

IceZone[®] -X Installation Instructions for Scotsman HID312 Meridian Ice and Water Dispensers



This module will show the steps to install IceZone[®] -X on Scotsman HID312 Meridian Ice and Water Dispensers. Please review the entire instructions prior to installation.

Caution: Installation should be done by a qualified technician using appropriate safety equipment and procedures.

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



Before Installing IceZone[®] -X, 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

1/8" Drill Bit

1/2" Drill Bit

1 1/8" Step Drill Bit

1/4" Nut Driver

Phillips Screwdriver

Safety Goggles

Hose Cutter or Utility Knife

Channel Lock Pliers

Marker to mark hole locations

File or de-burring tool to de-burr holes



Installation Overview

This is a Scotsman HID312 Meridian Model Ice and Water Dispenser with IceZone[®] -X installed.

Front Angle



Top

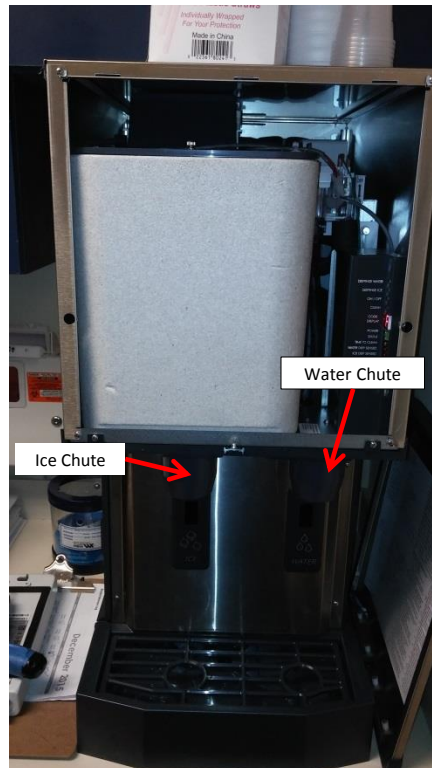


Preparing the HID312 Meridian

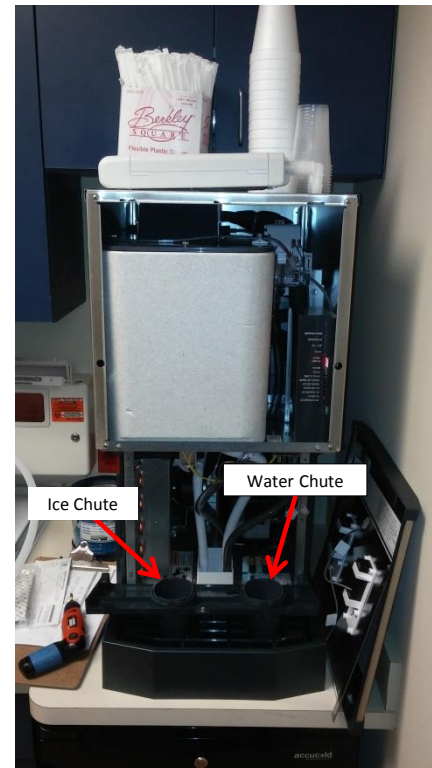
Remove the front cover to access the interior of the dispenser.

Remove ice and water chute.

Front



Front



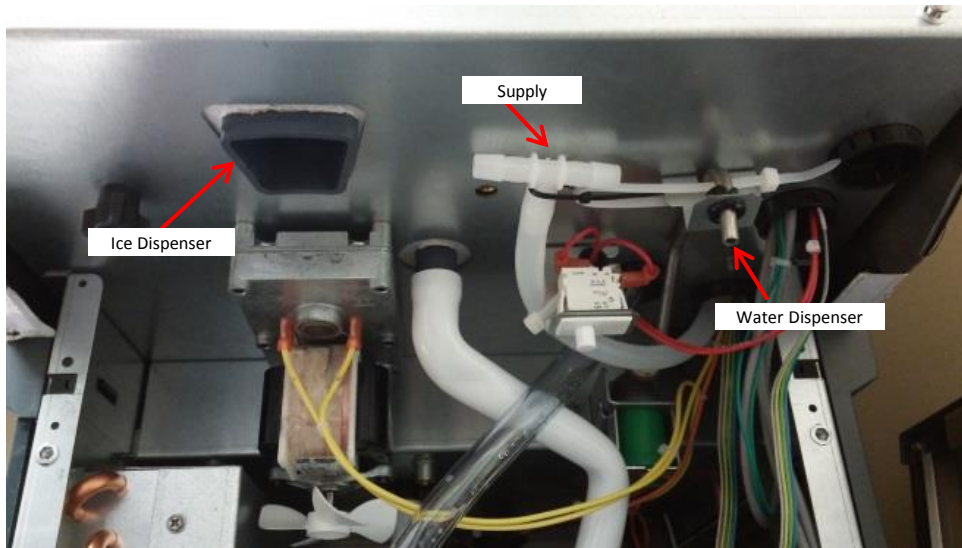
Preparing the HID312 Meridian

Press the 'ON/OFF' button until the machines powers "off" and unplug from the power source.

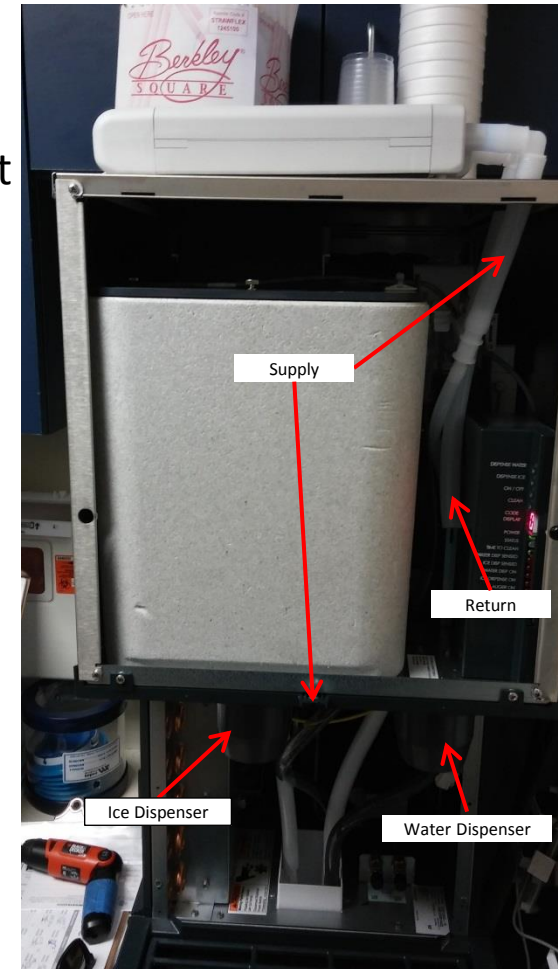


Installation Overview

Front- bottom view

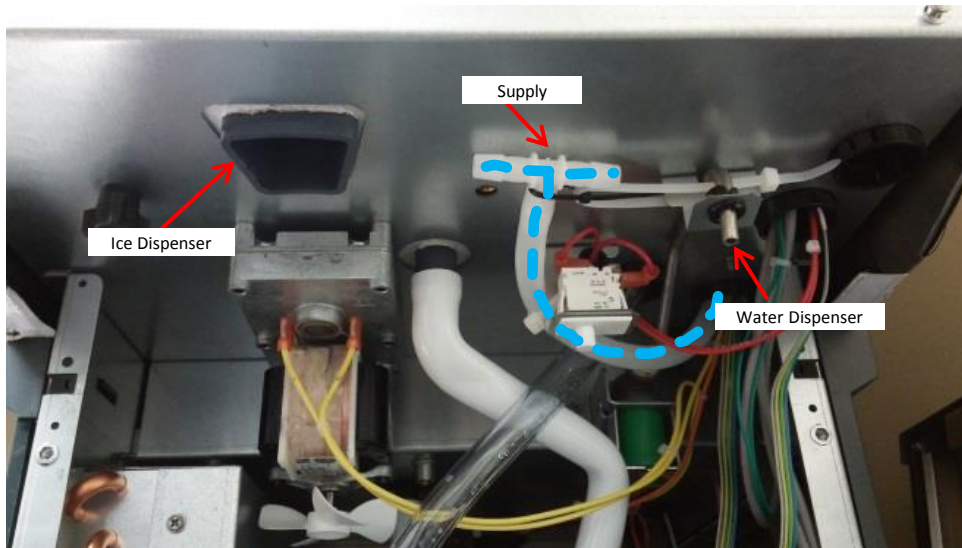


Front

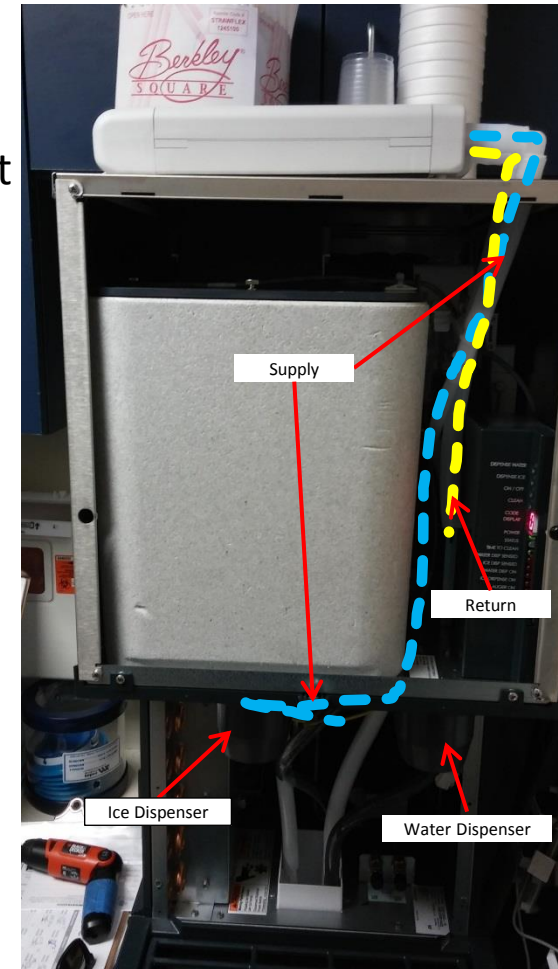


Installation Overview

Front- bottom view



Front



Installation Overview

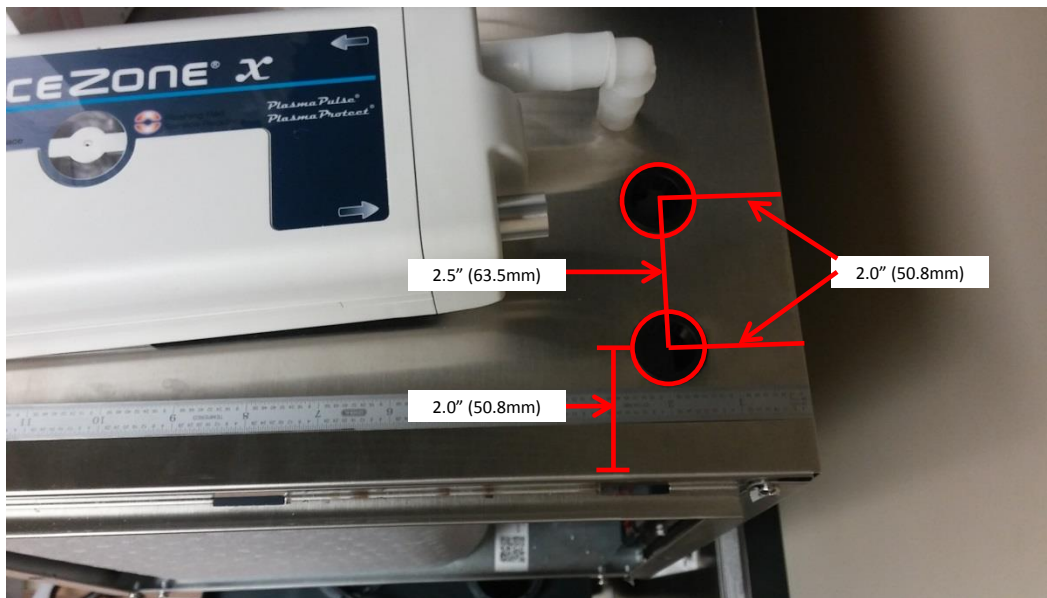
Note the following paths and locations:

- Supply Line
- Treatment Areas, including:
 - Ice Dispenser
 - Water Dispenser
- Return Line

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

Installing IceZone[®] -X

Locate the 2 holes for the IceZone[®] supply and return tubing grommets with the dimensions shown.



Installing IceZone® -X

Drill the 2 holes for the IceZone® supply and return tubing grommets with a 1 1/8" step drill.

Deburr the holes and install the grommets as shown.

Installer's Tip: Use a few damp paper towels or a shop rag to catch falling metal shavings for easier cleanup.



Installing Supply Line Ice and Water Dispenser Segments

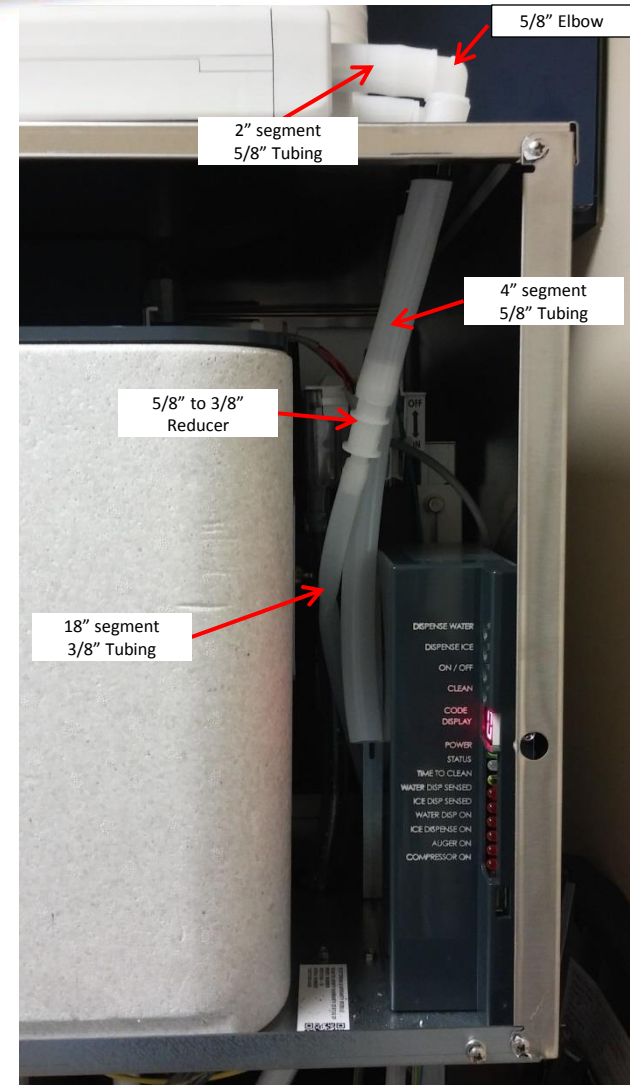
Install a 2" segment of 5/8" tubing to a 5/8" elbow fitting

Add the 4" segment of 5/8" tubing to the assembly

Add the 5/8" to 3/8" Reducer to the assembly

Route the assembly through the grommeted hole for the supply line and attach the assembly to the IceZone[®] -X supply port

Add the 18" segment of 3/8" tubing to the assembly

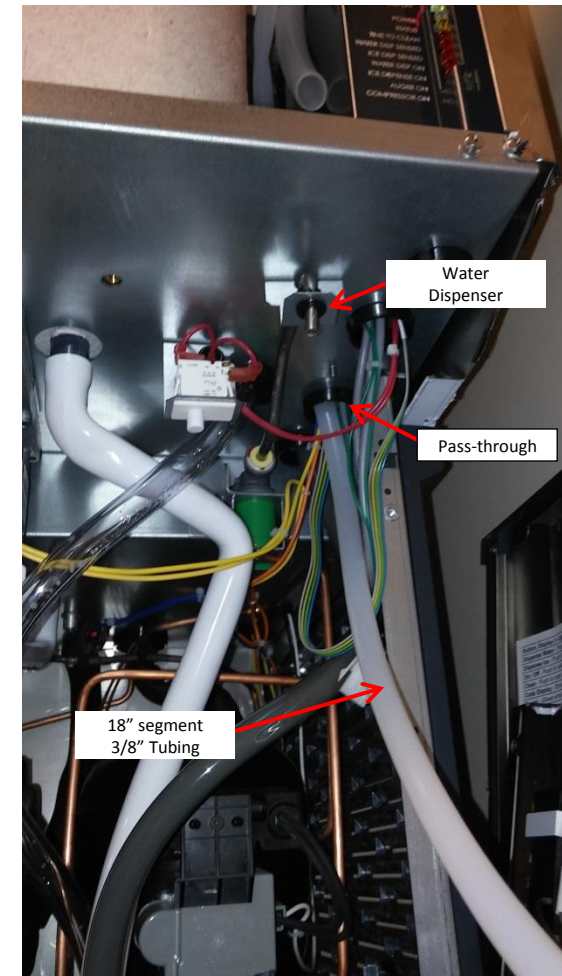
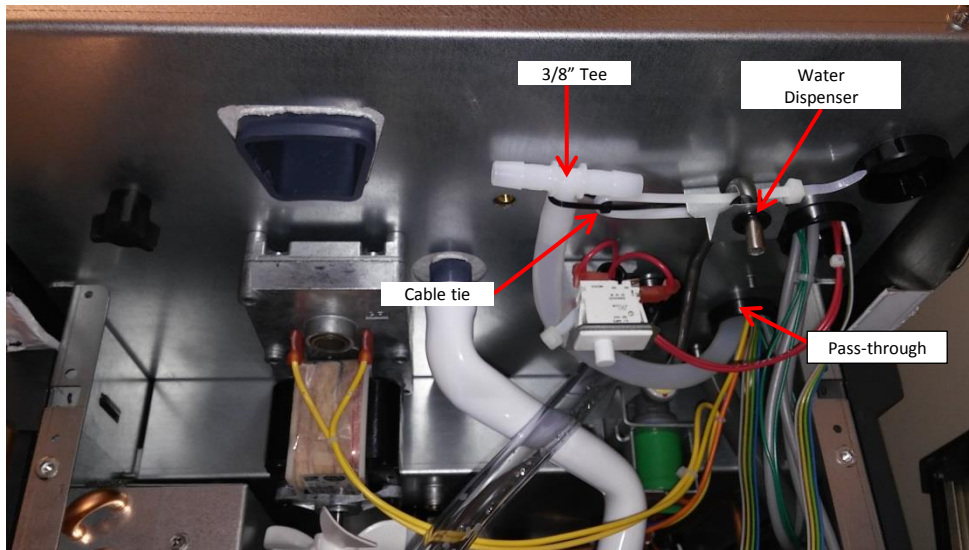


Installing Supply Line Ice and Water Dispenser Segments

Route the 18" segment of 3/8" tubing through the indicated pass-through

Add the 3/8" tee fitting to the end of the assembly

Secure the 3/8" tee fitting to the water dispenser assembly with a cable tie

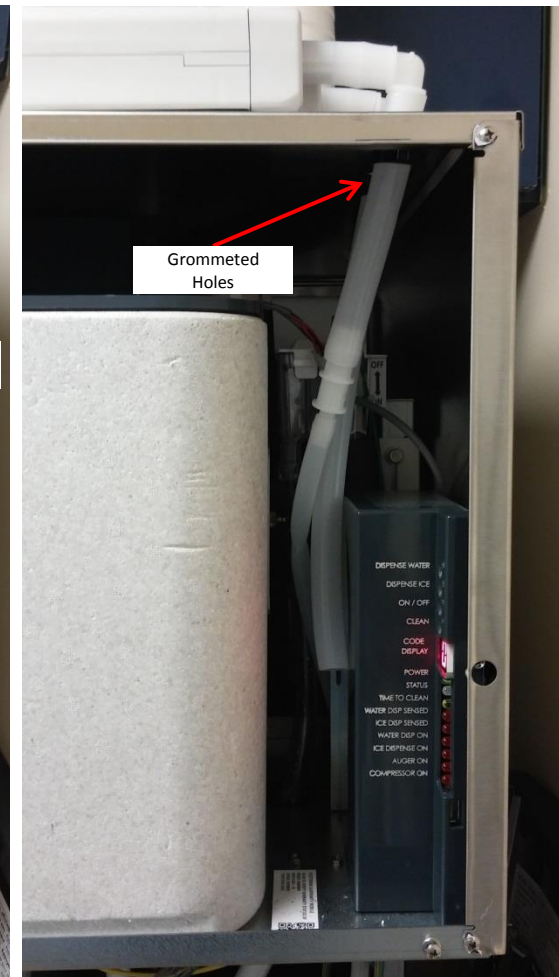
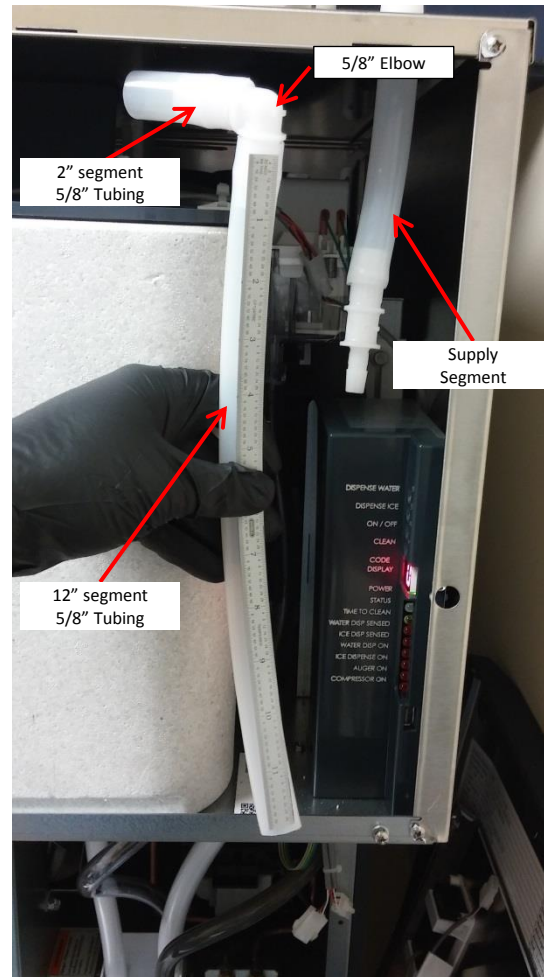


Installing Return Line

Install a 12" segment of 5/8" tubing to a 5/8" elbow fitting

Add a 2" segment of 5/8" tubing to the assembly

Route the assembly through the grommets hole for the return line and attach the assembly to the IceZone[®] -X return port



Installing IceZone[®] -X

Attach the 7" X 2" piece of Velcro[®] to the back of IceZone[®] -X



Installing IceZone[®] -X

Disconnect the 2" segment of 5/8" tubing to each of the 5/8" elbow fittings

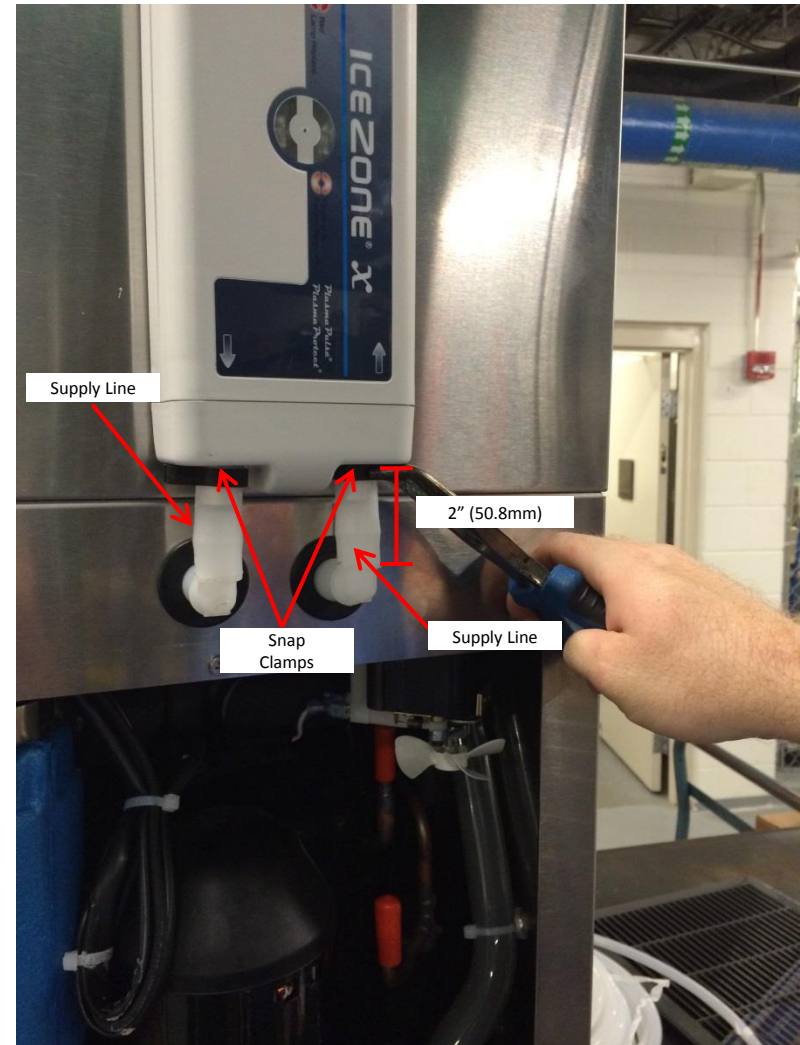
Insert a snap clamp over the 2" 5/8" tubing segments

Re-connect the 2" 5/8" tubing segments to the IceZone[®] -X Supply and Return ports

Press Velcro[®]-backed IceZone[®] -X firmly to the ice machine

Snap clamps tight to secure 2" 5/8" tubing segments to the IceZone[®] -X Supply and Return ports

Note image to right is not a Scotsman HID312 Meridian ice and water dispenser and will look different than the Scotsman HID312 Meridian machines.



Powering IceZone® - X

Remove the service cover from the IceZone® unit.

This provides access to the lamp, power input and mounting boss.

As the screw is removed from the cover, be sure to keep it with the cover so it is available for re-assembly.



Powering IceZone® -X

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.



Powering IceZone[®] -X

Reinstall the service cover and secure with the original screw.



Powering IceZone[®] -X

IceZone-X[®] comes with a standard NEMA 1-15 ungrounded (Type A) wall adapter that can be powered with a 100-240V AC 50/60Hz wall plug (NEMA 1 or NEMA 5 outlet).



Powering IceZone[®] -X

IceZone[®] -X runs **24 hours/day, 7 days per week**. Be sure that the power outlet used to power IceZone[®] -X is not switched off.

Check to make sure the blue light is lit on the top face of IceZone[®] -X.



IceZone[®] -X Operating Status Indicators

When IceZone[®] is connected to power correctly and the operation is normal a blue light shows on top of the unit.



**Blue:
Operation Normal**

When the red light is steady on top of the IceZone[®], the lamp needs to be changed.



**Red:
Replace Bulb**

When the red light is flashing on top of the IceZone[®], the unit requires service.



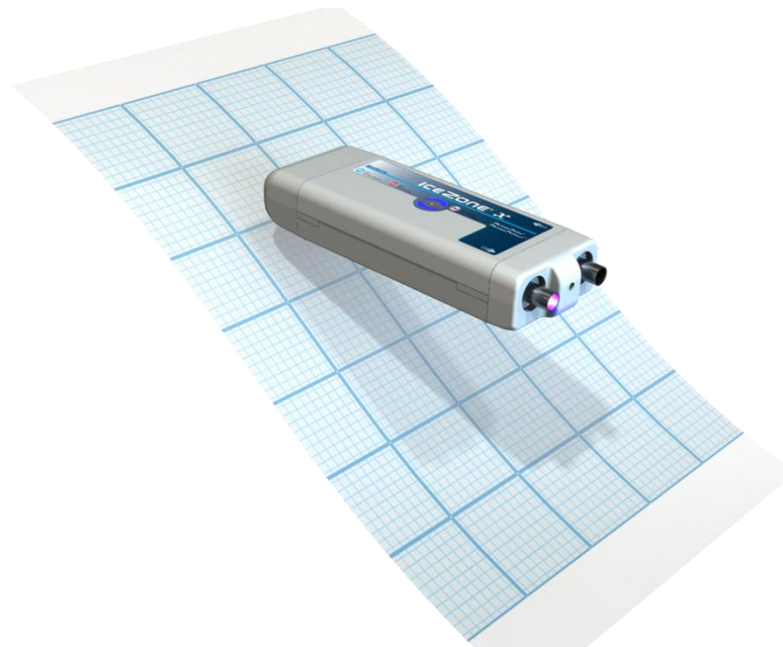
**Flashing Red:
Service Required**

BIOZONE[®]
SCIENTIFIC INTERNATIONAL

ICEZONE[®] *x* Installation

Thank you for installing

ICEZONE[®] *x*



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