Icezone Installation Instructions for Ice-O-Matic Machines (Standard Top Mount Installation)

Please review the entire instructions prior to installation.

INFORMATION

Follow the manufacturers guidelines for cleaning the ice and water dispenser thoroughly.

Before Installing Icezone, clean and sanitize the interior of the ice and water dispenser thoroughly according to the manufacturer's guidelines. All surfaces should be free of slime and scale before starting the installation.

RECOMMENDED TOOLS

- Hand Drill
- Phillips Bit Driver
- 7/8" Step Drill Bit
- ¼" Nut Driver
- Phillips Screwdriver
- 4ft Ladder
- Safety Goggles
- Hose Cutter or Utility Knife
- 1 ¼" Crescent Wrench
- Marker to mark hole locations
- File or knife to de-burr holes

PREPARING THE UNIT

This is an Ice-O-Matic cuber ice machine in place above a drink dispenser in a typical restaurant installation.

Ice-O-Matic ice machine Model ICE0400 shown.

Before working on the ice machine, the ice in the bin must be removed.

Remove the front cover and turn the ice machine power switch to the OFF position.

PREPARING THE UNIT

Mark the location for the Icezone supply fitting.

This is the fitting where the plasma will enter the ice machine.

This should be directly over the evaporator and should deliver plasma behind the curtain.

Image 1 depicts the marking process on an Ice-O-Matic ice machine, whereas Image 2 is included for clarity.

ICEZONE INSTALLATION

Mark the location for the Icezone return fitting. This is the fitting where the plasma will return to the Icezone.

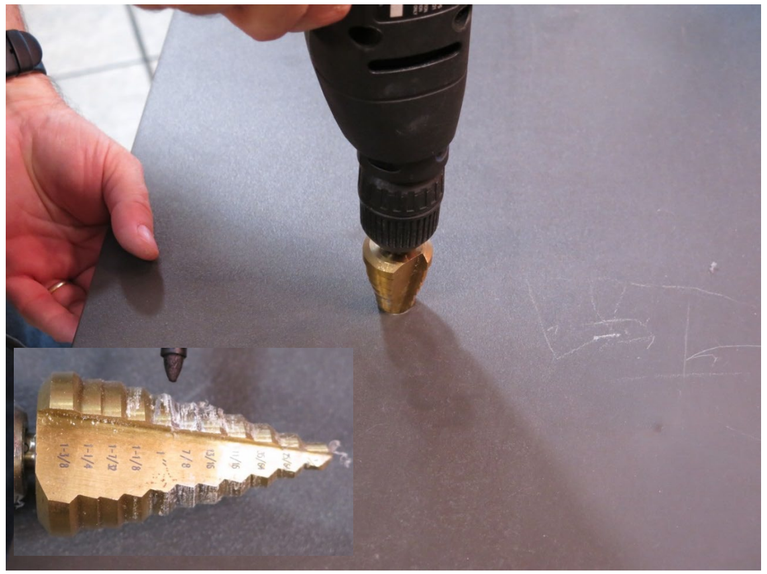
This should be located on either side of the evaporator (looking at the front of the ice machine). This hole should be spaced off of the interior wall of the ice machine by 1-2 inches.

The hole should be spaced from the front edge of the ice machine cover by 2.0 inches also.

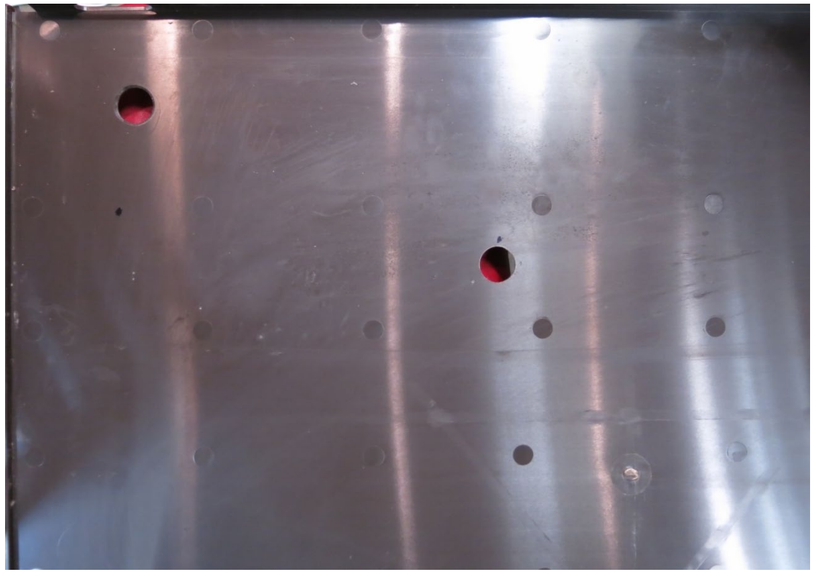
The proper spacing will prevent the return tube from interfering with the ice curtain operation.

ICEZONE INSTALLATION

Drill the holes as marked.
The final hole diameter should be 1.0” for each fitting.



Clean the burrs from the hole edges and prepare to install the fittings.



Note that position of holes may vary based on specific ice machine model. As a general rule, the hole for the supply line should be placed directly over the evaporator and should deliver plasma behind the curtain. The hole for the return line should be placed on either side of the evaporator and should not interfere with the curtain.

ICEZONE INSTALLATION

Assemble the supply fitting as shown.

This includes a single ended barb fitting, low profile nut and white rubber washer.

Install the supply fitting as shown. This includes a second low profile nut and white rubber washer.

There should be no exposed threads on the interior surface of the lid per NSF guidelines.

ICEZONE INSTALLATION

Assemble the return fitting as shown.

This includes a double ended barb fitting, low profile nut and white rubber washer.

Install the supply fitting as shown.

This includes a second low profile nut and white rubber washer.

There should be no exposed threads on the interior surface of the lid per NSF guidelines.

ICEZONE INSTALLATION

The top side of the lid should be completed as shown.

Ensure the fitting nuts are tight and prepare to mount the Icezone unit.

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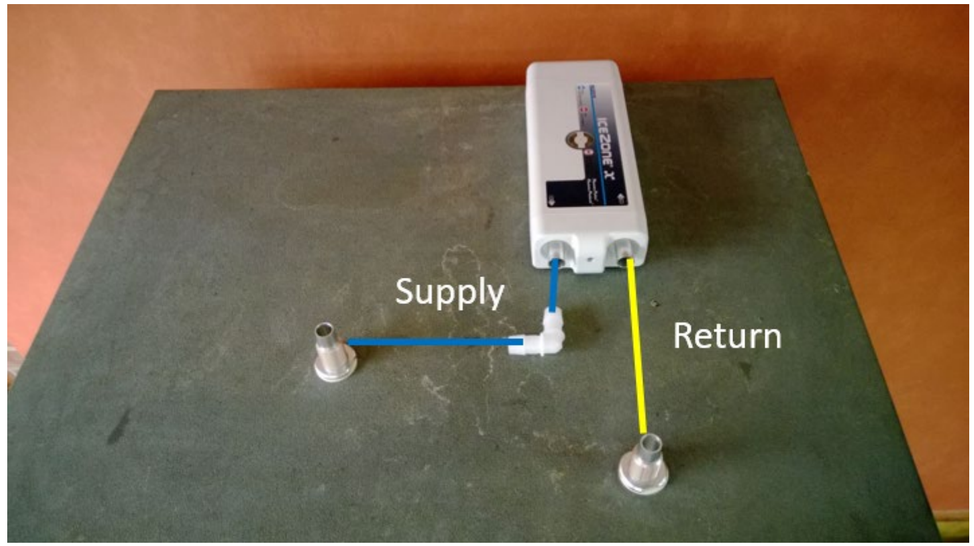
ICEZONE INSTALLATION

Place the Icezone Unit on the lid and layout the routing of the supply and return tubing.

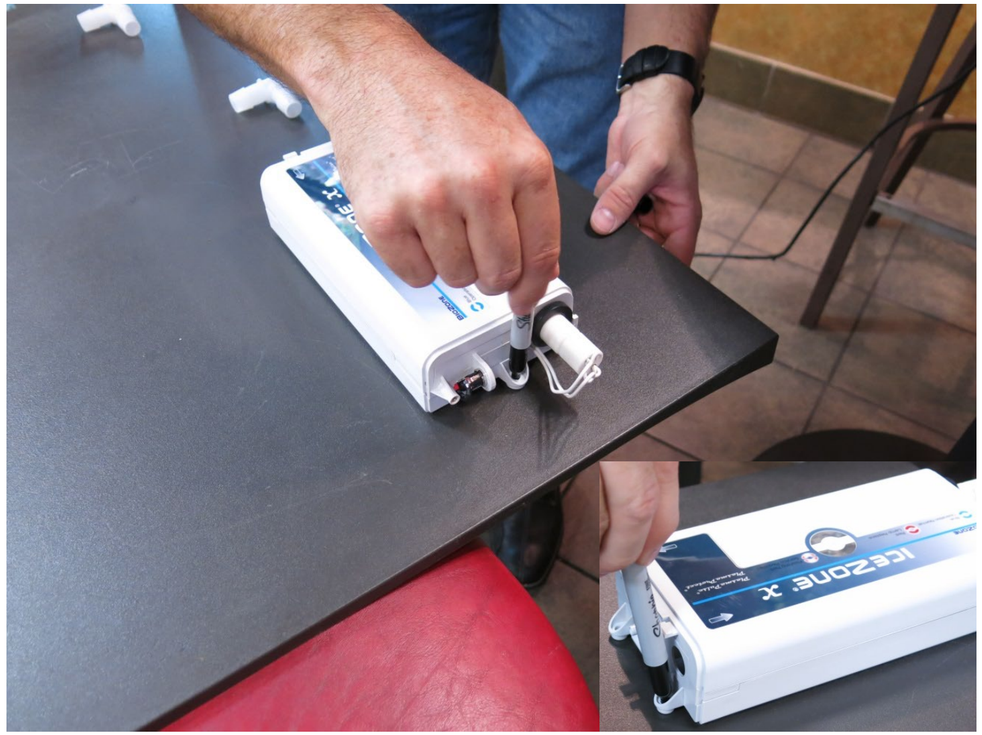
The Icezone Unit should be placed in the back right corner of the cover (looking at the front of the ice machine)

Place the 90 degree hose
Barbs in place to visualize the routing. Observe the flow direction arrows on the Icezone Unit.



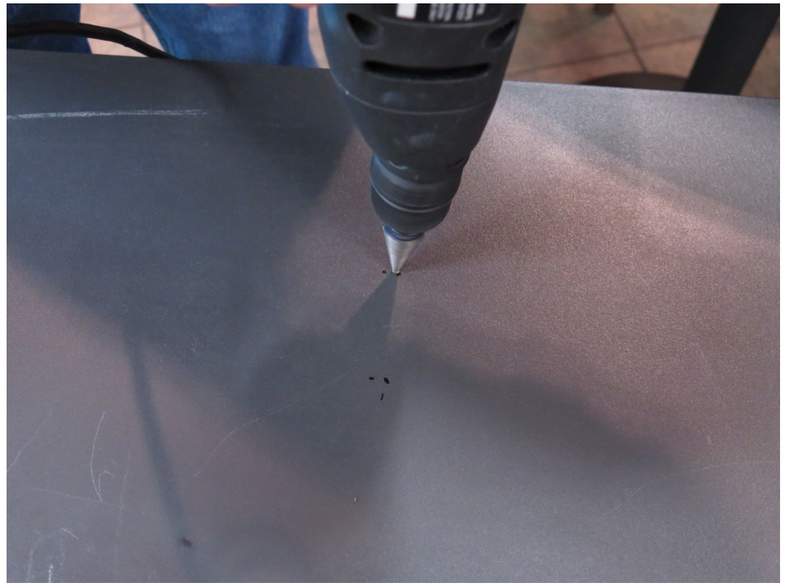
Mark the holes to mount the Icezone Unit on the lid.

Use a pen to locate the three mounting holes.



ICEZONE INSTALLATION

Drill the holes to mount the Icezone Unit on the lid.
Drill three 1/8” holes.

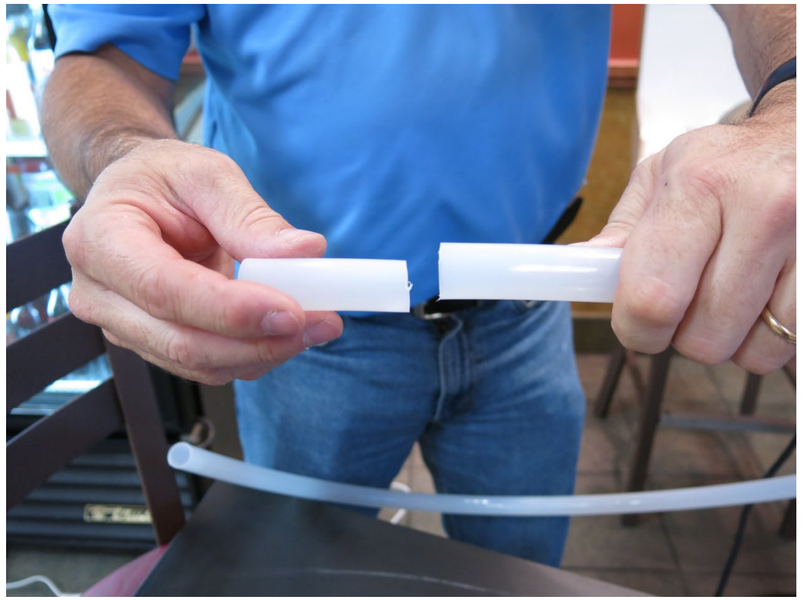


Place the mounting rivets or self drilling screws into the mounting holes.

ICEZONE INSTALLATION

Re-attach the Input/Output cover and secure with the original screw.

Cut two 2.5 inch pieces of tubing to connect the supply and return fittings to the 90 degree hose barbs.



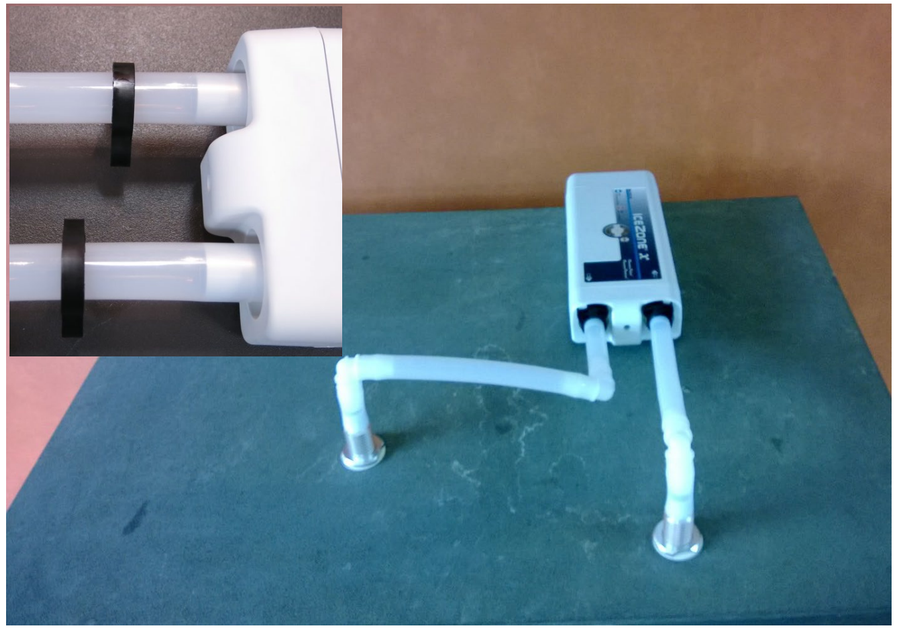
ICEZONE INSTALLATION

Assemble the supply and return fittings to the 90 degree hose barbs using the 2.5 inch pieces of tubing.

Installer's Tip: Heating the tubing in hot water eases the installation of the tubing onto the fittings.

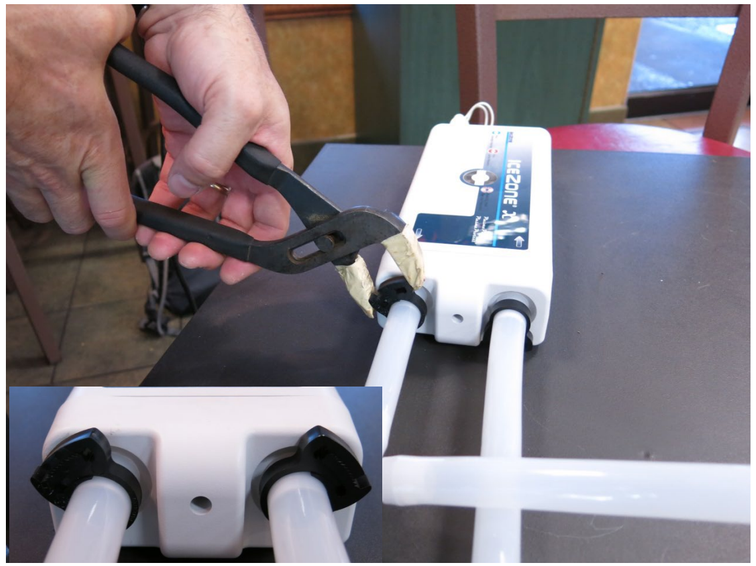
Cut and assemble the remaining supply and return tubing and fittings. There should be >12" of unused tubing.

Place the handy clamps (black) on the tubing which is placed over the ports on the Icezone Unit.



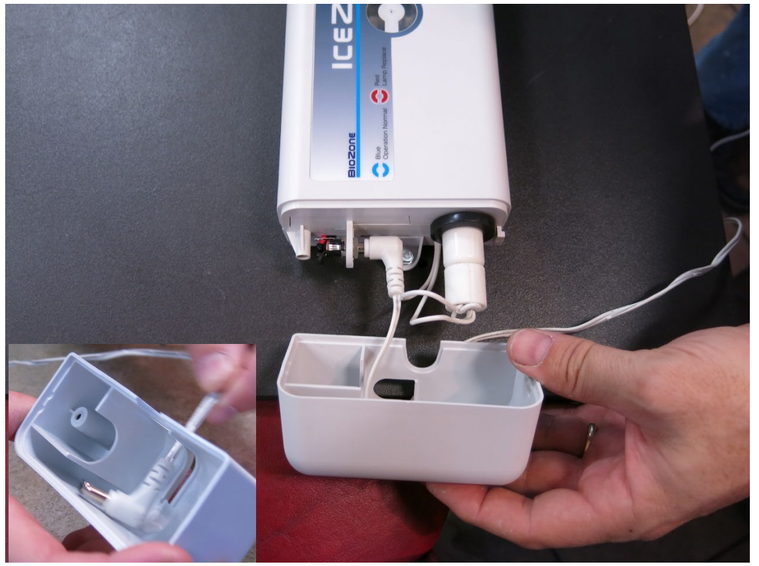
ICEZONE INSTALLATION

Tighten the handy clamps with a pliers to secure the tubing on the Icezone unit.



Insert the DC plug from the wall adapter through the “P” shaped hole in the service cover.

Plug the DC connector into the Icezone Unit’s power input plug.



ICEZONE INSTALLATION

Reinstall the service cover and secure with the original screw.

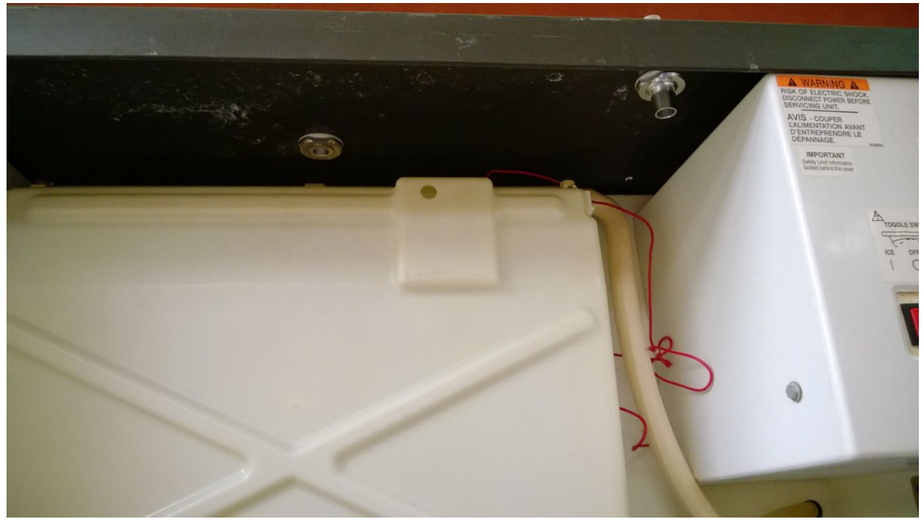
The completed installation on the cover should look like either the picture below or the rendering to the right.

The installation is a success as long as the supply line is placed above the evaporator and the return line is placed to either side of the evaporator (and not interfering with the curtain).

ICEZONE INSTALLATION

The completed installation on the ice machine should look like the picture shown.

The supply fitting is located above the curtain and the return fitting is located in front and to the right side of the curtain.



Install the remaining
12 inch length of tubing onto the return fitting.

The return tube should be located next to the curtain and not interfere with the “bin full” switch.

Sanitize the surfaces inside the ice machine, turn the machine on, and replace the cover.

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ICEZONE INSTALLATION

Close the ice machine after turning it on.

Plug the Icezone into a nearby 100VAC outlet that is not switched off.

The Icezone runs 24 hours/day, 7 days per week.

Check to make sure the blue light is lit on the top of the Icezone.

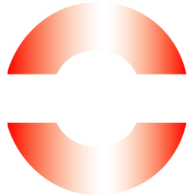
When Icezone is connected to power correctly and the the operation is normal a blue light shows on top of the unit.

When the red light is steady on top of the Icezone, the lamp needs to be changed.

When the red light is flashing on top of the Icezone, the unit requires service.

Blue:
Operation Normal

Red:
Replace Bulb



Flashing Red:
Service Required

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Thank you for purchasing Icezone

Email: info@bsg-uv.com

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