

BELANGRIJKE INFORMATIE!

De ijsblokjesmachine bij Uw bedrijf is vanaf heden uitgerust met een IceZone, welke geproduceerd is door BioZone Scientific International.



Deze IceZone blaast een door UV licht behandelde luchtstroom in Uw ijsblokjesmachine waardoor de groei van bacteriën en schimmels wordt tegengegaan. U kunt Uw ijsblokjesmachine minder frequent schoonmaken. Bovendien wordt de bacteriologische kwaliteit van Uw ijs verbeterd.

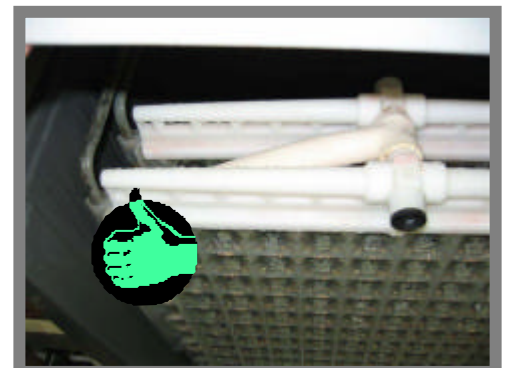
De installatie moet volgens de bijgesloten Engelse handleiding geschieden. Mocht U problemen hebben dan verzoeken wij U vriendelijk contact met ons op te nemen.

De IceZone heeft controle en onderhoud nodig. Wij schrijven de volgende controles voor:

- Bij voorkeur dagelijkse controle op de functionaliteit van de lamp. (Brand het lampje bovenop de IceZone ? – Werkt de ventilator goed ?)
- Wekelijkse visuele controle van de ijsmachine. (is er overmatige aangroei van schimmels ?)
- Maandelijkse onderhoud van de IceZone voor wat betreft de ventilator, roosters en de UV lamp.
- Eens per jaar moet de lamp vervangen worden.

Voor de laatste twee stappen raden wij U aan om een onderhoudscontract af te sluiten zodat een door BioZone Scientific opgeleide servicemonteur dit voor U verzorgt.

BioZone Scientific en zijn wederverkopers aanvaarden geen aansprakelijkheid voor enige schade wanneer deze controles en vervangingen niet tijdig en volgens schema zijn uitgevoerd.



BIOZONE™ ICEZONE™ OWNER'S MANUAL

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When correctly installed and properly used, the BioZone IceZone device keeps ice-machines clean, greatly enhancing their functionality and making for cleaner ice.

- BioZone IceZone significantly diminishes the presence of microbes, mould spores, yeast and other organic growths on the surfaces and in the air inside the ice machine.

BioZone™ IceZone is the result of extensive research and sustained product development. Indeed, BioZone Scientific International Inc. has more than a decade of experience in designing and manufacturing its products.

- It has been demonstrated that BioZone™ IceZone is highly effective and safe to use. Certificates issued to this effect are listed in the Certifications section of this manual.
- Every IceZone unit has undergone a strict quality-control regime. However, should the unit malfunction, follow the instructions in the Troubleshooting section of this manual. If the problem persists, please contact your local supplier.
- BioZone products are designed to be user-friendly with a high degree of functionality, ease of operation and simple installation the primary considerations. User feedback is important for the continuous development of our products. We value your opinion and would greatly appreciate your feedback at email address: icezone@biozonescientific.com

For more information, visit our home page at www.biozonescientific.com and find

- BioZone solutions for other applications such as public restrooms, garbage rooms, power cleaning etc.
- Contact information for importers and suppliers

BioZone technology

As air enters the BioZone unit, it is channelled into the air purification chamber. In the chamber, the air is sterilized by germicidal ultraviolet light. In addition, the UV-light reacts with the gaseous contents of the air to producing purifying plasma, which is led out of the purification chamber. The plasma contains reactive oxygen species such as hydroxyl radicals and ozone, which destroy bacteria, viruses, fungi, yeast, mould, algae, and other harmful micro-organisms as well as unpleasant odours.

Warranty

Please see the attached warranty card, if included, or contact your local distributor.

The provisions of this warranty are in lieu of any other written warranty, whether expressed or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. The manufacturer's maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall the manufacturer be liable for special, incidental, consequential or indirect damages. This warranty does not cover a defect that resulted from improper or unreasonable use or maintenance, accident, improper packing, or unauthorised tampering, alteration or modification as determined solely by us. This warranty is void if the label bearing the serial number has been removed or defaced.

Safety Instructions

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children are not allowed to use or play with this appliance and should be supervised to ensure this.
- If there is reason to suspect that the unit has been damaged, do not connect power or attempt to use it.
- Use only spare parts approved by BioZone Scientific International.
- Disconnect the device from the power-supply network before cleaning or servicing.
- Installation and maintenance must be carried out by a maintenance mechanic or appropriately qualified person only.



Unit Components (illustration A)

a.	Cover
b.	Locking shank (also functions as the ON/OFF switch)
c.	Power socket
d.	Fan
e.	UV-lamp
f.	Base-plate
g.	Locking nut
h.	Pipe
i.	Locking washer
j.	Rubber seal
k.	Double-sided adhesive tape
l.	Key
m.	Power adapter
n.	Power cord

Before installation

- Check that the aforementioned components are included in the package (some are inside the device). In the event that something is missing, contact your supplier.
- Inspect the device for damage that may have occurred during transportation. If the unit has been damaged, do not connect it to the power supply or try to use it otherwise. In the event of damage, immediately inform the dispatcher or retailer.
- Check whether the manufacturer of the ice-machine has verified the compatibility of the ice-machine with IceZone and recommended a suitable location for the IceZone unit. If so, comply fully with the manufacturer's instructions.
- Only a maintenance mechanic or appropriately qualified person may install the IceZone.
- The installation may not be carried out in such a way that it damages electronic components, ice-machine components or wiring. Furthermore, installation must not require any modification to or re-positioning of ice-machine components.
- Before installation, disconnect the ice-machine from the power supply.

Installation instructions**Step 1**

To achieve maximum efficiency, the correct placement of the IceZone is very important. If at all possible, it is recommended that it be mounted on top of the ice-machine. Remove the ice-machine's cover plate before installing IceZone. Drill a 41 mm (1 5/8 inches) hole in the cover plate to accommodate the exterior-threaded pipe fitting. The optimal place for the hole depends on the make and model of the ice-machine. Before installation, make sure that the power cord (n) is within easy reach of the power-supply outlet.

ATTENTION: Do not connect the power adapter (m) to the mains supply at this stage!

Step 2

Ex-factory, the IceZone is locked by default. To open the cover (a), insert the key (l) and rotate the locking shank (b) a quarter turn in an anticlockwise direction. Remove the key.

Step 3

The cover is firmly attached to the base-plate (f). To remove it, insert a broad screwdriver or similar tool between the cover and the base-plate and gently prise it off.

Step 4

Remove all locking nuts (g) from the inner pipe (h) with the exception of the lowest one. Withdraw the pipe from the IceZone unit and insert it into the hole which has been drilled in the cover plate of the ice machine so that the lower locking nut is against the inner side of the cover plate. Affix the rubber seal (j) onto the pipe (i.e. on the outer side of the cover plate of the ice machine) and screw the upper locking nut (g) onto the top of the pipe. The pipe can be adjusted to the required height with these nuts (g). The inner end of the pipe (h) should be fitted as close as possible to the underside of the cover plate. By installing this way, the plasma will be dispersed inside the ice machine in the most effective way.

Step 5

Remove the protective covering from the double-sided adhesive tape (k) supplied with the device. Attach the strips of tape to each corner of the IceZone's base-plate. Insert the power-supply cord (n) into the power socket (c) in the base-plate. ATTENTION: Do not connect the power adapter (m) to the mains supply at this stage! Place the IceZone unit (with power cord connected) over the pipe which is already fitted onto the cover plate of the ice-machine so that the pipe fits through the hole in the base-plate of the unit. Next, insert the locking washer in between and tighten the upper nut against the upper surface of the IceZone's base-plate.

Steps 6 and 7

Replace the cover following the step 2 procedure in reverse order; turn the key a quarter turn in a clockwise direction, and remove it. Connect the IceZone's adapter to the power-supply outlet. The control light will go on indicating that the IceZone has been activated.

Attention: Remember to reconnect power to the ice-machine

Maintenance instructions

If the device is located in a dusty or smoke-filled area, it is recommended that the lamp (also end-cover and protective grid if unit is equipped with ones) be cleaned every three months. This will significantly lengthen the life of the lamp. The lamp must be changed once a year in order to ensure maximum functionality and efficiency.

Cleaning and changing the lamp

1. Disconnect the power supply to the device
2. Open the unit in accordance with the installation instructions in this manual
3. Ensure that the lamp has cooled down. Extract the lamp from its retaining clips (see illustration M). When handling the lamp, avoid touching the glass element with exposed fingers.
- 4a. Cleaning the lamp: Clean the lamp with a soft cloth and an appropriate cleansing solvent. Reinsert the lamp.
 - b. Changing the lamp: Insert a new lamp (see technical specifications in this manual for correct lamp type). Use only a new BioZone Scientific International lamp (using other lamps will void the warranty).
5. Close the unit in accordance with the installation instructions in this manual.
6. Connect the power
7. When the lamp has been replaced, dispose of the old lamp in accordance with local regulations pertaining to hazardous waste disposal. UV-lamps contain small traces of mercury.

Troubleshooting

In the event that the undermentioned instructions do not solve the problem, contact your supplier.

The fan works, but the lamp is not on

1. Check that the lamp is properly inserted into its socket
2. The lamp may be defective. Replace the lamp with a new one.

The lamp and the fan do not function

1. Check that the device is plugged into the power supply
2. Check that the power outlet functions properly
3. Check that the adapter functions properly and the power cord is undamaged
4. Check to see if the locking shank (which also functions as an ON/OFF switch) is fully turned and properly engaged

The airflow is weak

1. Check to see if the grid is clogged with dust or debris
2. Check for blockages to the incoming or outgoing air flow
3. Check that the fan functions properly

Disposal/recycling

Packaging

Packing materials can be recycled. In the interest of environmental protection, dispose of them properly.

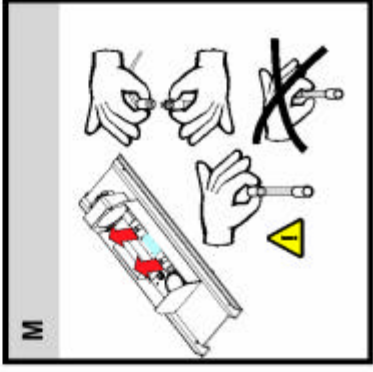
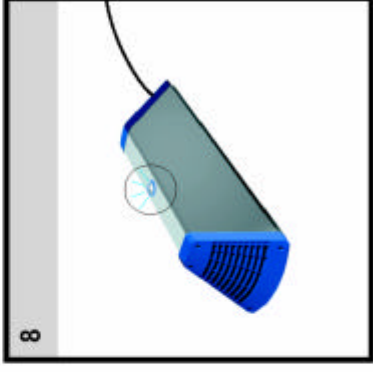
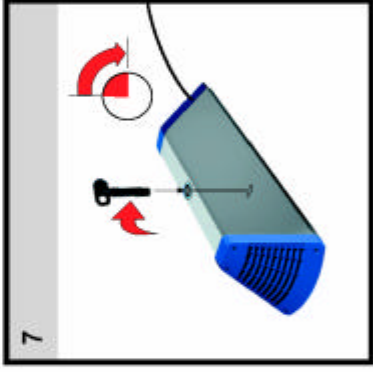
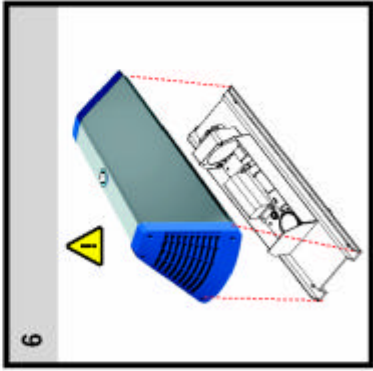
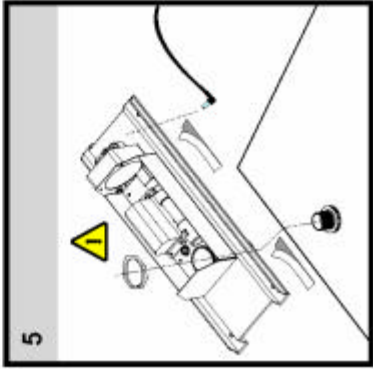
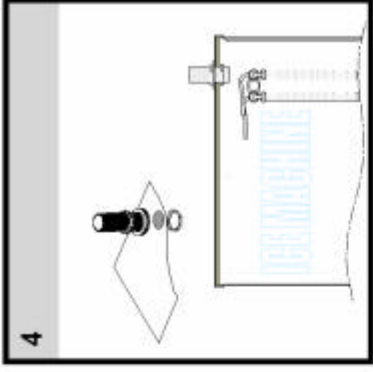
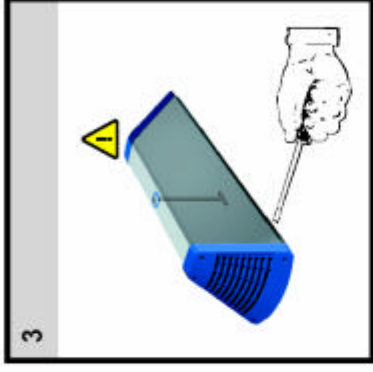
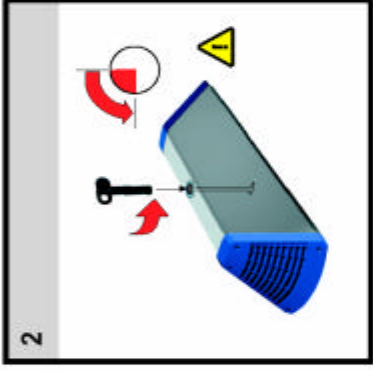
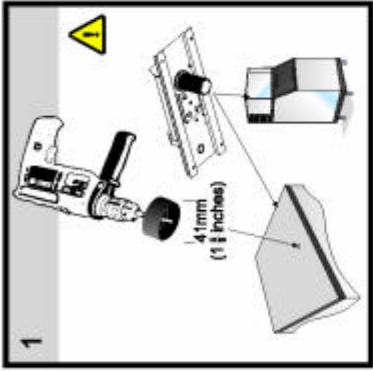
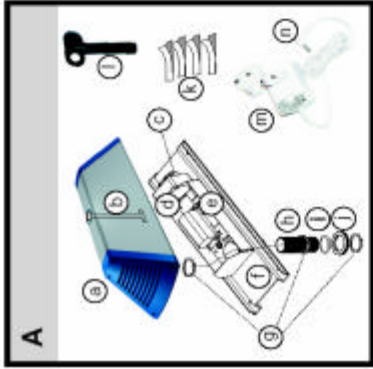
The unit and UV-lamp

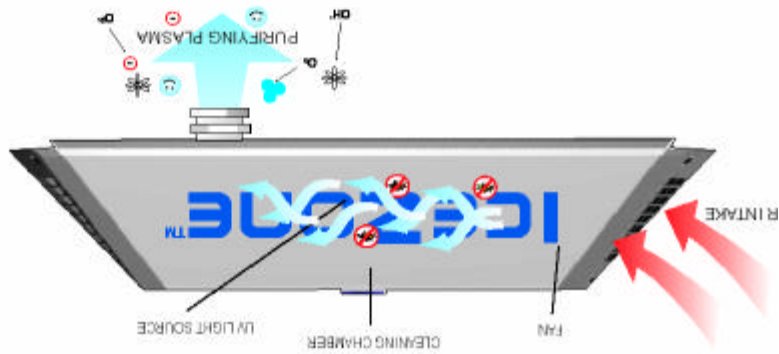
If your BioZone Air Purifier needs to be disposed of, do so in accordance with the instructions pertaining to standard electrical equipment. UV-lamps contain small traces of mercury. Old, defective or broken lamps must be disposed of in accordance with laws related to the disposal of hazardous wastes.

Certifications

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and
This device must accept any interference received, including interference that may cause undesired operation.





IceZone™ 10, 20



Specifications	ENGLISH	IceZone 10	IceZone 20	DEUTSCH	Techniset tiedot	SUOMI
Size		401 x 133 x 91mm (15.8x5.2x3.6 inches)		Maße		Mitat
Weight		1262.0 (2.8lbs)		Gewicht		Paino
Power cord		2.1m (6ft)		Strömäteli		Virtajohto
Main connector		Country specific		Hauptanschlusser		Virtajohdin
Power input		12V, 1.8A transformer E connector *		Stromanschlusser		Virtajohdin
Electricity consumption		110-240VAC, 50-60Hz		Stromenkulutus		Virtajohdin
Operating temperature		120VDC, 0.78A		Stromenkulutus		Virtajohdin
Humidity		-20°C-40°C (68°F-104°F)		Feuchtigkeit		Ilmankostuus
For ice machine with daily ice production		0-00% RH non-condensing		Für Eismaschine bei täglicher Eisproduktion		Jälkeisäksennäkö, joiden jään tuotto on
Lamp start life		<270kg (600lbs)	<444kg (1200lbs)	Lampe: Leuchtstoffröhre		Lampun vaihtoväli (yö)
Lamp life		3 years		Lampe: Leuchtstoffröhre		Käyttökäa
Lamp code (new)		10-04000	10-04100	Lampenkod (neu)		Lampenkod (uus)
Lamp code (old)			13-3040	Lampenkod (alt)		Lampenkod (vanha)

Manufacturing materials/Herstellungsmaterialien/Manufacturing materials: Aluminium, ASA
 Design/Entwicklung/Conception/Suunnittelu: BioZone Scientific International, Inc., Linnolaite 45, 02800 Espoo, Finland

Specifications and design are subject to change without notice. Spezifikations- und Designänderungen sind vorbehalten. Ohjeudet teknisiin muutoksiin pidetään.