

OptiPure

Model: **Sanit-ICE**
Part #: 130-61025

Snapshot

The OptiPure® Sanit-ICE is an external wall-mounted self-contained ozone ice treatment system. Easy mounting with a Z-Bar integrated into the back of the extruded enclosure. This unit will adapt to any size ice machine via a sophisticated control system. The unit delivers ozone through a single hole in the ice machine to a diffuser stone in the sump allowing ozone to dissolve in the water, treating the water, as well as off gassing into the chiller compartment and treating all of the internal surfaces. Z-Bar mounting plate, drill template, grommet for wall of ice maker, diffuser stone, and 6' Teflon tubing are also included.

System Benefits

- Adjustable Output – With a push of a button the system will adjust ozone output and treatment time to deliver the appropriate amount of ozone for the ice machine it is treating.
- Multi-Color Indicator – Each ice machine range is assigned a color to allow the unit to be set correctly and easily.
- Intelligent Control – Unit will keep the air pump on for a few seconds after the ozone is shut down to purge remaining ozone out of the system and protect the internal components from possible creep of unused ozone backwards through the system.
- Variable Frequency Drive for the Pump – The control board will ramp the pump speed up or down depending on which ice machine is being treated. This increases the life of the pump and saves energy.
- Ozone delivered under pressure to a Diffuser Stone in the Water Catchment – Ozone will treat the water directly and the ozone off-gas will treat the interior surfaces. Most ice machine ozone treatment systems focus on either the water or the interior surfaces. Our system provides treatment for both.
- Operation independent of water quality/pressure/temperature and ice maker is treated even if no ice is being made.
- Corona Discharge Ozone Generator – Higher concentrations of ozone than UV generation. No mercury containing bulb.
- Robust Construction – High quality materials. Stainless steel and glass ozone cell, electromagnetic diaphragm pump for up to 50,000-hour life, ozone resistant tubing and fittings throughout, ball bearing cooling fan to maximize ozone output and life of the electronics.
- Long life – 2 years between maintenance regardless of ice maker size.
- Service Timer – Allow the unit to alert the user when maintenance is required.
- Universal Power Input 90 - 265 VAC.
- Easy Installation – Z-Bar mount making mounting the system easy. Single hole required to deliver ozone into the ice machine.



Application

Ice Machines

Operations

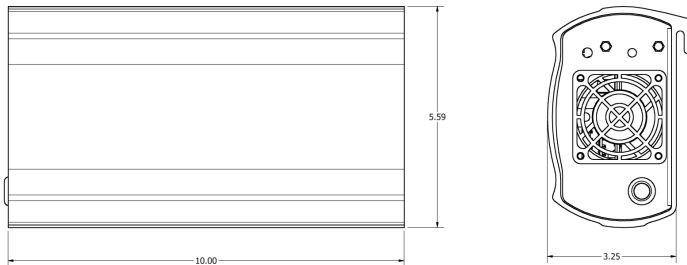
The Sanit-ICE Ozone System is controlled via a sophisticated microcontroller. This microcontroller adjusts several different parameters to accommodate a wide variety of ice machine sizes. By the press of a single button the operator can vary both ozone flow and treatment time. The setting will be indicated by the color of the LED light located next to the selector button. For example:

LIGHT	FUNCTION
OFF	OFF
YELLOW	0.5 SCFH / On 1 min every 10
GREEN	1 SCFH / On 2 min every 10
BLUE	1.5 SCFH / On 4 min every 10
PURPLE	2.1 SCFH / On 7 min every 10



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► Specifications



System	
Dimensions	5.6" h x 10" w x 3.3" d
Inlet	3/16" Barb
Power	120 - 240 VAC 50 - 60 Hz
Input Voltage Power	90 - 265 VAC
Power Connection	6' Long with 3-Prong Cord
Mounting	Z-Bar
Ambient Conditions	32° - 95°F (0° - 35°C) 10 - 90% RH Non-Condensing
Shipping Weight	3.5 lbs.
Performance	
Air Flow	2 - 4 SCFH Backpressure 2 psi max
Ozone Output (Continuous Operations)	250 mg/hr at 4 SCFH on Ambient Air

► Installation

Simply mount the unit to a wall using the Z-Bar system. Mount the aluminum Z-Bar to the wall and then slide the unit onto that bar. Drill a single hole through the wall of the ice maker large enough for a 1/4" tube to pass through. See the picture below. Connect the diffuser stone to the end of the tube and place in the sump, connect the other end of the tube to the Sanit-ICE System. Connect the Sanit-ICE to power and the system is ready to operate.



► Warranty

Systems have a 12 month warranty against defects in material and workmanship. Warranty does not include filters or membranes. For complete warranty information, contact OptiPure customer service.

Dealer/Distributor Info:

This product is for commercial use only and must be installed and maintained according to manufacturer's guidelines.

Do not use on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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