

Thank you for having chosen our company’s dry ice machine. For your own safety, please read this user manual carefully before installing the device.

When receiving the machine, open the package and check carefully whether the machine is damaged or the accessories are lost, if any problems, please contact the supplier.

Before connect to power, you should check whether the voltage you use is suitable for the bubble machine or not. It is recommended that each dry ice machine has an independent power supply switch, so that you can turn on or off each bubble machine

Note: when connecting the power supply, the ground wire must be safely grounded, and the electrical installation shall comply with all relevant standards.

parameters■

- Power: 3500W
- Voltage: AC 110V/220V 50/60Hz
- Heating time: 12 minutes
- Electronic temperature control: 70-80℃
- Water consumption: 10 L (up to water line)
- Max continues output duration: 5-6minutes
- Max output coverage: 200 square meters
- Net weight: 8.8kg
- Gross weight: 11.1kg
- Packing size: 49*45*46.5cm

- *Before breaking the dry ice , cover it with pieces of cloth or place the block in a cloth bag. Eye protection must be won.
- *Do not use in a confined space. Make sure the room is well ventilated before beginning usage.

NOTED

- * For safety reasons, we do not recommend mounting the product in any capacity. Operate the products while it is on the ground only
- * During warm up and operation, water will be scolding not. Do not place your hand into the water.
- *Do not remove basket when the unit is plugged in or when heaters are hot.

Warming

- * Always make sure that the voltage of the outlet to which your are connecting the product is within the range stated on the decal or rear panel of the product.
- *The product is for indoor use only (IP20) to prevent risk of fire or shock , do not expose the product to rain or moisture.
- *Always install the product in a location adequate ventilation, at least 20 in (50cm) from adjacent surface.
- * Be sure that no ventilation slots on the products housing are blacked.
- * Never connect the product to a dimmer.
- *Never carry the product from the cord or any moving part.
- *The maximum ambient temperature is 40℃ . Do not operate the product at higher temperature.
- * In the event of a serious operating problem, stop using the product immediately.
- *Never try to repair the product . Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- *Do not continue to use the machine once visibility is reduced 20” (50cm) or below. The area in front of the product may become wet during operation. Make sure not to use near smooth floors as they may become slippery.
- *Water temperature should be about 175°F (79℃)for optimal operation.

*Keep this user manual for future consultation. If you sell the product to another user, be sure that they also receive this document.

How to work with it

1. Place the machine on a firm level surface where it will be used. Take off the lid and fill with water(hot or cold) with about 10 liters, the water line subject to the steel plate's scale mark of the inner side machine until the red light comes on, which means the machine is heating up.
2. Plug the cord into a grounded 22-amp receptacle. A ground fault interrupted receptacle would be preferred. The heater draws 11 amps at 220Voltage.
3. While the machine is heating up, the heating time of single electrical heated tube 3500W is 12 minutes. Raise the basket to its highest level with the black handle on the side of the machine and lock it in the highest stop.
4. When the water is steaming after approximately 15-20 minutes the machine is now ready to use.
5. Using protective gear load, the basket can hold 10 kilograms (about 20lbs) of dry ice. The basket size has been designed to give on large "show" from each bag or block dry ice if filled to approximately 1-1 from the basked rim. It can hold 3kgs dry ice at most each time. The loading of the dry ice should be done at the last possible moment when needed, because the steamy atmosphere in the machine will make the dry ice evaporate if put it in too long beforehand.
6. Remove any ice chips on the lid seal and place the lid on. Secure the lid by turning the two arms inward on the lid and push down on the leavers to latch.
7. When the "fog" is required , grasp the basket lever and slowly lower the handle. A full basket should not be plunged into the hot water. This would result in dangerous pressure build up due to the violent action of the dry ice sublimating. As the CO2 is immersed a "fog" will be produced in thick clouds from the front nozzle. To increase the rate, lower the

handle to the next stop. Raising the handle fully will quickly stop the effect, thus it is possible tor and ON & OFF type of effect.

8. After your first effect top up the water and allow the unit to heat up. Take the CO2 block/pieces from its storage container and load in the basket.

9. When the machine is to be emptied allow it to cool. Empty the machine into buckets where it stands rather than carrying it to the drain. Do not move the machine with hot or boiling water in it.

SET UP

AC POWER

The machine has a fixed voltage power supply and can with an input voltage of either 110-120V AC ,60Hz or 230V AC , 50Hz, depending on the specific model.

To determine the product's power requirements (circuit breaker, power outlet and wiring) , use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.

Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.

Never connect the product to a rheostat (variable resistor) or dimmer circuit, event if the rheostat or dimmer channel serves only as a 0 to 100% switch.

About dry ice and CO2

Dry ice is a solid form of carbon dioxide. The term "dry ice" is used

because of its ability to sublime the process of transforming from a solid directly to a gas without any liquid formation. Dry ice reaches a temperature of -189.5°F (-87.5°C).

When immersed in hot or boiling water, dry ice sublimates and agitates the water. The released cold CO_2 gas causes the water vapor to form water droplets in the air. This expansion of gas and moisture pushes its way out of the machine. Because the CO_2 is cold and heavy, the moisture sinks to the floor. The droplets in the air create the fog effect.

Dry ice warning

- *Do not cover or plug the output nozzle during operation. Compressing the dry ice will cause a chemical reaction that may lead to an explosion

- *Do not handle dry ice with bare hands. Thick gloves must be worn.

- *Do not swallow dry ice. It will lead to severe internal injuries.

Before breaking the dry ice, cover it with a piece of cloth or place the block in a cloth bag. Eye protection must be worn.

- *Do not use in a confined space. Make sure the room is well ventilated before beginning usage.

- *Dry ice should never be stored in a sealed container that can lead to a pressure built-up and a risk of an explosion.

3500W Dry Ice Machine

User Manual



Please read this manual carefully before using