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# SUNPENTOWN SU-2031 Owner's Manual

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## **POLAR BEAR ULTRASONIC HUMIDIFIER**



### **SU-2031: Polar Bear Humidifier**

**To prolong the life of this humidifier, using distilled water is highly recommended. NEVER add fragrance or oil in the water, it will cause the machine to malfunction and void the warranty.**

**READ AND SAVE THESE SAFETY INSTRUCTIONS BEFORE USE**

## **INTRODUCTION**

Thank you for choosing this humidifier. Each unit has been manufactured to ensure safety and reliability. Before using for the first time, please read the instructions carefully and keep them for future reference.

## **IMPORTANT SAFETY INSTRUCTIONS**

**When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:**

1. Use this humidifier only as described in this manual. Other use not recommended may cause fire, electric shock or injury to persons.
2. Always have water in the water tank when operating the unit.
3. Use only clean, cool tap water to fill the tank. If you have hard tap water, it is strongly suggested to use distilled water.
4. Be sure the cap of the water tank is firmly tightened.
5. When adding water to the tank, make sure water does not enter the mist output opening.
6. During operation, rotate the mist nozzle so it aims away from children, walls and furniture.
7. This product is intended for household use ONLY and not for commercial, industrial or outdoor use.
8. Do not add medication of any type into the nozzle, base or water tank.
9. Do not cover any openings on the unit or insert objects into any openings.
10. Do not tilt or tip the unit or attempt to empty or fill while in operation.
11. Do not leave the unit unattended in closed rooms as the air could become saturated and leave condensation on walls or furniture. Always leave the room door / window partly open.
12. To protect against electric shock, do not immerse unit, plug or cord in water or other liquids.
13. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of shock, this plug is intended to fit only one way in a polarized outlet. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT attempt to defeat this safety feature.
14. Keep the cord away from heated surfaces and areas where it could be walked on or tripped over.
15. Use only a 110-120V AC outlet
16. Close supervision is necessary when any appliance is used by or near children.
17. Turn the unit OFF and unplug from the outlet when not in use, when moving from one location to another and before cleaning.
18. To disconnect, first turn the unit OFF, grip the plug and pull from the wall outlet. Never pull the plug by the cord.
19. Do not operate the humidifier in the presence of explosive and/or flammable fumes.
20. Do not place the humidifier or any parts near an open flame, cooking or other heating appliance.
21. Do not operate humidifier with a damaged cord or plug, or if the product malfunctions, or dropped and damaged in any manner (see warranty).
22. The use of attachments not recommended by the manufacturer may be hazardous.
23. Place the humidifier on a flat, level surface away from direct sunlight.
24. Do not operate if the housing is damaged.
25. A loose fit between the AC outlet (receptacle) and plug may cause overheating and a distortion of the plug. Contact a qualified electrician to replace loose or worn outlet.

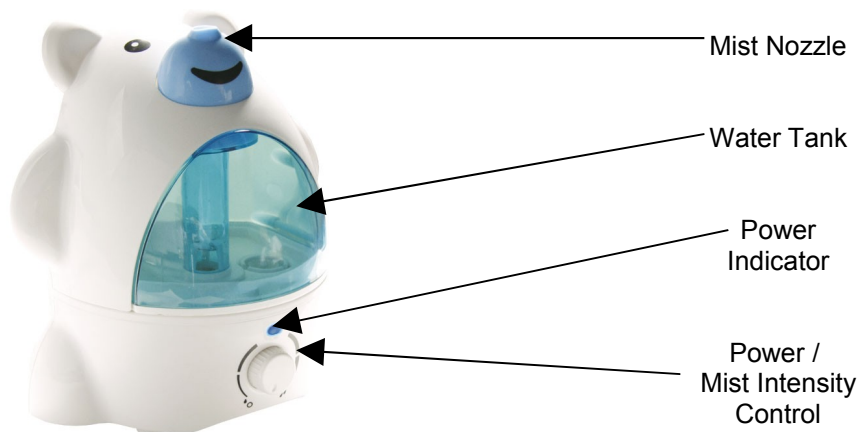
**To prolong the life of this humidifier, using distilled water is highly recommended. Do not add fragrance or oil in the water, it will cause the machine to malfunction and void the warranty.**

## NOTE ON HUMIDITY LEVEL

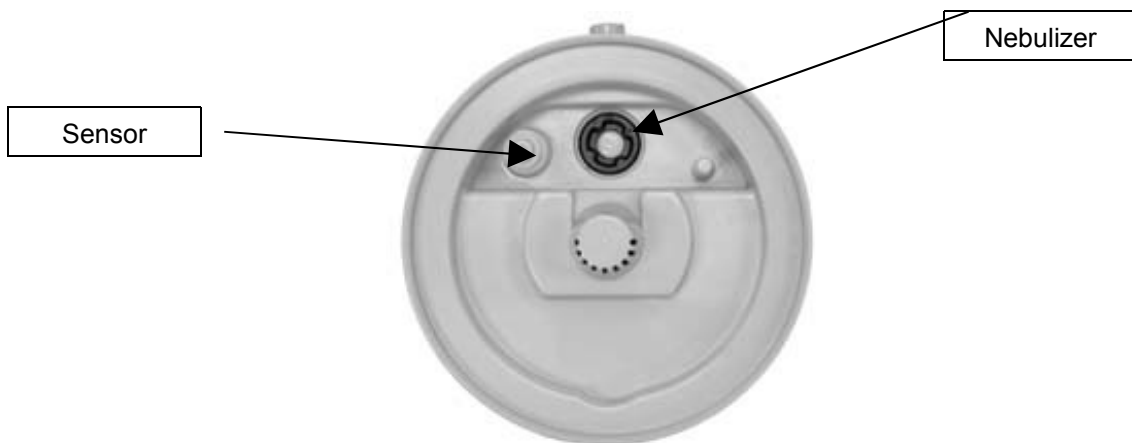
- It is best to keep the humidity level between 30~50 percent of relative humidity.
- The comfort level of humidity will vary from room to room and with changing room conditions.
- In cold weather, windows and sometimes walls may fog or develop frost from excessive indoor humidity. If this occurs, reduce the mist intensity setting to avoid damage from condensed water dripping on windowsills.
- Too much humidity in the room may allow moisture to accumulate on surfaces where bacteria and fungi can grow. Moisture that gathers may also damage furniture, walls and wallpaper.
- To eliminate excessive humidity, especially in smaller rooms, leave the room door or window open and adjust the mist intensity control accordingly.

## PARTS IDENTIFICATION

### A. Unit



## B. Base



## OPERATING INSTRUCTIONS

- Remove water tank by grasping firmly and pull upwards.
- Turn water tank over and turn the cap counter-clockwise to open. Fill with COOL tap water or DISTILLED water. DO NOT USE HOT WATER. *Do not add fragrance or oil in the water – it will cause malfunction of the unit!*
- Replace the fill cap by turning clockwise – do not over tighten.

**NOTE:** When carrying a filled water tank, place one hand under for support.

- Place water tank back in place, making sure the tank is correctly aligned with the body.
- Plug in power source and the Power Indicator will light up.
- Turn the Power/Mist Intensity knob clock wise to turn on. You will hear a “click”.
- To adjust mist intensity, turn the Power/Mist Intensity knob accordingly. Farthest right is highest mist output.

### NOTE:

- Once the water tank is in place, do not attempt to move the humidifier. If it has to be moved, unplug the unit and move with caution.
- Once the unit is plugged in or during operation, do not attempt to pick up the water tank. To move the unit or add water to the tank, first turn unit off and unplug power.
- Pay attention to the water level - add water when low.

## STORAGE

- Save the box for off-season storage.
- Clean the tank, reservoir and all part thoroughly and dry completely before storage.
- If water is left in the unit during storage, it may harden and leave deposits that may affect the unit from operating properly.

- Leave the cap of the water tank loose. This will prevent the cap and gasket from sticking together and prolong the life of the gasket.

## **TROUBLESHOOTING**

1. Unit is not producing mist.
  - Check if unit is powered on.
  - Turn the mist intensity level higher (clockwise)
  - Verify the water tank is full.
  - If there is water in the tank, the water level in the base is too full. Unplug unit, remove tank and pour out water in the base.
  - Check if water tank is properly placed onto the body.
2. Little to no mist
  - Verify the water level
    - There may be calcium and/or mineral buildup on the nebulizer, clean with suggested solution

## **CARE & MAINTAINENCE**

- Turn off power and unplug unit before cleaning.
- Never use a detergent or any cleaning chemicals to clean any part of the unit. Detergent dissolved in the water supply can interfere with the mist output.
- If water tank is extremely dirty, soak with a mild bleach and water solution and rinse clean. Never use detergent.
- Wipe the exterior of the body with a damp cloth.
- Do not spray water or any liquid onto the control.
- Never immerse the base in water or let water enter the air outlet or other openings.
- Clean and rinse the water tank and mist nozzle with lukewarm water frequently to avoid mineral build up, especially during the heating season.
- Keep the nebulizer and water sensor free of mineral deposits. Remove water tank and empty the reservoir. Clean the nebulizer and sensor with a soft brush (old toothbrush). Do not scrape the nebulizer or water sensor. Do not clean with tools that have metal parts.
- Leaving water to sit in the tank for more than a couple days may cause bacterial growth. Always empty the tank if not planning to use for a few days.

## **TECHNICAL SPECIFICATIONS**

Model	SU-2031 Polar Bear Humidifier
Input voltage	AC 120V~60Hz
Power consumption	21 W
Water tank capacity	2 L



## Your Guarantee

**If this product is found to be faulty as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired free of charge.**

This guarantee is subject to the following terms:

- Sunpentown must be notified of the fault.
- Proof of purchase must be presented to Sunpentown's nominated representative.
- The warranty will be void if the product is modified, misused or repaired by an unauthorized person.
- The warranty after repair will not be extended beyond the original one-year period.
- All replacement parts will be new or reconditioned.
- Parts, which are replaced, become the property of Sunpentown.
- The warranty applies for the use of the product in the USA only.

### **What is NOT COVERED:**

- Warranty does not include freight charges.
- Incidental or consequential damage caused by possible defects with this product.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of nature.
- Failure of product resulting from unauthorized modifications to the product.
- Improper installation or failure to perform the necessary maintenance.

This GUARANTEE is in addition to your Statutory Rights

**SUNPENTOWN INTERNATIONAL INC.**  
**21415 Baker Parkway, City of Industry, CA 91789-5236**  
**Tel: 909-468-5288 · Fax: 909-468-5279**  
**service@sunpentown.com**  
[www.sunpentown.com](http://www.sunpentown.com)