

IMPORTANT SAFETY INFORMATION READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

▲WARNING

To reduce the risk of fire, explosion, electric shock, exposure to UV radiation, or injury when using your Opal, follow these basic safety precautions.

- Do not, under any circumstances, alter or remove the third (ground) prong from the power cord. For personal safety, this product must be properly grounded.
- Do not exceed power outlet ratings. It is recommended that the ice maker is connected to its own circuit. Use only a 115 V, 60 Hz standard electrical supply that is properly grounded in accordance with the National Electric Code and local codes and ordinances.
- Due to potential safety hazards under certain conditions, we strongly advise against the use of an extension cord. However, if you must use an extension cord, it is absolutely necessary that it is a UL-listed, 3-wire ground type appliance extension cord having a grounding type plug and that the electrical rating of the cord be 15 Amperes (minimum) and 120 Volts.
- This product must be properly installed and located in accordance with the installation instructions before it is used. Product is for indoor household use only. Do not use outdoors.
- Do not store or use flammable vapors or liquids near this product.
- Do not allow children to climb, stand, or hang on the ice maker. They could seriously injure themselves.
- Do not look directly at UV lamp when it is operating. The light emitted by the lamp will cause serious eye damage and burn unprotected skin.
- In order to avoid exposure to UV radiation, disconnect power

- to the ice maker before removing the external covers.
- Do not use with water that is micro-biologically unsafe or of unknown quality.
- Place power cord in such a way it cannot be pulled on by children or cause a tripping hazard.
- Place power cord in such a way that it is not in contact with hot surfaces.
- Do not operate if any component, including the cord or plug, is damaged.
- Unplug the product before cleaning by hand and when not in use.
- Do not immerse any part of the product in water.
- Do not plug or unplug product with wet hands.
- Do not attempt to disassemble, repair, modify, or replace any part of your product.
- Use this product only for its intended purpose as described in this user manual.
- Do not use any accessories not recommended by the manufacturer.
- When handling, installing, and operating the appliance, care should be taken to avoid damage to the refrigerant tubing.
- Servicing shall be performed by factory authorized service personnel and component parts shall be replaced with manufacturer authorized replacement components.

▲CAUTION

To reduce the risk of injury when using your Opal, follow these basic safety precautions.

- Do not remove any safety, warning, or product information labels from your ice maker.
- Lifting Hazard: It is recommended to have two people move and install the ice maker in order to prevent injury.

Refrigerant and Foam Disposal

Dispose of appliance in accordance with Federal and Local Regulations. Flammable refrigerant and insulation material used require special disposal procedures. Contact your local authorities for the environmentally safe disposal of your appliance.

▲WARNING

FIRE OR EXPLOSION HAZARD Flammable Refrigerant

This appliance contains isobutane refrigerant, also known as R600a, a natural gas with high environmental compatibility. However, it is also combustible. Adhere to the warnings below to reduce the risk of injury or property damage.

1. When handling, installing, and operating the appliance, care should be taken to avoid damage to the refrigerant tubing.

2. Service shall only be performed by authorized service personnel. Use only manufacturer-authorized service parts.

3. Dispose of refrigerator in accordance with Federal and Local Regulations. The flammable refrigerant and insulation material used in this product require special disposal procedures. Contact your local authorities for the environmentally safe disposal of your refrigerator.

4. Keep ventilation openings in the appliance enclosures or in the built-in structure clear of obstruction.

5. To remove frost, scrape with a plastic or wood spatula or scraper. Do not use an ice pick or a metal or sharp-edged instrument as it may puncture the freezer liner and then the flammable refrigerant tubing behind it.

6. Do not use electrical appliances inside the food storage compartment of the appliance.

7. Do not use any electrical device to defrost your appliance

READ AND SAVE THESE INSTRUCTIONS

Parts Included

Note: The image shown here is for illustrative purposes only and may be subject to change. The actual number of accessories may vary depending on the model.

Getting Started

Installation Requirements

▲CAUTION

Lifting Hazard: It is recommended to have two people move and install the ice maker in order to prevent injury.

- Product is designed to be installed indoors. Do not use your ice maker outdoors.
- Product must be installed upright on a flat, level surface that is able to support the total weight when full of water.
- Ensure a minimum of three inches (3") clearance around the side and back walls of the ice maker for proper air circulation.

- Install the product in a well-ventilated area with an ambient temperature between 55°F and 90°F.
- Do not place the product near heat sources such as ovens or cooktops.
- Do not place the product in direct sunlight.

Prepare Opal For Use

1. Carefully remove packing material. Do not use sharp tools that can damage the box contents.

2. Ensure all components are present. If any item is missing, please contact a service center.

3. Place the ice maker upright on a flat, level surface and plug it in.

4. Install drip tray by sliding it under the front edge of Opal. The tray slots should align with the front feet of Opal.

5. Sanitize and rinse the ice maker with clean water for five minutes before first use.

▲NOTICE Some types of under-cabinet lamps can be hot enough to cause damage to your Opal top's appearance.

Care and Cleaning

To keep nugget ice tasting fresh and ice maker performing properly, descaling/sanitizing is highly recommended.

Descaling is recommended for removing hard mineral deposits and should be performed every 2-3 weeks depending on water hardness.

Sanitizing is recommended one per week. If using tap water, cleaning schedule may need to be adjusted based on hardness of water.

Harder water may require more frequent descaling or switching to distilled water is suggested. To clean the exterior of the ice maker, unplug the product, then use a soft cloth dampened with soapy water to gently clean the exterior surfaces. Dry with a soft cloth. Do not use soap to clean the reservoir. Use a soft cloth moistened with water.

▲WARNING Chemical Exposure Hazard, when cleaning with bleach, use bleach in a well ventilated area and avoid mixing bleach with other household cleaners.

▲WARNING Unplug the product before cleaning by hand, and when not in use.

System Descaling / Sanitizing Procedure

To clean Opal's internal components, complete the following steps:

- Unplug Opal.
- Remove water filter (if present), and replace with the reservoir's screened intake cap. See Figure 1.
- Drain Opal .
- Descaling:** Fill reservoir with white vinegar up to the Max Fill Line or use the Opal Cleaning Kit and follow instructions provided.
- Sanitizing:** Create a solution by filling the water to the Max Fill Line and then adding one teaspoon of bleach.
- Pour solution into water reservoir, up to the fill line shown. See figure 2.
- Plug in Opal and hold the 'Clean' button for 3 seconds to initiate the cleaning process. See figure 3.
- Water will begin circulating and the 'Cleaning' indicator will light up on the left-hand side of the unit to confirm the unit is now in cleaning process. See figure 4. After three minutes the water will stop and the 'Cleaning' indicator light will turn off.
- NOTE:** Do not use soap to clean the water reservoir.
- Descaling:** run the clean cycle up to 3 times and then let the unit sit for 18 hours and soak. While the unit is soaking, dip a cloth in the solution and wipe the inner walls. Use a cotton swab to clean any cracks. When you are done, rinse the cloth with clean water and wipe Opal again to remove any cleaning solution. Repeat process for very heavy scale deposits.
- Sanitizing:** once the Cleaning indicator turns off, promptly drain the Opal.
- Set a vinegar-soaked towel on the ice chute overnight to further dissolve any mineral buildup. See figure below.

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

Figure 7

Pull to the left to unhook

Figure 8

Figure 9

Figure 10

Replace drain tubes

Figure 11

Figure 12

Cleaning the Bin and Tray

To clean the ice bin, remove the ice bin from the ice maker and clean with a soft cloth dampened with soapy water. Rinse thoroughly. Dry with a soft cloth. **Do not use solvents or chemicals.**

The drip tray should be wiped dry. Water left in this area may leave deposits. To clean the drip tray, remove the tray from Opal and use a soft cloth dampened with mild soapy water to gently clean the surface. Dry with a soft cloth. **Do not use solvents or chemicals.**

Understanding the display

Power
The Power button, when pressed, will begin the ice making process. When pressed, while ON, will turn the ice maker off.

Light
The light feature has three different modes: ON/DIM/OFF. Toggle between the three modes by pressing the light button until you reach your desired lighting mode.

Clean
The cleaning cycle is initiated by pressing and holding the 'Clean' button for three seconds.

Descalcification
After 100 hours of ice making, the 'Cleaning' indicator will flash to alert the user that a descale cycle is needed. Flashing will stop once the cycle has been completed.

Defrosting
If the ice maker has detected a frozen auger and low ice production then the Defrosting indicator will light up. The unit will run a rinse cycle to defrost the ice maker and then start making ice again.

Indicator Lights
The four indicator lights on the left-hand side of the unit display the current status of the Opal. If 'Add Water' is highlighted, your unit needs more water before it can cycle to make ice or clean.

WiFi
Using the complimentary SmartHQ mobile app, customers can connect to their Opal and control it from their Android or iPhone. The indicator light on the left-hand side will confirm a successful connection. See page 14 for how to connect Opal 2.0 Ice Maker to WiFi Application.

The image shown here is for illustrative purposes only and may be subject to change. The actual descriptions of control panel and their locations may vary, depending on the model.

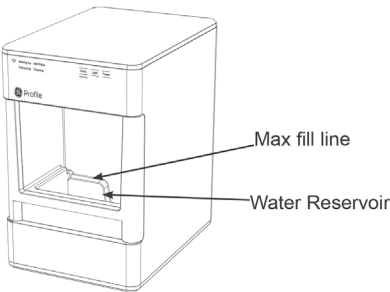
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MODEL: XPIO13BCBT_XPIO13SCSS_XPIO23BCBT_XPIO23SCSS

Making Ice with Opal

Once Opal has been cleaned/sanitized, move the ice maker to its desired location and complete the following steps.

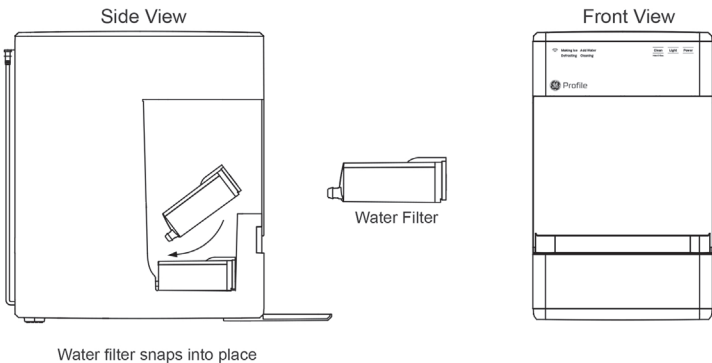
1. Remove ice bin.
2. Fill reservoir with potable (safe to drink) water up to the "Max Fill" line. Water hardness must be less than 12 grains per gallon. Do not fill reservoir with any liquid except water. Using any liquid except potable water is misuse and will void your warranty.
3. Plug the ice maker into a grounded outlet.
4. Touch the Power button to start the ice maker. The indicator on the left-hand side will light up 'Making Ice' to confirm that unit has begun to make ice.
5. Opal will begin to produce ice in 20 minutes or less. It will continue to make ice until the bin is full, or it runs out of water. To continue making ice, just add more water.



Water Filter

The Opal Water Filter, is available at GE Appliances and is the only water filter compatible with Opal. Please follow the installation instructions included with your filter.

NOTE: Remove your water filter (if installed) and reinstall the screened intake cap prior to cleaning your Opal.



Side Tank Accessory

NOTE: The Side Tank Accessory is only included with model number XPIO13BCBT and XPIO13SCSS.

⚠WARNING

To reduce the risk of electrical shock or injury when using your Opal, follow these basic safety precautions:

- Unplug the product before cleaning by hand and when not in use.
- Do not use with water that is microbiologically unsafe or of unknown quality.
- Use caution when filling and installing Opal Side Tank, as filled unit may be heavy.
- Do not use this side tank for any liquid other than water.

- Children should not fill or install Opal Side Tank, as filled unit may be heavy.
- Side tank should be assembled to ice maker per installation instructions. Installing side tank in a different manner may result in overturning risk.
- Make sure that Opal Nugget Ice Maker is unplugged when draining reservoir and installing Opal Side Tank.

NOTE: There are two drain tubes located on the back of your Opal Nugget Ice Maker indicated as drain tube A and B in the illustration below.

1. Hand Wash Only: Rinse and hand wash Opal Side Tank with warm water and a mild dish soap. Rinse the cap, rubber valve, tank and the base well to remove any residual soap (see illustration).

DO NOT WASH THE SIDE TANK IN THE DISHWASHER.

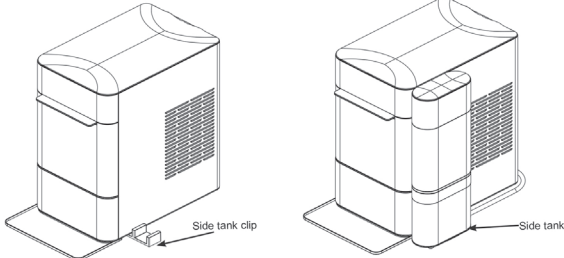
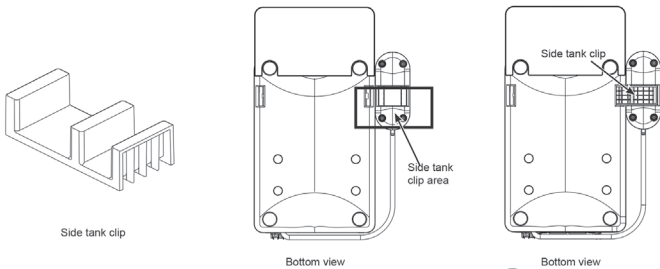
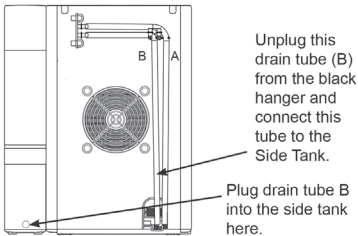
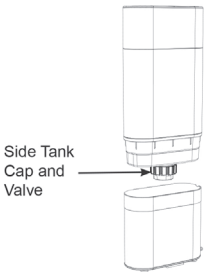
2. Unplug Opal Nugget Ice Maker. Unhook Opal's drain tubes and drain the water from the reservoir.

3. Connect drain tube, labeled B, to the back of Opal Side Tank's base.

4. Make sure drain tube (A) is connected to the black hanger and installed on the back of Opal.

5. Make sure drain tube (B) connecting to the Side Tank is resting flat on the countertop.

6. Place Opal Side Tank base on the right or left-hand side of the Opal Nugget Ice Maker. Using the side tank attachment, slide the shorter side of the attachment under the unit, near the front of the unit. The attachment will slide into a slot on the bottom of the unit. Once this is placed, the side tank can slide onto the opposite attachment. See figures on next page. Do not elevate the side tank or your ice maker reservoir may overflow.



7. Lift the side tank reservoir from the base, unscrew the cap and fill side tank with water. Replace cap after side tank reservoir is full.
8. Carefully flip over Opal Side Tank's reservoir and place in the base. Water should start flowing into the Opal Nugget Ice Maker and bubbles in the Opal Side Tank will appear periodically during the time water is flowing to the ice maker.
9. Fill Opal Nugget Ice Maker's reservoir (if desired).
10. Plug in Opal Nugget Ice Maker, and begin making ice.

The images shown here are for illustrative purposes only and may be subject to change.

Troubleshooting

Normal Operating Sounds

Your new ice maker may make sounds that are not familiar. Most of these sounds are normal. Hard surfaces like the floor, walls, and countertops can amplify these sounds. The following describes the sounds that may be new to you and what may be creating them.

- **WHIR** - When Opal is first turned on, you may notice the condenser fan spinning.
- **BUZZ** - When the water pump first turns on, it may be dry and slightly noisy. Once it is filled with water, the noise reduces significantly.
- **RATTLE** - Rattling noises may be produced from the flow of the refrigerant. These noises should reduce significantly once the refrigerant system has stabilized.
- **GURGLE** - When the refrigerant system shuts off, there may be a brief gurgle as the refrigerant stops flowing.
- **HUM** - The compressor is a motor. It produces a low toned humming sound while it is running.
- **CLICK** - As nugget ice is produced, it drops into the ice drawer. The first nuggets produced are the loudest, as they impact the bottom of the ice bin. As the bin fills, this noise reduces significantly.
- **SQUEAK** - When Opal is in need of defrosting, it may start to squeak as ice starts to build up around the mechanisms. The defrost cycle is automatic, and may take 30-45 minutes. During this time, the front button won't respond. More frequent squeaking usually requires white vinegar cleaning to remove internal mineral scale buildup.

WiFi Connect – SmartHQ

Your OPAL 2.0 ice maker is WiFi Connect Enabled. A WiFi communication card is built into the product allowing it to communicate with your Smart Phone for remote monitoring, control, and notifications.

Please visit geappliances.com/ge/connected-appliances/ to learn more about connected appliance features and to learn what connected appliance App's will work with your Smart Phone.

Regulatory Module Instruction

This Wi-Fi/Bluetooth module installed in this product has been granted modular approval for mobile applications. The module has been certified by FCC/IC/Bluetooth SIG, and complies with FCC/IC regulations. The product description is as follows.

- Product Name: Opal 2.0 Ice Maker
- Contains FCC ID: ZKJ-WCATA008
- Contains IC: 10229A-WCATA008

RF Exposure Information

This device complies with 47 CFR § 2.1091 and 2.1093.

§ 2.1091 Radiofrequency radiation exposure evaluation: mobile devices.

(b) For purposes of this section, the definitions in § 1.1307(b)(2) of this chapter shall apply. A mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and the body of the user or nearby persons. In this context, the term "fixed location" means that the device is physically secured at one location and is not able to be easily moved to another location while transmitting. Transmitting devices designed to be used by consumers or workers that can be easily re-located, such as wireless devices associated with a personal desktop computer, are considered to be mobile devices if they meet the 20-centimeter separation requirement.

(d) (4) In some cases, e.g., modular or desktop transmitters, the potential conditions of use of a device may not allow easy classification of that device as either mobile or portable (also see § 2.1093). In such cases, applicants are responsible for determining minimum distances for compliance for the intended use and installation of the device based on evaluation of either specific absorption rate (SAR), field strength or power density, whichever is most appropriate.

§ 2.1093 Radiofrequency radiation exposure evaluation: portable devices.

(b) For purposes of this section, the definitions in § 1.1307(b)(2) of this chapter shall apply. A portable device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that the RF source's radiating structure(s) is/are within 20 centimeters of the body of the user.

Further guidance for equipment used in general population/uncontrolled or occupational/controlled environments is provided in various KDB Publications 447498 and 616217.

447498 RF exposure procedures and equipment authorization policies for mobile and portable devices
616217 SAR evaluation considerations for laptop, notebook, netbook, and tablet computers

FCC Part 15 Information

(COMPLIANCE INFORMATION)

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions.

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.
 - a. That module is limited to OEM installation ONLY.
 - b. That OEM integrators are responsible for ensuring that the end-user has no manual instructions to remove or install module.
 - c. That module is limited to installation in mobile or fixed applications, according to Part 2.1091(b).
 - d. That separate approval is required for all other operating configurations, including portable configurations with respect to Part 2.1093 and different antenna configurations.
 - e. That grantee shall provide guidance to the host manufacturer for compliance with Part 15 subpart B requirements.

(INFORMATION TO USER)

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠CAUTION Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 15 Information

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

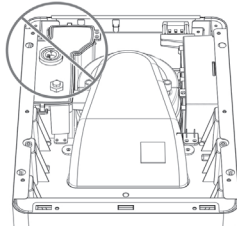
- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with radiation exposure limits set forth for an uncontrolled environment and meets FCC Radio Frequency (RF) exposure guidelines and RSS-102 **Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)**. This equipment radiates very low RF energy which is deemed to comply without specific absorption rate (SAR) evaluation.

UV Radiation Exposure

⚠WARNING In order to avoid exposure to UV radiation, disconnect power to the ice maker before removing the external covers.

Do not Attempt to repair or replace the UV lamp



Ice Maker Product Specifications

Description of product	Portable nugget ice maker
Model	XPIO13BCBT / XPIO13SCSS / XPIO23BCBT / XPIO23SCSS
Voltage/Frequency	120V AC/60Hz
Current	3.0 A
Ice storage capacity	3.0 lbs
Ice making rate	38 lbs per day / 1.6 lb per hour*
Dimensions (width x depth x height)	13.43 x 17.5 x 16.5
Installation clearance (sides and back)	3 in
Operating environment	55°F - 90°F
Weight (when empty)	37.6 lbs

NOTE:Technical data and performance information provided for reference only.

Specifications are subject to change. Check the rating label on your ice maker for the most accurate information.

*The actual quantity of ice produced will vary with environmental conditions.

NOTE: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

Use and Care

Cleaning the Side Tank

- Remove and drain the Side Tank.
- If there is residual water in Opal Side Tank base unit, flip Opal Side Tank's base to drain.
- Remove and wash Opal Side Tank's cap and valve with dish soap and warm water as needed. Ensure the cap is clean after removing and re-installing by hand.

- Only remove drain tubes while near a sink or bucket, as removing drain tubes from Opal or Opal Side Tank will drain any water in either unit.

Proper Installation and Location

The side tank should be installed flush to the front of the Opal Nugget Ice maker. Opal Side Tank needs to sit on the same level surface as your Opal Nugget Ice Maker. Do not elevate Opal Side Tank, or your Opal may overflow.

Side Tank Troubleshooting

If water does not flow from the Side Tank to the Opal Ice Maker:

There may be bubbles in the tube connecting the side tank to the Opal if the tube is not lying flat. Try adjusting the tube to allow the water to flow. Once water starts flowing it typically will not need further adjusting.