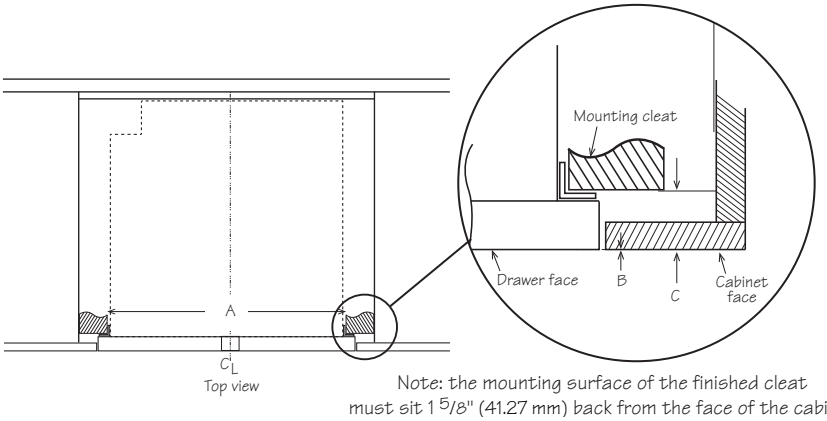
24" CONVECTION MICROWAVE DRAWER FLUSH MOUNT AND MEASUREMENTS

Prepare cabinet opening as shown in Figures 5, 6, 7



A. Suggested electrical outlet location
B. 5" (127 mm)
C. 4" (101.60 mm)
D. 23 7/8" (606.43 mm)
E. 19 3/8" (492.12 mm)
F. 1 5/8" (41.27 mm)
G. 23 1/2" (596.90 mm) minimum depth
H. 22 3/8" (568.32 mm)
I. 1 5/8" (41.27 mm) to front of shelf
J. 19 7/8" (504.83 mm) opening
K. Floor must support 125 lbs (56.7 kg)

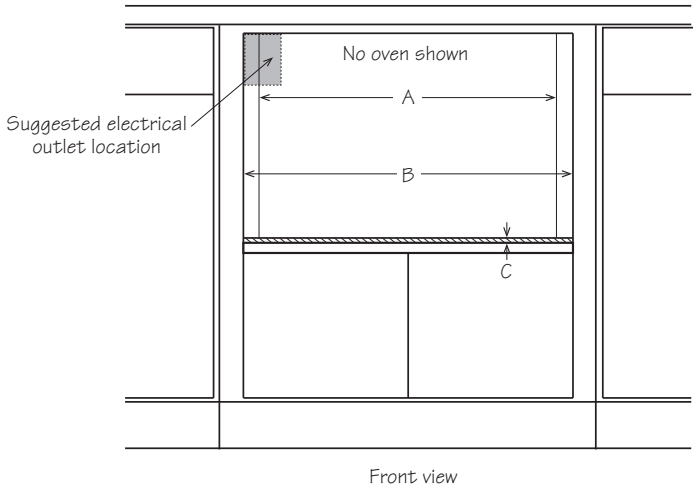
Figure 5



Note: the mounting surface of the finished cleat must sit 1 5/8" (41.27 mm) back from the face of the cabinet.

A. 22 3/8" (568.32 mm) mounting cleat opening width
B. 0" flush
C. 1 5/8" (41.27 mm) front of cleat to cabinet face

Figure 6



A. 22 3/8" (568.32 mm) mounting cleat opening width
B. 23 7/8" (606.43 mm) flush opening width
C. 1/8" (3.17 mm) from opening to top of shelf

Figure 7

ELECTRICAL OUTLET

The electrical requirements are a 120 volt 60 Hz, AC only, 15 amp. or more protected electrical supply. It is recommended that a separate circuit serving only this appliance be provided.

The drawer is equipped with a 3-prong grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded. Should you only have a 2-prong outlet, have a qualified electrician install a correct wall receptacle.

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

* *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.

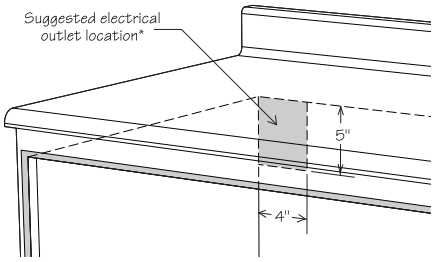
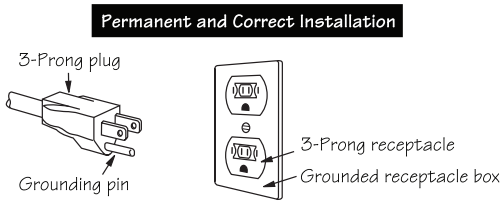


Figure 8

GROUNDING INSTRUCTIONS

This appliance must be grounded. The Convection Microwave Drawer is equipped with a cord having a grounding wire with a grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded in accordance with the National Electrical Code and local codes and ordinances. In the event of an electrical short circuit, grounding reduces risk of electric shock by providing an escape wire for the electric current.

⚠WARNING – Improper use of the grounding plug can result in a risk of electric shock. **Do not use an extension cord. If the power supply cord is too short, have a qualified electrician or serviceperson install an outlet near the appliance.**



DRAWER INSTALLATION

1. Place the Convection Microwave Drawer adjacent to the wall or cabinet opening. Plug the power supply cord into the electrical outlet.
2. Carefully guide the Convection Microwave Drawer into the prepared opening. Avoid pinching the cord between the oven and the wall.
3. Slide the Convection Microwave Drawer all the way until the mounting flange is flush with the face of the cabinet. See Figure 9.
4. Open the drawer. Using the 4 holes on the drawer as a template, pre-drill the cabinet using a 1/16" bit. See Figure 9.
5. Secure the drawer with the 4 screws supplied. See Figure 10.

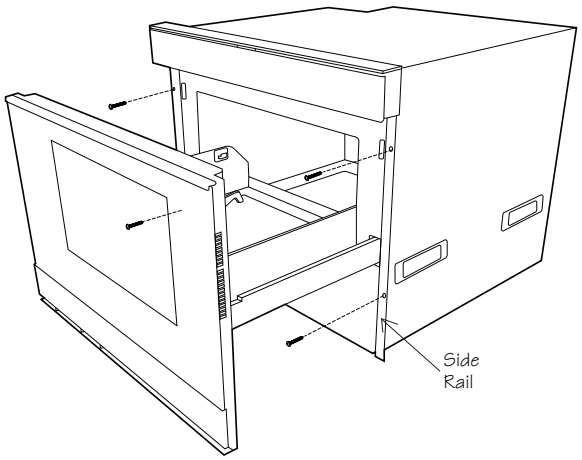


Figure 9

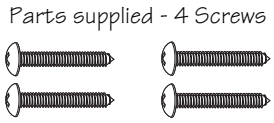


Figure 10

MODEL AND SERIAL NUMBER LOCATION

The nameplate includes model and serial number. Open the Convection Microwave Drawer fully. The label is located at the bottom left side of the oven face plate.

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 oven.

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 oven and/or need to order parts.

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