

# EVERY THING YOU NEED TO KNOW ABOUT YOUR



XOUM1565S & XOUM1565SP

INDOOR / OUTDOOR

UNDERCOUNTER GOURMET ICE MAKER

I worked really hard  
on this manual -  
so please read it...



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PLEASE READ AND FOLLOW  
ALL SAFETY INSTRUCTIONS

It's for your  
own good...  
Honest.

# DEAR INSTALLER

## HERES'S TEN STEPS FOR A QUICK & EASY INSTALL

- ① Inspect cabinet opening for water, drain and electrical connections.  
  
The 1/4" O.D. water supply line must include isolation valve and should include an inline water filter (consult manual). Do NOT use a self-piecing valve for the supply connection. Water supply must have a minimum pressure of 20 psi and a maximum of 80 psi. Cold water should be between 50°F and 90°F - NOTE: warmer water will slow ice production. Water quality directly affects performance and product life - use of an inline water filter is strongly recommended.
- ③ Drain tubing will be 5/8" ID gravity fed or 3/8" ID for a pump model. All horizontal drain runs must drop 1/4" per foot. The drain should include and air gap device to prevent siphoning and a sanitary trap. A restricted or inadequate drain can result in poor ice production and possible flooding.
- ④ Electrical requirement is 15a dedicated, grounded circuit - outdoor installs must use a GFI.  
  
Route water supply tubing to the water inlet located at the rear of the unit.
- ⑤ Connect the drain tubing to either the pump discharge or the barbed gravity fed elbow. Be sure nothing is kinked, and excess slack is removed. Be sure the electrical connection is secure into the wall outlet.
- ⑥ Slide the machine into location or cavity being careful not to allow for any kinks to occur in the water inlet and drain tubing.
- ⑦ Adjust the Ice Maker to level using the leg levelers.
- ⑧ Add approximately 2-3 quarts of water to the bin and make certain it is draining properly and check for leaks. If water does not drain, stop and verify tubing is not restricted.
- ⑨ Wash down the interior of the machine with a mild detergent solution (consult manual)
- ⑩ Turn the machine on and allow it to make ice for approximately 30-35 minutes to verify ice is being produced and water is draining freely. Be sure to check the cube size, shape and clarity. Discard the first batch of ice. adjust if needed.

Always do one last check to be sure all water and drain connections are leak free.

### **DANGER**

#### **RISK OF CHILD ENTRAPMENT!**

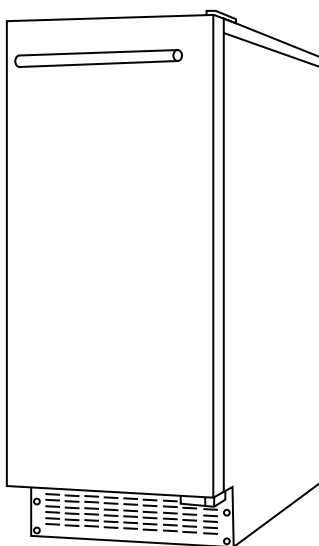
An empty refrigerator is a very dangerous attraction to children.

Remove door gaskets, latches, lids, lock and/or doors from unused or discarded appliances, or take other actions to guarantee them harmless.

Always dispose of old appliances in accordance with local laws and regulations.

# THESE ARE THE MODELS COVERED IN THIS BOOK

INDOOR / OUTDOOR  
GOURMET ICE MAKER



XOUIM1565S

XOUIM1565SP

TAKE A MINUTE TO CIRCLE YOUR MODEL ABOVE  
AND RECORD YOUR SERIAL NUMBER  
HERE IN CASE YOU NEED IT LATER



# YOUR SAFETY MATTERS

## Please read through completely before using your XO Unit

Periodic maintenance is essential for safe operation - the unit must be easily pulled out for full access.

The appliance must be positioned so that the plug and water shutoff are readily accessible.

Empty your XO unit before attempting to move the appliance. Moving while loaded may damage or distort the frame.

The compressor will get HOT during operation / touching it may cause injury.

During installation follow all safety tips provided in this manual / appropriate safety equipment such as safety glasses and work gloves should be worn.

Two people should move or lift your XO unit to prevent injury or damage.

Remove all interior and exterior packing materials prior to installation and dispose of properly.

Always use only approved cleaning and descaling products to maintain your XO Ice Maker.

For maximum efficiency, keep the door tightly shut unless removing ice.

Before installing, allow your XO unit to sit upright for 2 hours at the install site. This will allow the cooling system to stabilize after transportation. Failure to follow this step may cause problems.

Never store bottles, cans or perishable food products such as meat or cheese in your XO Ice Maker.

## Location

Your XO unit should be located away from direct sunlight and heat sources (stove, heaters, etc.) which may increase electrical consumption. High or low ambient temperature may cause units to work improperly. Optimal operation occurs in the ambient temperatures of 50° - 68° F and water temperature below 50°.

The floor must be strong enough to support your XO unit fully loaded.

Your XO unit must not be installed in areas of where water or excessive moisture are present.

Your XO unit must not be installed near where flammable, corrosive or hazardous materials are present.

Your XO unit's final installation must observe the correct minimum air clearances around and behind the unit to ensure adequate ventilation. In addition, all ventilation openings must be kept clear and free of obstructions, failure to do so will result in damage to the unit.

## WARNING

NEVER use external heat sources to accelerate defrosting

NEVER permit unauthorized service or modifications to your XO unit

NEVER tamper with the sealed refrigerant system - this unit uses R134a Refrigerant.

It should never be used in the vicinity of any flammable or explosive ignition sources.

ALWAYS FOLLOW THE ELECTRICAL SAFETY INSTRUCTIONS OUTLINED IN THIS MANUAL.

# ELECTRICITY - THIS IS SERIOUS

**Failure To Follow All Electrical Safety Measures May Result in Serious Injury, Fire Or Death**

All electrical work should only be performed by an experienced, licensed electrician.

All XO units **MUST** be grounded for safe operation and come equipped with a 3 Prong molded cord/plug for that purpose.

NEVER remove or disable the 3rd prong with an adapter.



NEVER use an extension cord to operate your XO unit.



Your XO unit is built to operate on 115V 60Hz and should be plugged directly into a dedicated 15 amp 3 prong outlet. If you are uncertain as to the voltage, amperage capacity or if the 3rd prong is properly grounded - consult a licensed electrician.

To maximize the depth of the installation recess - your outlet should be mounted flush with the wall.

Your XO unit should not share the circuit with any other electrical devices as this may cause overloading, overheating, blown fuses or tripping circuit breakers. In a worst case this can pose a fire hazard.

NEVER handle your XO unit in wet conditions as this can pose a severe danger of electric shock.

Exercise care when moving your XO unit to avoid damage to the electrical cord. If the electrical cord of your XO unit becomes worn or damaged it must be replaced immediately by a qualified technician.

NEVER unplug your unit by pulling on the cord. Unplug by gripping the plug firmly and pull out straight from the outlet.

## FOR INDOOR OR OUTDOOR USE:

XO Ice Makers shown in this manual are rated for Indoor and Outdoor use.

These units are designed to operate in ambient temperatures between 50° and 90° F.

Avoid installing the unit where it may be exposed to heat or direct sun, dusty or damp conditions or in a location where it may be rained on or splashed by water.

Never install the unit where flammable or corrosive chemicals (such as pool chemicals) are present.

Installation in seaside environments where high concentrations of salt are present will require more frequent cleaning to avoid corrosion.

Use in any uncontrolled area or otherwise exposed to the elements is hazardous and voids the warranty.

In regions where high humidity exists (greater than 70%) condensation may appear on the door and/or door gaskets. This is normal and will disappear as humidity drops.

<b>SERVICE</b>	<b>115V - 60 Hz - 1 phase</b>
<b>AMPS</b>	<b>15 Amp Circuit Breaker</b>
<b>Requires a Dedicated Outlet</b>	
<b>GFI required for Outdoor Installations</b>	
<b>All electrical work must be performed by a licensed electrician</b>	

### State of California Proposition 65 Warning (US only)

#### ⚠ WARNING

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Serious injury, fire or death...

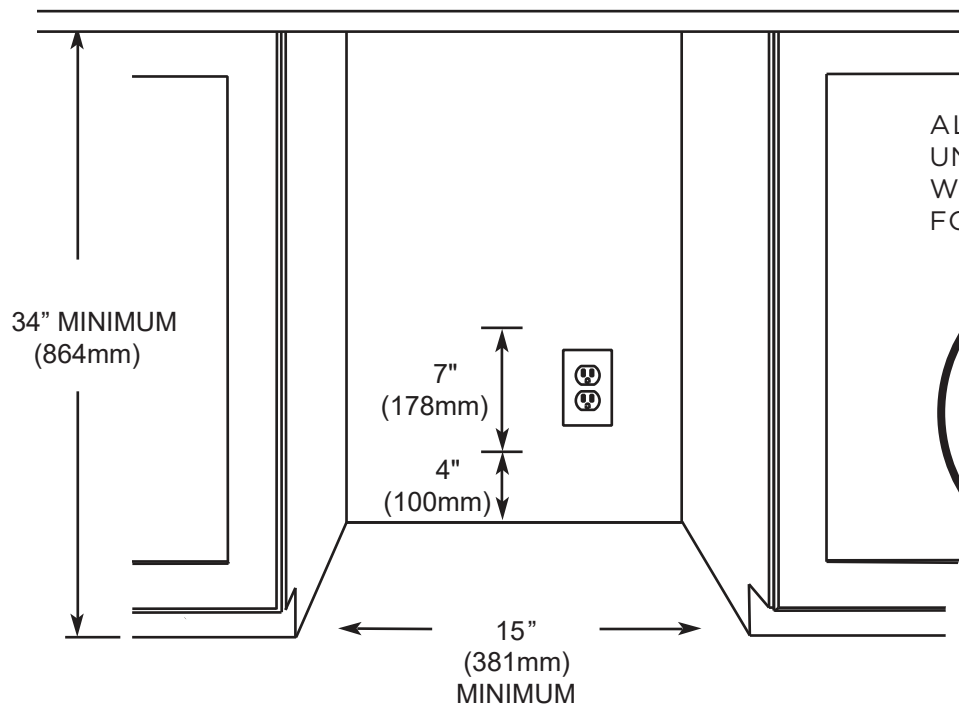
Okay -

You've got my attention!

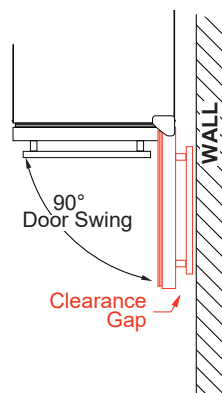
# XO

# A PERFECT FIT

## INSTALL UNDER COUNTER

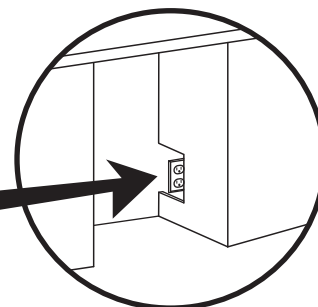


ALL XO UNDERCOUNTER  
UNITS ARRIVE PRE-WIRED  
WITH LOW PROFILE PLUGS  
FOR EASY INSTALLATION



WHEN INSTALLING WITH  
THE HINGE SIDE NEXT TO A WALL -  
LEAVE ADEQUATE SPACE FOR  
DOOR HANDLE (2 1/4")

When installing, remember you need  
to leave ready access to both the power  
plug and water shut off valve.  
Cut access to an adjoining cabinet and  
to secure the unit easily.



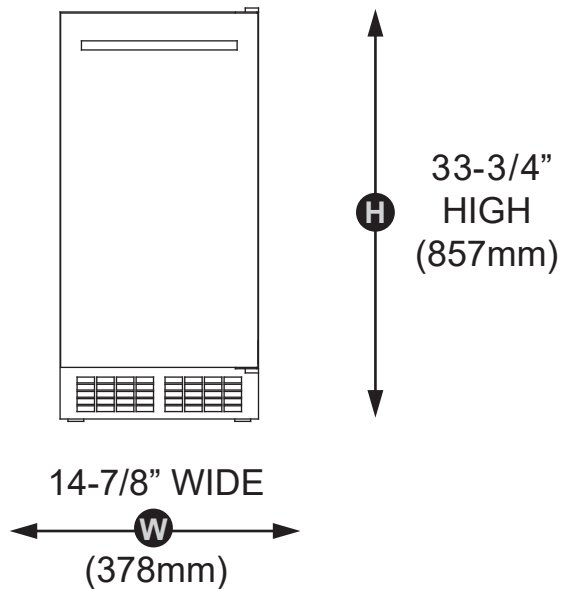
**XO**

# A PERFECT FIT

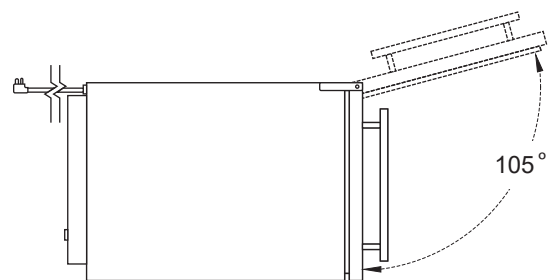
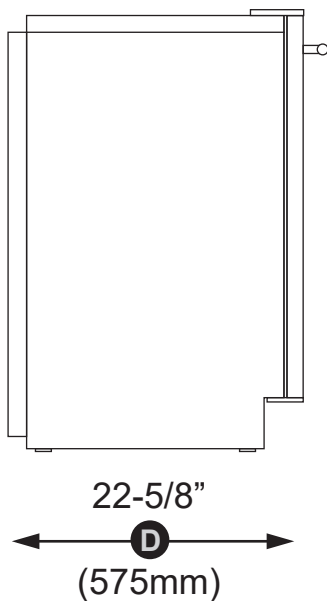
YOUR XO IS THIS BIG ( OR SMALL, AS THE CASE WOULD BE )

## HEIGHT & WIDTH

### XOUM1565G & XOUM1565GP ICE MAKER



## DEPTH



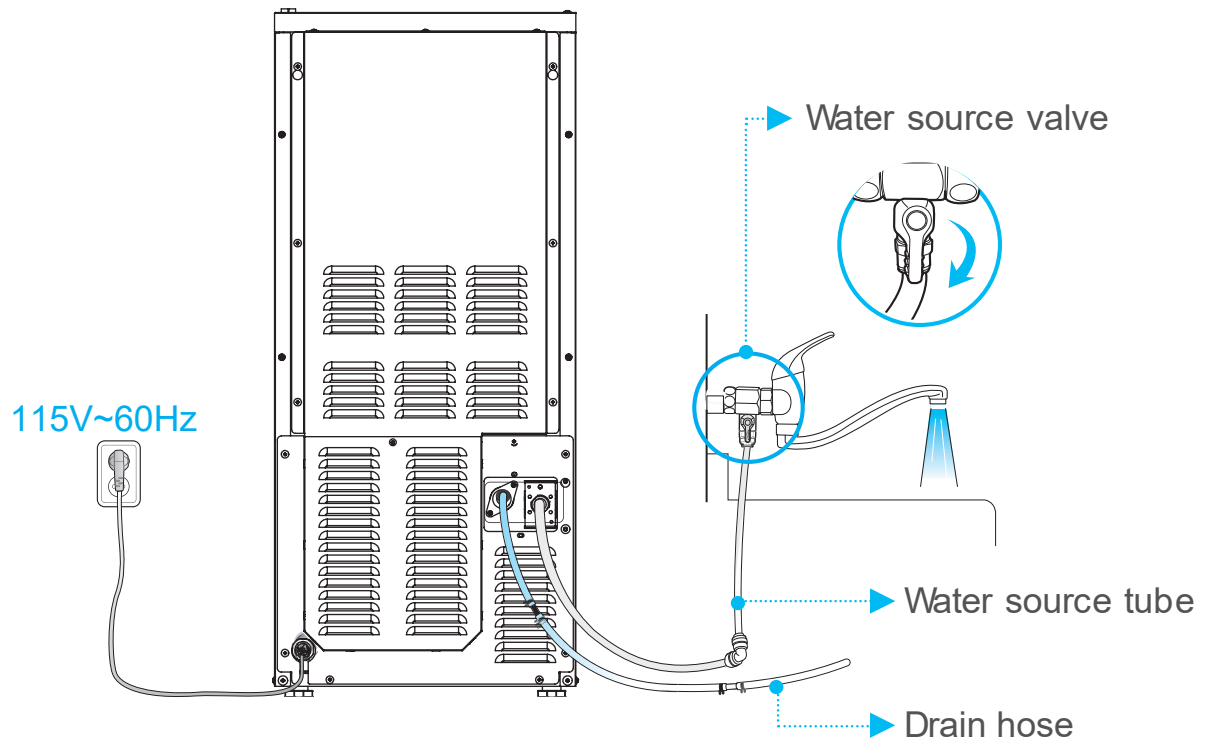
TOP VIEW

THE OVERALL DEPTH SHOWN (22-5/8") INCLUDES THE DOOR WITHOUT HANDLE.  
THE HANDLE ADDS 2-1/4" TO THE DEPTH.  
THE DEPTH OF THE ICE MAKER CABINET ONLY IS 21-3/16"



# BEFORE YOU INSTALL

## CHECK A FEW THINGS



Is the installation location COOL, DRY, LEVEL and away from direct sun.

The water supply valve must provide positive shut off capability and be readily accessible.

Does the unit have a dedicated 115V three prong grounded outlet? (use GFI outdoors)

The Cold Water supply is 1/4" O.D. tube, it should be 50° to 90° F and be between 20 and 80 psi.  
(NOTE: as the inlet water temperature increases - production efficiency goes down.)

### YOU WILL NEED -

A few simple hand tools:

Pump pliers, adjustable wrench, #2 Phillips head screwdriver, level, razor knife

AND a few hardware items:

Teflon tape or Pipe dope

5/8" I.D. drain hose and hose clamps (if installing a gravity drain model)

1/4" O.D. water supply hose

Air Gap Device and/or Sanitary Trap (depending on your installation).

Water filter with isolation valve

Depending on your installation you will probably require additional site specific plumbing fittings

# WATER QUALITY

All water contains some impurities and minerals.

Your XO Ice Maker is designed to produce crystal clear, gourmet ice. It does this by reducing the mineral content in the water as the ice is forming.

## **PURER WATER YIELDS PURER ICE.**

Cubes are formed by cold water spraying against a chilled mold. Pure water freezes faster than water containing impurities. The spraying action causes the cubes to be built up in layers as the pure water freezes more quickly and the water containing impurities is washed away by the spray and falls into the water bin to be diluted and drained away.

When the ice maker senses the cubes are fully formed and ready, the ice cube molds are heated slightly causing them to drop out of the mold and into the ice holding bin.

Periodic maintenance is required to ensure that your ice maker is performing at its best. See the maintenance section of this book and the Maintenance Schedule.

## **FILTERS AND WATER TREATMENT**

The correct filter is always recommended. It has the ability to remove odors as well as particulate from water prior to reaching the ice maker.  
(consult [www.xoappliance.com](http://www.xoappliance.com) for more information on which filter is right for you)

Water softeners exchange one mineral for another (salt) which can cause inferior ice quality such as soft, mushy ice that clumps together. If you are using a water softener, you should install a bypass to supply untreated water to the ice maker.

Water produced by Reverse Osmosis and deionized water are not recommended. It is more corrosive than tap water and can cause harm to the equipment over time.

# THE PLUMBING

Plan the arrangement of the water supply pipes. You will need both a water supply line and a drain (see section on installing a gravity drain unit or pump drain unit)

Connect a 1/4" O.D. copper tube to the COLD tap water pipe and install a shutoff valve. Do not install the shutoff valve at the back of the product. Do not use a self-piercing valve. If the tap water has a high level of minerals, a pipeline filter will be required.

Attach the water supply line to the rear of the unit with flexible tube to the fitting indicated here. The tubing must be long enough to permit the unit to be pulled out for service.

Water supply should be between 20psi and 80psi.

Attach the drain to the connection indicated here. If you are installing an XOUM1565S unit with a gravity drain, the line must be pitched down 1/4" per ft to ensure correct drainage.

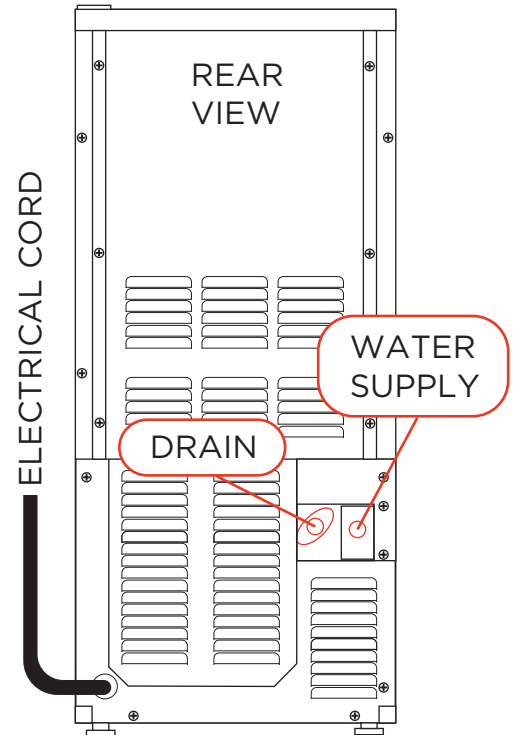
If the drain is positioned at a higher elevation than the connection on the rear of the unit, a pump will be required. Use model XOUM1565GP. This unit comes with a pre-installed drain pump capable of discharging to a drain up to 8' above the unit.

**IMPORTANT:** The keep drains as short and straight as possible for optimal performance.

The electric power, water supply pipeline and drain pipeline must be in compliance with all provisions under the local laws and building regulations.

**IMPORTANT:** The product is designed for use in a fixed condition but it may be required to pull the product out for service. Therefore, do not install any material at the front, upper or lower end of the product which may be an obstacle when pulling the product out.

Once the unit is in place, use the leveling legs to ensure the unit is level. Each side should have at least 1/16" of space for projection of the screw head near the bottom.



# WITH GRAVITY DRAIN

## INSTALLING THE XOUIM1565S without a drain pump.

Position the ice maker in front of the opening. Level the unit using the leveling legs.

Wash and flush the water supply tube and connect the unit to the cold water isolation valve.

Prepare the drain. The drain must be pitched downward at a drop of 1/4" per foot to drain properly. Horizontal runs of 5' or more must be anchored to a wall for support to prevent sagging.

A sanitary trap and air gap must be installed in the line prior to entering the home's drain system.

The trap prevents sewer gas from flowing back to the ice maker.

The air gap device prevents siphoning drain water back into the ice maker.

Cut the 5/8" ID drain hose (not supplied) to the required length. Immerse the hose in warm water to make installation easier, then using a threaded hose barb connection sealed with teflon tape, connect the drain hose to the drain using hose clamps.

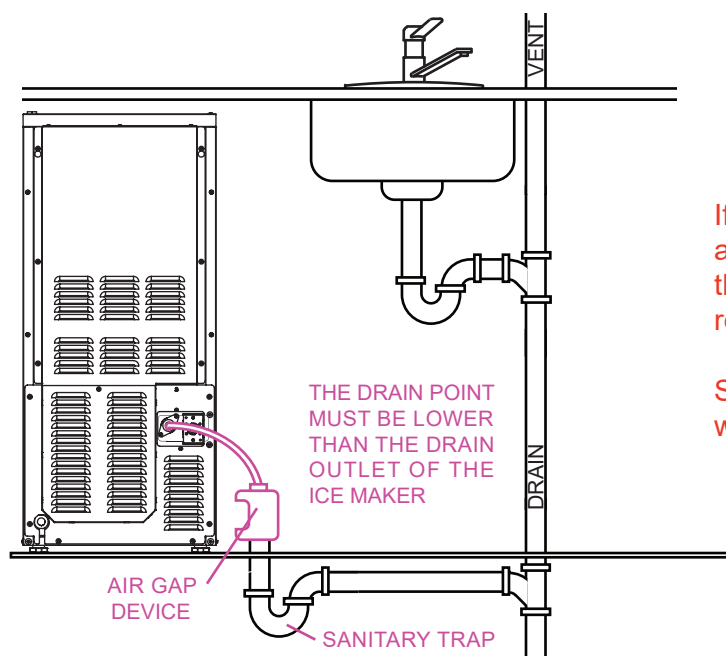
Turn the water supply on and check to ensure there are no leaks.

If there are no leaks, plug the unit into the electrical outlet.

Press the switch to the "ICE" position. The compressor will run approximately 3 - 5 minutes.

Slide the unit back into it's final position and recheck to ensure it is level.

**REMEMBER to adhere to all local building codes and regulations**



If you purchase a gravity drain unit and find you need one with a pump the XOUIM1565S can easily be retrofitted with one in the field.

Simply order a XOUIPUMP from [www.xoappliance.com](http://www.xoappliance.com)

# WITH DRAIN PUMP

## INSTALLING THE XOUM1565SP with DRAIN PUMP.

Position the ice maker in front of the opening.

Level the unit using the leveling legs.

Wash and flush the water supply tube and connect the unit to the cold water isolation valve.

Cut the 3/8" diameter drain hose to the required length. Immerse the hose in warm water to make installation easier, then connect the drain hose to the drain using hose clamps.

(9' of 3/8" ID drain hose is included with pump models)

**IMPORTANT:** Check local codes to determine if an air gap is required between the drain and the pump.

Turn the water supply on and check to ensure there are no leaks.

If there are no leaks, plug the unit into the electrical outlet.

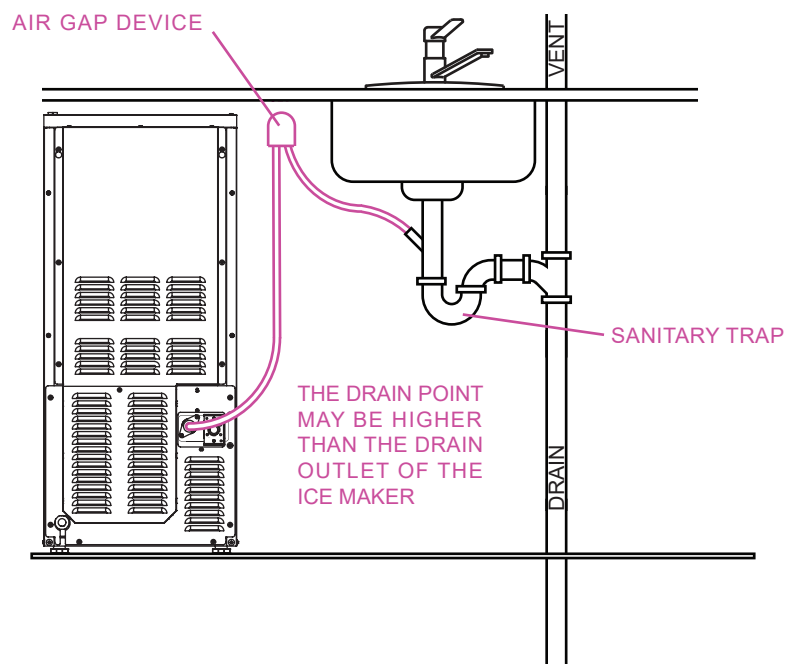
Fill the ice container with clean tap water approximately 3/4 full. The drain pump should turn on and pump the water out. Check again for leakage.

Press the switch to the "ICE" position. The compressor will run approximately 3 - 5 minutes.

Fill the ice container to 3/4 full once more. Block the drain tube while the pump is running. The pump should continue to run.

Slide the unit back into it's final position and re-check to ensure it is level.

**REMEMBER to adhere to all local building codes and regulations**



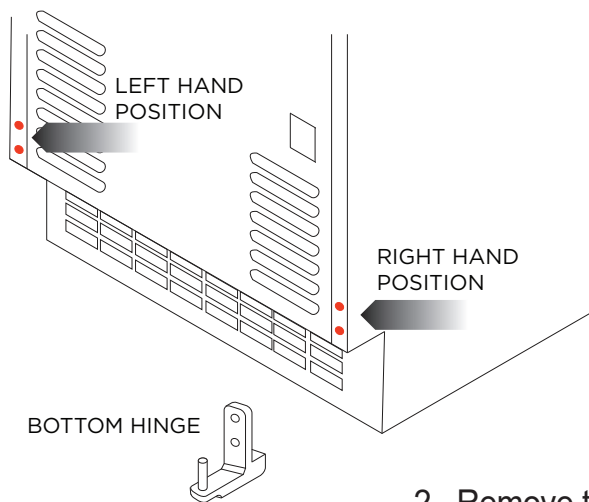
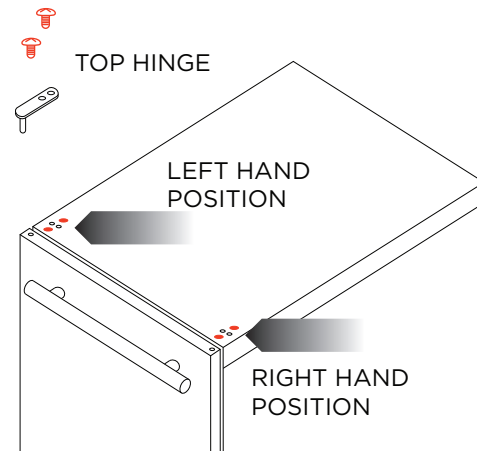
# REVERSING THE DOOR

Your XO Ice Maker is shipped with the door hinge on the right hand side.

Reversing the door is easy, simply follow these steps, you will need a #2 Phillips Head Screwdriver.

1. While supporting the door, remove the two (2) screws (shown in RED) that hold the Top Hinge in place.

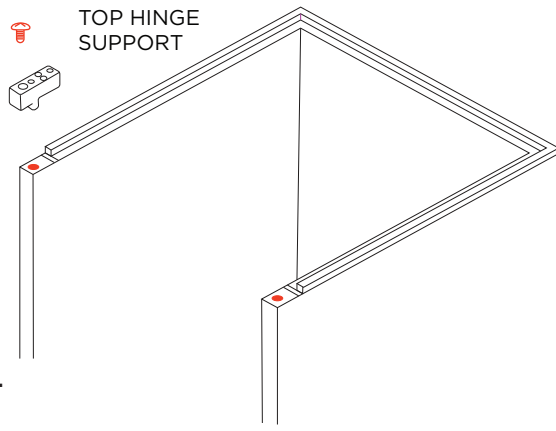
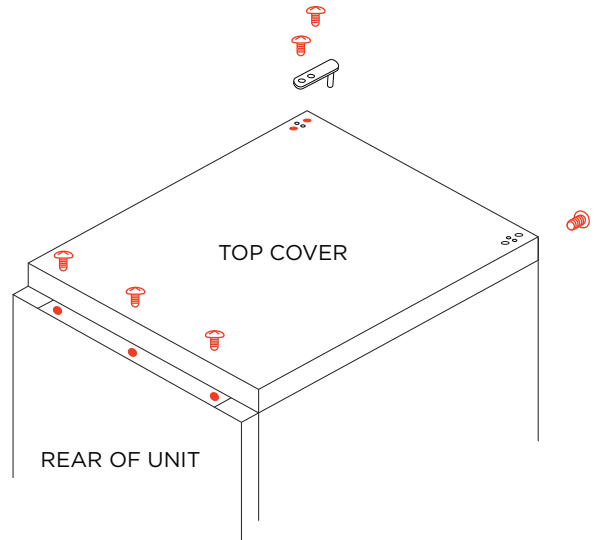
Then remove the door by lifting it straight up.



2. Remove the two (2) screws that hold the Bottom Hinge in place. Remove the two (2) corresponding screws on the left hand side. Install the Bottom Hinge in the left hand position and install the remaining two (2) screws into the holes on the right hand side.

# REVERSING THE DOOR CONT.

3. At the rear of the unit, there are three (3) screws along the top. Remove these screws. On the top front of the unit, there is one (1) additional screw on the left hand side, remove this screw. The Top Cover plate will now lift off.



4. Remove the Top Hinge Support which is held in place by one (1) screw from the right hand side and transfer it to the left hand side re-attaching it with the screw.

Replace the Top Cover plate using the three (3) screws along the rear of the unit. The screw removed from the top front on the left hand side - must be screwed into the corresponding hole on the right hand side

5. Remove the plugs from the left hand side screw and hinge pin holes on the Top Cover and door and move them to the right hand side.

Center the hole in the bottom left hand side of the door on the inge pin of the bottom hinge and slide down into place.

While supporting the door, slide the pin if the Top Hinge into the hole at the top left hand side of the door and fasten the Top Hinge in place using the remaing two (2) screws.

Make sure the door operates freely and closes completely.

# FOR OUTDOOR USE

**When using your XO Ice Maker outdoors - follow these additional steps.**

Different regions around the country can have radially different seasonal weather that can affect performance and the physical location of the unit.

In outdoor installation care must be taken to protect the unit from excessive heat or direct sun, dusty or damp conditions or in a location where it may be rained on or splashed by water.

The unit must be connected to a grounded circuit. If the installation is outdoor it must be protected by a Ground Fault Interrupter (GFI). If you are uncertain if the circuit is correctly grounded and protected, consult a licensed electrician.

These units are designed to operate in ambient temperatures between 50° and 90° F. Avoid installing the unit where it may be exposed to heat or direct sun, dusty or damp conditions or in a location where it may be rained on or splashed by water.

As the ambient temperature approaches either extreme the production capacity of the ice maker will be reduced. This is normal and expected.

Never install the unit where flammable or corrosive chemicals (such as pool chemicals) are present.

Installation in seaside environments where high concentrations of salt, or in pool areas where high concentrations of chlorine are present will require more frequent cleaning to avoid corrosion.

Use in any uncontrolled area or otherwise exposed to the elements is hazardous and voids the warranty.

In regions where high humidity exists condensation may appear on the door and/or gasket seals.

**CAUTION:** Exposing the Ice Maker to freezing ambient temperatures can cause water throughout the installation to freeze where it is not supposed to and may result in damage to the unit.

Seasonally, once temperatures at the coldest part of the day begin to approach 40° F you should take steps to winterize your ice maker following the steps in this manual.



# FEATURES & SPECS

Produces up to 65lbs of crystal clear, gourmet ice per day

Rectangular Bell Shaped Cubes - designed to melt slowly and cool beverages while minimizing dilution

Gravity drain and pump drain models available

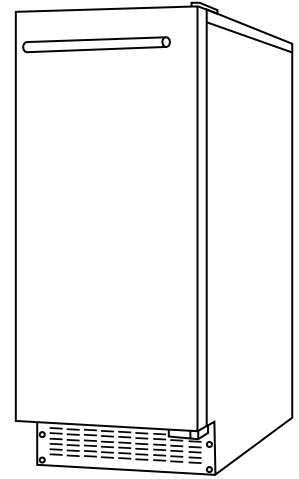
Reversible finger-print resistant stainless steel door

Front venting - designed for under counter installation

Rated for Indoor or Outdoor use (50° - 90°)

Includes two different style handles to match your decor

Automatically pauses ice production when bin is full



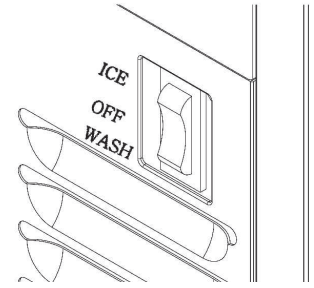
MAXIMUM CAPACITY	65 lbs per day
CUBES per CYCLE	24
TIME per CYCLE	20-30 min
DIMENSIONS (WxDxH)*	14.9" x 24.6" x 33.7"
NET WEIGHT	104 lbs empty
ELECTRICAL	115V - 60hz - 4.0 amps
POWER CONSUMPTION	340 Watts
REFRIGERANT	R-134a
COOLING CAPACITY	723 kcal/hr (2@ 45 F)
INLET WATER TEMP.	50° - 90° F
INLET WATER PRESS.	20 - 80 psi
AMBIENT TEMP.	50° - 100° F

\* Overall Dimensions include handles, hinges and legs

# OPERATING

## Initial operation

- ① Open the water supply valve connected with the ice maker.
- ② Insert the plug of the ice maker into the electric outlet.
- ③ Open the door and turn the switch to the “ICE” position.”
- ④ Discard the first batch of ice.
- ⑤ Good-quality ice is produced 1-2 hours later.



## Using the ice maker

Use of the ice maker is very simple. Simply turn the switch at the lower end of the product to the “ICE” position.

The product automatically starts ice production, which continues until the ice container has been filled with ice. Remove the ice using an ice scoop and insert the scoop into the holder on the inside of the container (If you place the container in the ice, it may be covered over by ice).

The ice maker produces 24 pieces of ice every 30 minutes.

Also, the produced ice drops down into the ice container; water is supplied to the ice maker and the water is also drained.

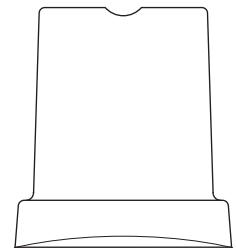
Important Information : Do not put anything other than ice in the ice container. Wine or beer bottles are unsanitary and a detached label may block the drain pipe.

## Ice

The ice has a rectangular bell shape (refer to the figure).

Newly produced ice is clear and transparent. The inside of the ice is sometimes cracked; however, such cracks commonly occur in the production process and disappear with time.

Ice stored in the container for a long time may gather frost on the outside and look cloudy. This is normal ice and, once water is poured on the ice, such frosting disappears.



## Ice container

The product continues making ice until the level of ice reaches the temperature sensing tube(right side). It then ceases operation.

The model with a drain pump drains away melted ice when the ice maker is turned off. The pump works for only several seconds.

# OPERATING CONT.

## **Operation time**

It takes about 20-35 minutes to produce a set of 24 ice pieces. The length of one cycle of the ice maker (ice production and ice removal) differs depending upon the cleanness of the ice maker, the surrounding temperature, and the temperature of the water supplied to the ice maker. It takes about 10-12 hours to fill the empty ice container with ice.

## **Ice production**

The ice production process largely consists of two cycles-ice production and ice removal. 24 pieces of ice are produced with each cycle of ice production and ice removal. When water is sprayed on to the surface of the frozen ice forming mold, the ice production cycle is started. When ice is removed and water is supplied to ice maker, the ice removal cycle is started. The time taken for both cycles together is about 20-35 minutes.

## **Ice production cycle**

Ice is produced on the surface of the ice -forming mold located at the top of the ice maker. Water is sprayed against the chilled surface of the mold where it begins to freeze. Water containing mineral impurities freezes more slowly and it falls back into the water container where it will be diluted and drained off during the Ice Removal Cycle. This process of spraying water allows ice to form in crystal clear layers.

As the ice-forming mold is filled with ice the temperature drops, the ice maker senses this and the ice production cycle stops and ice removal is started automatically.

## **Ice removal cycle**

The compressor works during the the ice removal cycle, but the pump motor and fan motor are stopped. The hot gas valve and water supply valve are opened and the frozen surfaces are heated, causing ice to drop into the container. The ice removal cycle is stopped and the ice production cycle is started again automatically.

# STAINLESS STEEL

## CLEANING THE EXTERIOR

### **Stainless Steel:**

Stainless steel does not stain, corrode, or rust as easily as ordinary steel, but it is not stain or corrosion proof. Stainless steels can discolor or corrode if not maintained properly.

Stainless steels differ from ordinary carbon steels by the amount metals such as chromium and nickel used in the alloy. It is the chromium which provides an invisible protective film on the surface called chromium oxide. If the protective chromium oxide film on the surface is damaged or contaminated, it can result in discoloration, staining, or corrosion of the iron in the steel.

### **Care & Cleaning:**

Routine cleaning of the stainless steel surfaces will serve to greatly extend the life of your product by removing contaminants.

This is especially important in coastal areas which can expose the stainless to severe contaminants such as halide salts, (sodium chloride) and also in pool areas where high concentrations of chlorine are present.

It is strongly recommended to periodically inspect and thoroughly clean crevices, weld points, under gaskets, rivets, bolt heads, and any locations where small amounts of moisture could collect, become stagnant, and concentrate contaminants.

Additionally, any mounting hardware that is showing signs of corrosion should be replaced.

The frequency of cleaning depends upon the installation location, environmental factors, and use.

### **Cleaning Products:**

Ultimately, the choice of a proper cleaning product belongs to the consumer, and there are many products to choose from. Depending upon the type of cleaning and the degree of contamination, some products are better than others.

Typically the most effective means of routine cleaning for most stainless steel products is to give the surfaces a brisk rubbing with a soft cloth soaked in warm water with a gentle detergent, or mild mixture of ammonia.

Rubbing should follow the polish lines of the steel, followed by a thorough rinsing after cleaning.

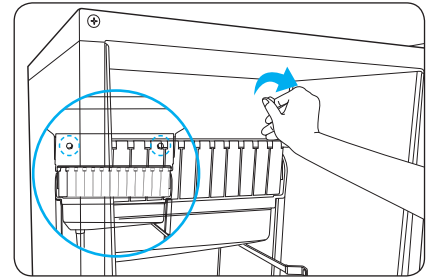
**CAUTION:** There are products on the market Called "stainless steel cleaners," which may contain abrasives that could scratch the surface, (compromising the protective chromium oxide coating) and other products which contain chlorine bleach which will dull, tarnish or discolor the surface if not completely removed. Such cleaners should be avoided.

# WASHING (INTERIOR)

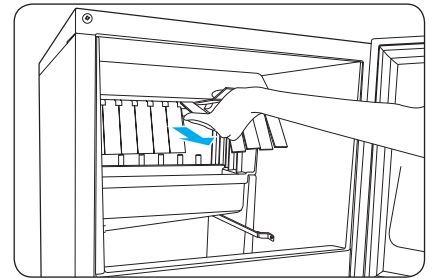
Proper maintenance, cleaning and sanitizing is essential to ensure your ice is safe, fresh and odor free.

## Cleaning the nozzle / ice slide / water tank

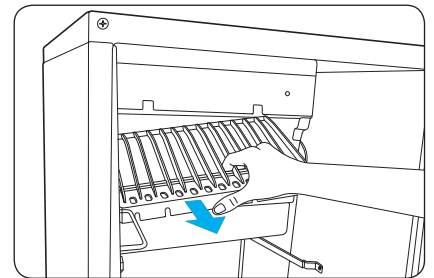
1. Open the door and remove two front injection bolts on the top cover.



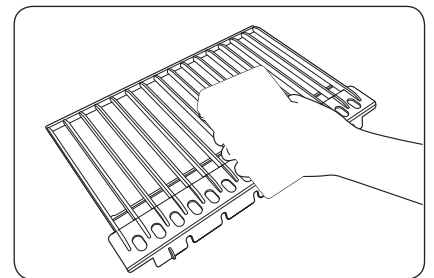
2. Pull the top cover to remove it.



3. Slightly lift the ice slide to remove it.



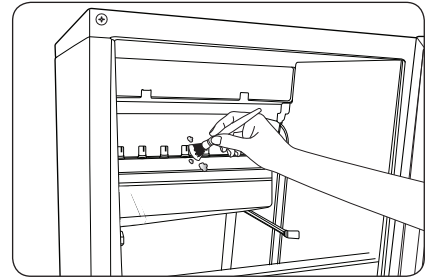
4. Clean the slide with soft plastic brush or sponge.



# WASHING (INTERIOR) CONT.

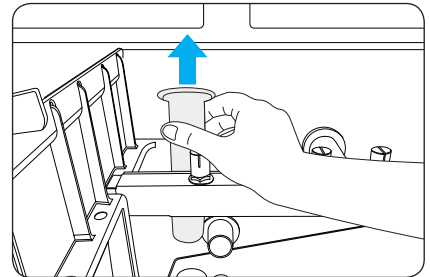
Proper maintenance, cleaning and sanitizing is essential to ensure your ice is safe, fresh and odor free.

5. Clean the gap of the nozzle frame fixed on the vessel sheet (water tank).



6. Lift the drain connection inside the vessel sheet (water tank), clean it, and drain the water.

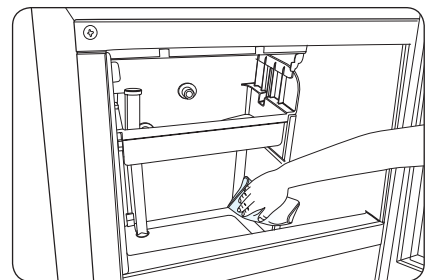
\* The drain connection must be re-assembled in the correct position after cleaning or it will continue to drain and be unable to make ice.



## CLEANING THE ICE TANK AND WATER TANK FILTERS

Empty the ice tank and prepare a cleaning solution by mixing 2 tablespoons of dishwashing detergent with 2 gallons of warm water (95~115°F).

Soak a clean cloth in the solution and clean the inside of the ice tank.  
Pour an appropriate amount of the solution into the drain pipe, and allow to air dry.

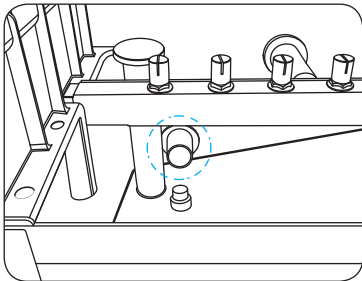


\* Press the switch to set it to (WASH) when cleaning the product; this will repeat the process of supplying water for about 2 minutes and operating the circulation pump 3 times, enabling easier cleaning.

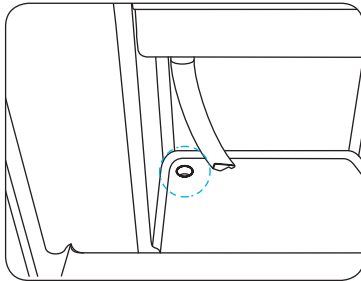
# WASHING (INTERIOR) CONT.

Proper maintenance, cleaning and sanitizing is essential to ensure your ice is safe, fresh and odor free.

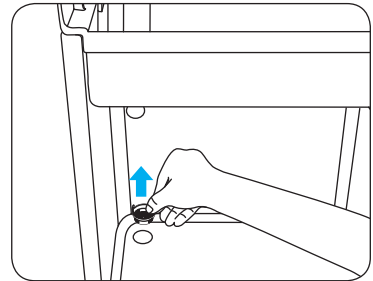
## Cleaning the ice tank and water tank filters



WATER TANK



ICE TANK



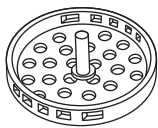
Always unplug the unit before performing maintenance.

Open the door of the Ice Maker and remove the filter screens from the bottom of the water tank and ice tank (position indicated above)

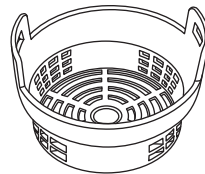
Rinse them clean thoroughly with running water

Replace the tank filters in the positions shown.

Failure to perform this simple maintenance can cause the water nozzles and drain to become clogged and lead to reduced performance and/or damage to the unit.



BOTTOM FILTER SCREEN



TOP FILTER SCREEN

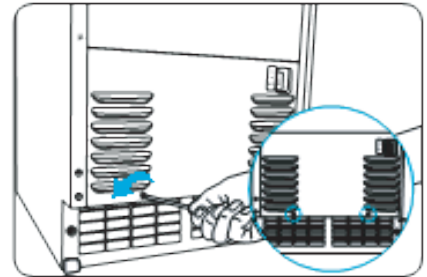
# THE CONDENSER

## IMPROVE EFFICIENCY & PERFORMANCE

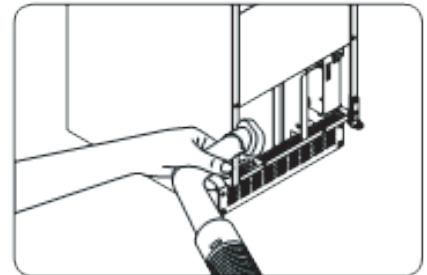
### Cleaning the condenser

Remove dust and dirt from the surface of the condenser coils with a vacuum cleaner

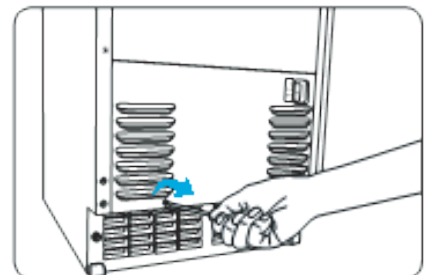
Remove two screws on the front panel at the center of the inside



Vacuum the condenser coils



Reassemble the panel using the two screws to after cleaning





# CLEANING/DESCALING

Ice makers must be thoroughly cleaned a minimum of 2-4 times each year, more frequently if circumstances require it. All cleansers and sanitizing agents must comply with 40CFR 180.9403 as Food Contact Sanitizers.

The end user is responsible for maintaining this ice maker in accordance with the instructions in this manual. Failure to do so may void warranties and cause an unsafe condition. Basic sanitization and maintenance will both increase reliability and performance, as well as reduce the consumption of electricity and water.

Maintaining the ice maker according to these instructions will minimize unwanted repairs and extend the unit's service life.

Maintenance activities must be performed either by the consumer or by an authorized service technician at required intervals. If you are unfamiliar with sanitization procedures, contact your dealer or XO Customer Service at 973-403-8900 for service.

## GENERAL:

Thoroughly clean the ice maker every three to six months for efficient operation.

If the ice maker needs to be cleaned and sanitized more frequently, consult a certified service company for water quality testing and take appropriate action.

Based on the condition of the ice maker it may be necessary to disassemble parts of the unit for cleaning and disinfection.

Caution: Use only the certified ice-maker detergent and disinfectant. (The detergent can be purchased your dealer.)

Please read all labels printed on the container before use. Do not mix the detergent and the disinfectant.

Warning: Wear rubber gloves and goggles (or face cover) when using the detergent or the disinfectant.

## PREPARATION:

Ice maker detergent is used to remove mineral deposits such as lime marks. It cannot be used to remove fur or adhesive mucus. Mix **Nickel Safe detergent** and water in a plastic or stainless steel container following the manufacturer's recommendations.

## THE PROCESS:

Turn the switch to OFF - the machine will automatically complete making and separating ice, then stop.

Caution: Do not forcefully remove ice from the evaporator. It can damage the evaporator.

Remove all ice inside of the tank.

Before proceeding, shut down the power to the icemaker at the breaker or by unplugging it.

Wash the ice scoop including the handle regularly with other food containers.

## WARNINGS:

- The detergent may cause burns.
- If you accidentally drink the detergent, do not force yourself to vomit.
- Instead, drink large amount of water or milk and contact your doctor immediately.
- If the detergent gets on the skin, wash with water.
- Keep the detergent out of children's reach.

# CLEANING CONT.

If necessary, remove the top cover and disassemble the evaporator cover, water curtain, ice guide and nozzle frame.

Place all components into a basin to soak with approximately 3 quarts of the detergent water mixture for 5 to 20 minutes depending on how much lime scale build up is present..

Disassemble the spray bar by removing the left and right silicon plugs, and separate the nozzles and inserts while soaking.

While parts are soaking, Clean the inside of the ice tank with a soft brush and rinse every corner of the inside door, reservoirs, evaporator frame and evaporator upper pipe part with clean water.

Clean the parts which have been soaking with a soft nylon brush. You may have to use a toothpick to clear the nozzles.

After cleaning, rinse all the parts with clean water.

Re-assemble the unit with the newly cleaned parts.

Pour the remain quart of detergent mixture into the water tank.

Make sure the switch is in the "OFF" position and restore power by plugging the unit in or turning on the breaker.

## **AUTOMATIC CLEANING:**

Start the automatic cleaning process by turning the switch to the "WASH" position.

The automatic cleaning cycle takes 21 minutes to complete. After it is finished set the switch in the "OFF" position.

## **RINSING:**

If any cleaning solution remains in the water tank, remove the drain plug to empty the tank.

Re-install the drain plug, pour one quart of clean water into the water tank and run "WASH" again for 10 minutes.

If any bubbles or residue remains, repeat the rinse operation.

# SANITIZING

Ice makers must be sanitized monthly, more frequently if circumstances require it.

All cleansers and sanitizing agents must comply with 40CFR 180.9403 as Food Contact Sanitizers.

The end user is responsible for maintaining this ice maker in accordance with the instructions in this manual. Failure to do so may void warranties and cause an unsafe condition. Basic sanitization and maintenance will both increase reliability and performance, as well as reduce the consumption of electricity and water.

Maintaining the ice maker according to these instructions will minimize unwanted repairs and extend the unit's service life.

Maintenance activities must be performed either by the consumer or by an authorized service technician at required intervals.

If you are unfamiliar with sanitization procedures, contact your dealer or XO Customer Service at 973-403-8900 for service.

## GENERAL:

Sanitize the ice maker every month for safe and efficient operation.

If the ice maker needs to be cleaned and sanitized more frequently, consult a certified service company for water quality testing and take appropriate action.

Based on the condition of the ice maker it may be necessary to disassemble parts of the unit for cleaning and disinfection.

Caution: Use only the certified ice-maker detergent and disinfectant. (The detergent can be purchased your dealer.)

Please read all labels printed on the container before use. Do not mix the detergent and the disinfectant.

Warning: Wear rubber gloves and goggles (or face cover) when using the detergent or the disinfectant.

## PREPARATION:

Prepare disinfectant (6.7 oz of 5.25% Sodium Hydroxide mixed in 5 liters of water).

## THE PROCESS:

Turn the switch to OFF - the machine will automatically complete making and separating ice, then stop.

**Caution:** Do not forceably remove ice from the evaporator. It can damage the evaporator.

Remove all ice inside of the tank.

Before proceeding, shut down the power to the icemaker at the breaker or by unplugging it.

Wash the ice scoop including the handle regularly with other food containers.

Remove the top cover and disassemble the evaporator cover, water curtain, ice guide and nozzle frame.

Place all components into a basin to soak with approximately 2 quarts of the disinfectant water mixture for 10 minutes

While parts are soaking, scrub the inside of the ice tank with a soft brush and rinse every corner of the inside door, reservoirs, evaporator frame and evaporator upper pipe part and rinse with clean tap water to avoid cross-contamination.

Rinse the parts which have been soaking with clean tap water to avoid cross contamination.

Re-assemble the unit with the newly cleaned parts.

Pour 3 quarts of disinfectant mixture into the water tank.

# SANITIZING CONT.

Make sure the switch is in the “OFF” position and restore power by plugging the unit in or turning on the breaker.

## AUTOMATIC SANITIZING:

Start the automatic sanitizing process by turning the switch to the “WASH” position. This will also sanitize the piping.

The automatic sanitizing cycle takes 21 minutes to complete. After it is finished set the switch in the “OFF” position.

## RINSING:

If any disinfectant solution remains in the water tank, remove the drain plug to empty the tank.

Re-install the drain plug, pour one quart of clean water into the water tank and run “WASH” again for 10 minutes.

Do NOT wipe the interior dry.

Turn on the “ICE” function and the unit will resume making ice.

Discard the first batch of ice after sanitizing.

## MAINTENANCE SCHEDULE

### Proper maintenance assures better ice and longer product life.

Shown below is a recommended service schedule to maintain your ice maker at peak performance. Failure to provide maintenance as prescribed in this manual may void warranty.

The intervals shown are based on average conditions, your unit may require more frequent maintenance based on your particular installation, such as areas where hard water, dust or salt air are present.

### RECOMMENDED SCHEDULE:

MAINTENANCE	WEEKLY	MONTHLY	QUARTERLY	ANNUALLY	AT START-UP
CLEAN EXTERIOR	●				
WASH INTERIOR		●			●
STERILIZE		●			●
CLEAN/DESCALE			●		
VACUUM CONDENSER		●			
CHANGE WATER FILTER			●		●
CHECK ICE QUALITY	●				●

### IMPORTANT NOTE:

If your ice maker has been winterized, you must wash, sterilize and clean/descale it thoroughly before returning it to service to ensure that any detergents or chemicals have been completely flushed from the system.

Always discard the first batch of ice made after restarting.

# WINTERIZING

Where seasonal installation ambient temperatures fall below 50° F

Clean and sanitize your system

Turn off the power

Empty the water container completely

Disconnect the pump hose - this requires the removal of the back panel

Close the water supply valve and disconnect the water supply line from the rear of the unit

Turn on the power and set the switch to the “WASH” position.

This will open the internal water supply valve allowing it to drain the inlet pipe

If your unit has a drain pump, pour 1/2 gallon of RV anti-freeze mixture (propylene glycol) into the ice tank.

**WARNING: Do NOT use anti-freeze intended for automobiles.**

Turn the ice maker “OFF” and remove the plug from the outlet

When returning the ice maker to service - the unit must be thoroughly sanitized and cleaned to ensure all chemicals and detergents are flushed from the system.

Discard the first batch of ice after returning to service.

## **IMPORTANT NOTE:**

Should the ice maker require adjustment of the:

Evaporator temperature sensor,

Ice production cycle time delay - or -

Water supply timer

Call Customer Service, do not attempt yourself.

# TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CHECK THIS
Unit does not operate	Ice maker is unplugged Breaker tripped Switch turned to "OFF" The ice tank is full	Plug ice maker in Reset breaker - if it happens again, call for service Turn switch to "ICE" Ice detection sensor is activated
Cubes are too large	Low ambient temperature Ice thickness control does not work	Call Customer Service Call Customer Service
Cubes are too small	High ambient temperature Too little water in the water tank The water nozzle not spraying Ice thickness control does not work	Call Customer Service Check the water supply Check the water supply   nozzle may be clogged Call Customer Service
Ice is fragmented	Nozzle partially blocked	Clean the ice maker
Ice tank not filling	Check the operation time Check for water in the ice tank	Requires approx 12 hrs to fill ice tank Check and clean drain
Ice cubes are white	Low water in water tank	Check water supply Check for cracks or leaks
Unit is running but no ice is made	Low water in water tank Ice cubes are stuck on the mold Water does not get cold Water not spraying Condenser coils dirty Condenser not working High ambient temperature Hot gas leak Needs refrigerant	Check water supply Check water supply   Check hot gas valve Check water supply   Contact customer service Low water in water tank   Check circulation pump Vacuum condenser coils Check condenser fan Call Customer Service Call Customer Service Call Customer Service

Questions - Need Help...  
You can always contact customer service at 973-403-8900  
or visit [www.xoappliance.com](http://www.xoappliance.com)

# WE'VE GOT YOUR BACK

**90 DAY LOVE IT or LEAVE IT.** For 90 Days all our products are backed by our unique Love it or Leave it Guarantee.

**ONE-YEAR PARTS & LABOR LIMITED WARRANTY.** XO warrants to the original purchaser of every new XO refrigerated unit, the cabinet and all parts thereof, to be free from defects in material or workmanship under normal and proper use and maintenance as specified by XO and upon proper installation and start-up in accordance with the instruction packet supplied with each XO unit. XO's obligation under this warranty is limited to a period of one (1) year from the date of original purchase.

**FIVE-YEAR COMPRESSOR LIMITED WARRANTY.** XO warrants its compressor to be free from defects in both material and workmanship under normal and proper use and maintenance service for a period of five (5) years from the date of original purchase. If the compressor fails during that time period due to a defect in material or workmanship, XO will supply a replacement compressor free of charge. The consumer will be responsible for all related transportation and labor costs. Product must be registered with XO to qualify for this warranty.

**TERMS APPLICABLE TO EACH WARRANTY.** Any part covered under the above warranties that is determined by XO to have been defective within the time frame is limited to the repair or replacement, including labor charges, of defective parts or assemblies. The labor warranty shall include standard straight time labor charges only and reasonable travel time, as determined by XO.

**WARRANTY CLAIMS.** All claims for labor or parts must be made directly through XO. All claims should include: model number and serial number of cabinet, proof of purchase, and date of installation. In case of warranted compressor, the compressor model tag must be returned to XO along with the above listed information.

**WHAT IS NOT COVERED BY THIS WARRANTY.** XO's sole obligation under this warranty is limited to either repair or replacement of parts, subject to the additional limitations below. This warranty neither assumes nor authorizes any person to assume obligations other than those expressly covered by this warranty. Open box, factory seconds, scratch and dent, floor models, models with missing, altered or obscured serial numbers and commercial applications are excluded from these warranties. Consumer shall be responsible for labor and transportation costs where noted above.

**NO CONSEQUENTIAL DAMAGES.** XO is not responsible for economic loss, profit loss; or special, indirect or consequential damages, including without limitation, losses or damages arising from food or product spoilage claims whether or not on account of refrigeration failure.

**WARRANTY IS NOT TRANSFERABLE.** This warranty is not assignable and applies only in favor of the original purchaser/user at the original installation location. Any such assignment or transfer shall void the warranties herein made and shall void all warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose.

**IMPROPER USAGE.** XO assumes no liability for parts or labor coverage for component failure or other damages resulting from improper usage or installation or failure to clean and/or maintain product as set forth in the warranty packet provided with the unit.

**ALTERATION OR NEGLECT.** XO is not responsible for the repair or replacement of any parts that XO determines have been subjected after the date of manufacture to alteration, neglect, abuse, misuse, accident, damage during transit, improper installation, lack of scheduled maintenance as outlined in this manual, fire, flood, or act of God.

**SERVICE CONNECTIONS.** XO is not responsible for the repair or replacement of failed or damaged components due to water supply, drain or electrical power failure, high or low pressure, blocked drains, high or low voltage, use of extension cords, or improper grounding of the unit.

**YOUR RIGHTS UNDER STATE LAW.** This warranty gives you specific legal rights and you may have other rights that vary from state to state. Some states do not allow the exclusion or limitation of consequential damages or a limitation on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you.

**OUTSIDE U.S.** This warranty does not apply to, and XO is not responsible for, any warranty claims made on products sold or used outside the 48 continental United States.

