



**DIGITAL ULTRASONIC HUMIDIFIER
APPLE SERIES**



MODEL: SU-2081B

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.

READ AND SAVE THESE SAFETY INSTRUCTIONS BEFORE USE

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INTRODUCTION

Thank you for purchasing Sunpentown Digital Ultrasonic 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:

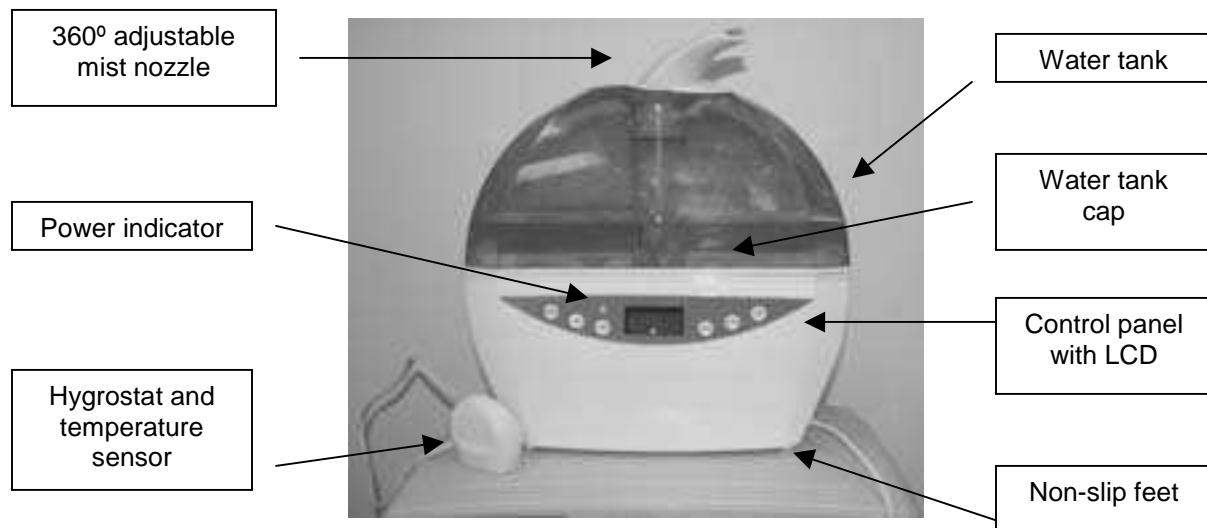
1. Use this humidifier only as described in this manual. Other use not recommended may cause fire, electric shock or injury to persons.
2. Always have water in the water tank when operating the unit.
3. Use only clean, cool tap water to fill the tank. If you have hard tap water, it is strongly suggested 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 no 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.
26. Never leave the appliance unsupervised when in operation.
27. When unit is not in good order, please use common sense to prevent further damage to surroundings.
28. All clean up is operator's responsibility.
29. The manufacturer is not responsible for damages caused by improper use or non-observance of this instruction manual.
30. If there is water leakage, clean up must be taken immediately.

NOTE ON HUMIDITY LEVEL

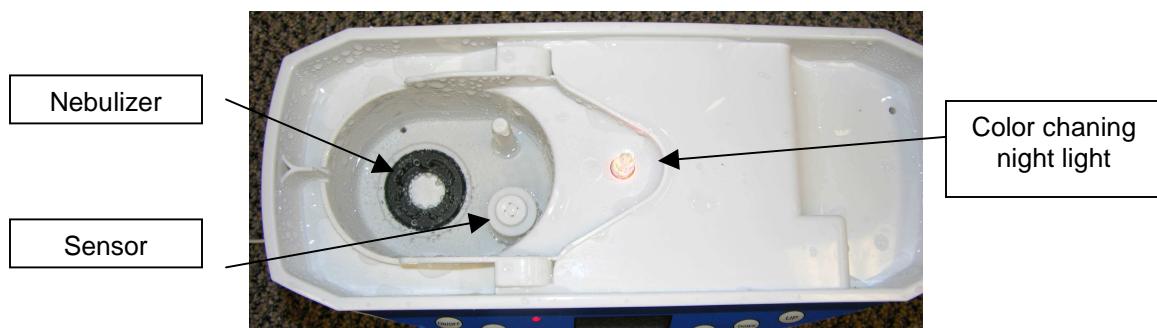
- It is best to keep the humidity level between 30~50 percent of relative humidity.
- The comfort level of humidity will vary from room to room and with changing room conditions.
- In cold weather, windows and even some walls may fog or develop frost from excessive indoor humidity. If this occurs, reduce the mist intensity setting or humidity 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 open and adjust the humidity and mist intensity controls accordingly.

PARTS IDENTIFICATION

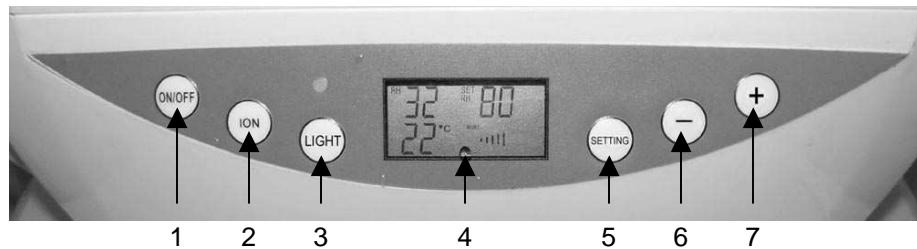
A. Unit



B. Base



C. Control Panel



1. ON/OFF: power button

- Press once to turn unit ON.
- Press again to turn unit OFF.

Note: The Power Indicator will lit once plug is connected to the outlet.

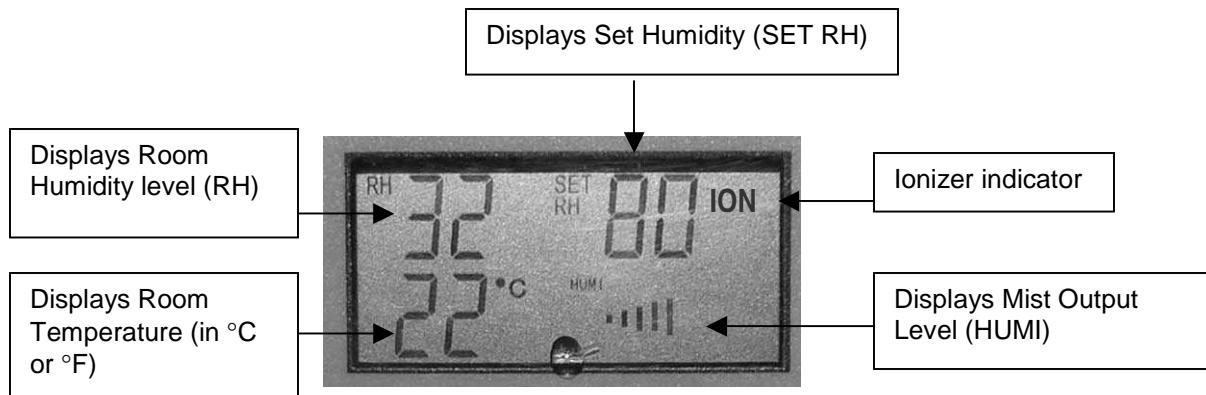
2. ION: ionizer button

- Press once to turn Ionizer feature on. ION will display on LCD.
- Press again to turn Ionizer feature off.

3. LIGHT: color changing night light

- Press once to turn on feature.
- Press again to turn off.

4. LCD display:



5. **SETTING:** to adjust set humidity (SET RH), mist output level (HUMI) or room temperature degree display (°C or °F). Please refer to details below.
6. **+** Button: used to increase set humidity level, mist output level or change room temperature degree display.
7. **-** Button: used to decrease set humidity level or mist output level.

OPERATING INSTRUCTIONS

- Remove water tank by grasping the housing 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.
- Replace the fill cap by turning clockwise – do not over tighten.

NOTE: When carrying a filled water tank, place one hand under for support and do not carry by the mist nozzle. *Do not add fragrance or oil in the water – it will cause malfunction of the unit!*

- 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.
- Press On/Off button, LCD panel will display settings and unit will begin to deliver mist output.
- The temperature and humidity sensor is a detachable design. Affix it to the unit or nearby surface to read ambient room temperature and humidity level.
- Adjust the mist nozzle as desired (it turns 360°).

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 drain water from the base before moving.
- Once the water tank is in place or during operation, do not attempt to pick up the water tank. This will cause excess water to collect in the base and reduce or cease mist output. To move the unit or add water to the tank, first unplug power and drain water from the base.
- Do not point the mist nozzle directly at the hygrostat. Do not spray or pour water on the hygrostat. This will cause the hygrostat to become defective in reading the correct room humidity level. If wet, it will read close to 100% humidity and unit will not produce any mist.
- During the first few minutes of operation, some mist may escape from the crevice where the water tank joins the base – this is normal and not a defect.

A. Adjust Mist Output

- Press + or – buttons to adjust mist output level (total 10 levels).

B. Change Room Temperature Degree Display

- To change ambient temperature display from °C to °F (or vice versa): Press SETTING button once and °C/°F will flash. Press + button to change the degree display.
- Press SETTING button twice when done.

C. Ionizer

- Press ION button to turn Ionizer feature on or off.

Change Humidity Setting

- To change set humidity: Press SETTING button twice and SET RH will flash. Press + or – button to set desired humidity setting. Range is 0 to 99.
- Press SETTING button again when done.
- Once the unit sense that the room humidity has reached set humidity, unit will cease to deliver mist output. Once the room humidity level falls below the set humidity level, unit will resume to deliver mist output.

Note: When unit is initially turned on (or after power has been disconnected), unit will operate at default settings: Room Temp display in °C, Humidity set at 80 and mist level at 5. If unit is powered off (without disconnecting power), last settings will be remembered and unit will operate accordingly.

D. Night Light

- Press LIGHT button to turn color-changing night light on or off.

Note: unit continues to deliver mist output while adjusting any of the above settings. However, ION and LIGHT buttons will not respond if you're changing the temperature display or setting humidity level. Please make sure display is return to normal before attempting to turn ION or LIGHT on/off.

PROTECTION FEATURES

This unit is equipped with the following protection features:

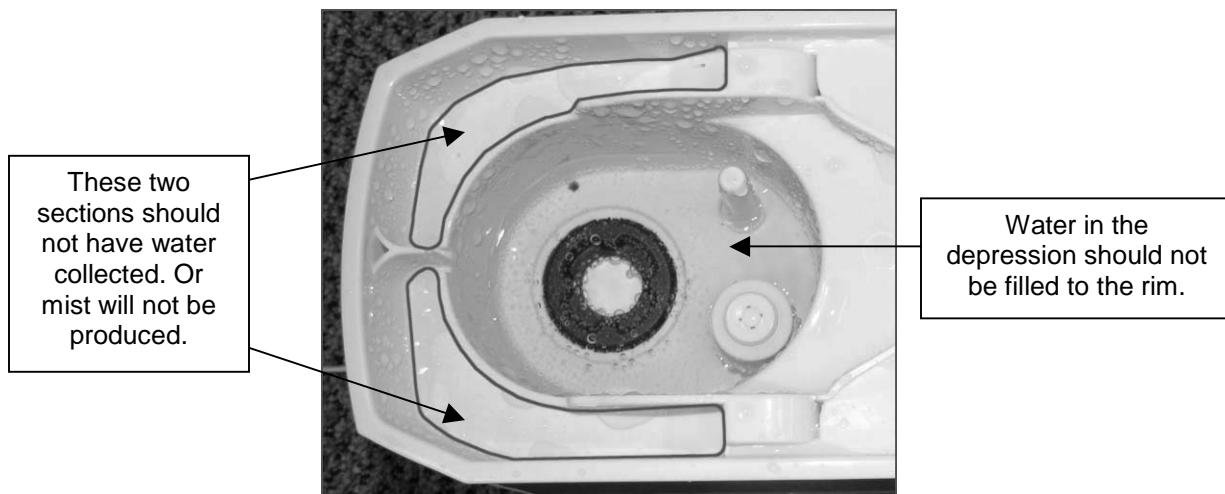
- Water Shortage Protection: If the water within the tank falls below a certain level, the unit will automatically stop operating.
- Humidity Control: When ambient humidity achieves the set humidity level, unit will stop mist output.
- Tank Alignment Control: When tank is not properly placed or moved out of position during operation, unit will automatically shut down.

STORAGE

- Save the box for off-season storage.
- Clean the tank, reservoir and all part thoroughly and dry 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.
 - Check if water is in the tank.
 - Check if water tank is properly placed onto the body.
 - Check if room humidity has reached or is over the set humidity level.
 - Select a higher mist output level.
 - Check if the hygrometer is wet or damp, and reading of room humidity level is excessively high.
 - Remove water tank and drain water from the base. If water is collected in the outlined section below, or if water in the depression is too close to the rim, will reduce or stop mist output.



CLEANING & 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 with a damp cloth, except the electrical controls.
- Do not spray water or any liquid on the outer base of the unit to avoid damaging the LCD and circuit.
- Never immerse the unit in water or let water enter the air outlet or other openings.
- Clean and rinse the water tank 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 the 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

Input voltage	120V~60Hz
Power consumption	32W
Coverage	150 ~ 200 sq. ft.
Water tank capacity	2.45L
Water output capacity	7.5 L per 24 hours
Unit dimension	10.75" L x 5.75"W x 11" H
Foot print	8.5" x 4"
Net weight	4.25 lbs



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.
14625 Clark Ave, City of Industry, CA 91745
Tel: 626-336-2299
service@sunpentown.com
www.sunpentown.com**