

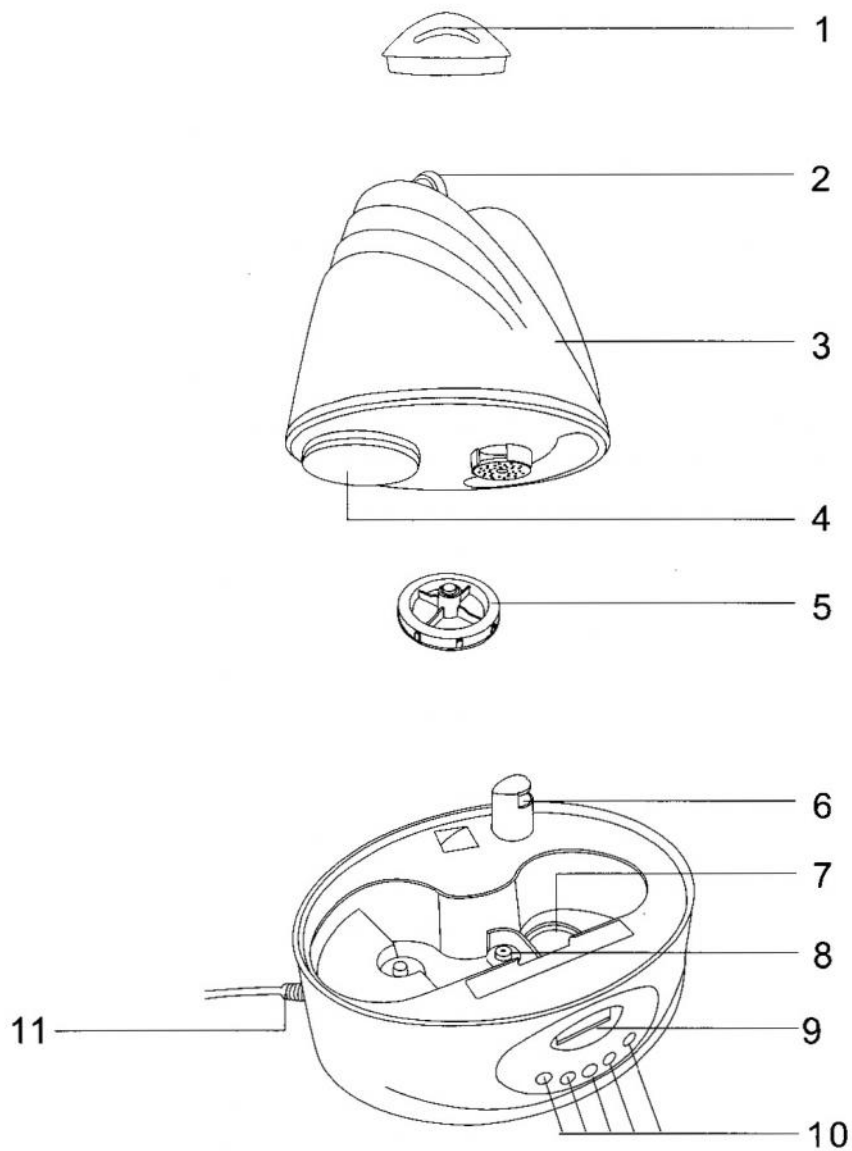
HesStar

ULTRASONIC HUMIDIFIER



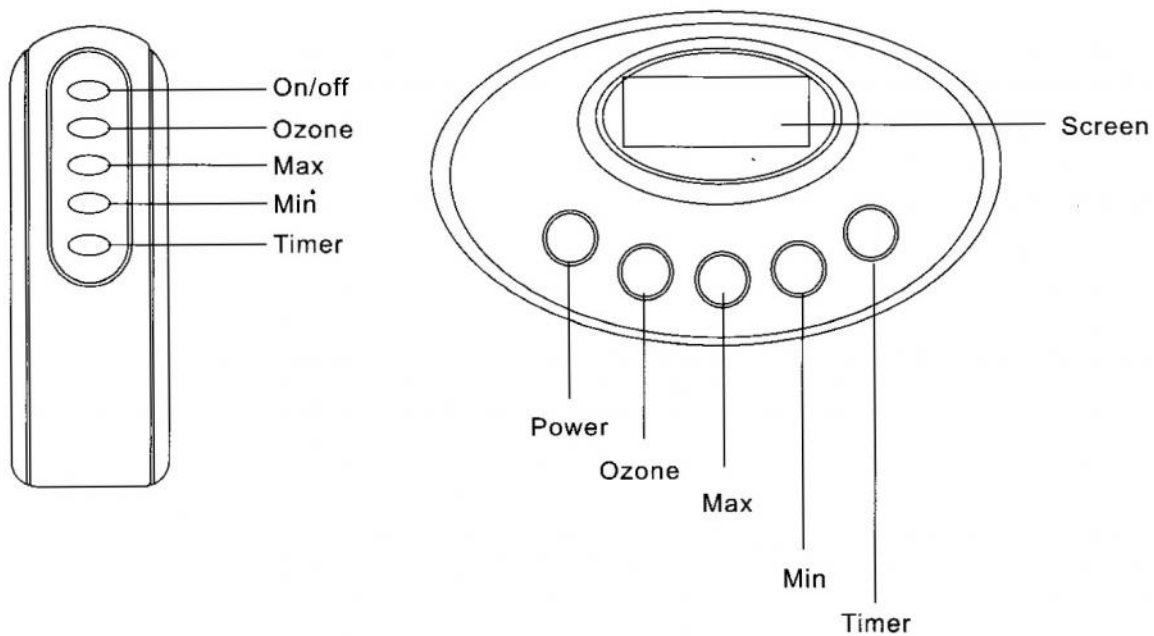
Instruction Manual

PART LIST



- | | | |
|-------------------|---------------|----------------|
| 1. Nozzle | 2. Handle | 3. Water tank |
| 4. Water inlet | 5. Tank cover | 6. Wind outlet |
| 7. Transducer | 8. Buoy | 9. LCD display |
| 10. Function keys | 11. Cord | |

OPERATION INSTRUCTION



- 1、 Fill the water into the water tank , tighten the tank cover and put the tank on the main body.
- 2、 Connect the plug to the socket.
- 3、 Press "ON/OFF" to start or stop operation.
- 4、 Press "MAX" or "MIN" to adjust the volume of mist.
- 5、 Press "TIMER" to set the operating time.
- 6、 Press "OZONE" to operate the function of ozone.
- 7、 When the water tank is empty, the set will switch "OFF" automatically , to refill water if you need to continue.

FEATURES & FUNCTION

Working Principle:

Ultrasonic Humidifier uses the ultrasonic high-frequency oscillator to break up water into tiny water particles with the diameter of about 1-5 μ m. The ventilation system blows out water mist into the dry air where they evaporate to give the required humidity. The clearly visible smooth and even fog can be seen out of the set.

Features and Function

- 1、 High efficient humidifying to increase and regulate relative humidity of the room air and adjust room temperature.
- 2、 Big tank cover is helpful for refilling water tank and easy to clean the inner part of tank.
- 3、 High-quality transducer guarantees a lasting and satisfactory operation.
- 4、 Built-in security device will switch off the unit automatically when the water tank is empty.
- 5、 Stream lined design meets the customer's requirement. The simple and clear signals on the LCD help you to operate without difficulty.
- 6、 Remote control enhances user's convenience.
- 7、 It will increase by one hour when press the timer key once. The max hours for timer is 12 hours . After the setting, the timer decreases by one minute, when the timer is off, the machine will stop automatically.
- 8、 The temperature shows on LCD is the room temperature when the machine operates.
- 9、 The ozone makes the evaporated mist more purified that improves the air quality in the room. The signal of "O₃" will be activated when press on the ozone key. Abundant ozone promotes quantity of oxygen that kill the bacteria.

SECURITY GUIDE

- 1) Read the operation instructions before using.
- 2) Check the electricity supply meets the voltage requirement.
- 3) Do not plug in or pull out the power cable with wet hands.
- 4) Never disassemble the base unit.
- 5) Keep the unit away from heating appliances and electrical appliances.
- 6) Replace power cable by qualified personnel if it is damaged.
- 7) Please don't let children play with it.
- 8) Any abnormal smell during normal operation, please switch off and disconnect power supply and send the set to an authorized service center for repairing.
- 9) Disconnecting power supply before cleaning or removing unit.
- 10) Never touch water and components in the water tank when the unit is working.
- 11) Never switch ON when there is no water in the water tank.
- 12) Never scrape transducer.
- 13) Never let water splash onto the inner of base unit for avoiding components damage.
- 14) Never wash the whole unit into the water and don't immerse in water.
- 15) Do not operate any appliance with a damaged cord or plug in after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service center for examination, repairing, or adjustment.

TROUBLE SHOOTING GUIDE

Any trouble found in normal operation, please refer to the following points:

Trouble	Possible reasons	Solution
Power lamp off, does not work	No power supply	Connect power supply, switch on
Power lamp on, no mist outlet with wind	No water in water tank	Fill water into water tank
	Improper tighten the security switch	Tighten the switch
Abnormal smell mist	New unit	Take out water tank, open cover, let it stay 12 hours in cool position
	Dirty water or long time stop using	Cleaning water tank. Fill in clear water
Power lamp on, unit doesn't work	Too much water in the water tank	Pour away some water from the water tank, close the cover of water tank tightly
Mist fog is too small	Too much scum in the water tank	Clean transducer
	Water is too dirty or water kept too long in the tank	Clean water tank, change to fresh clear water
Abnormal noise	Resonant in water tank when water is too less	Fill water into water tank
	Unit is on an unstable surface	Move the unit to a stable flat surface
Mist coming out from around nozzle	There are gaps between the nozzle and water tank	Dip the nozzle in water for a while and then fix it to the socket on water tank

MAINTENANCE

In case when the water is hard which means water contains too much calcium and magnesium, they can cause “white powder” problem and give heavy scum on the surface of the water tank, or transducer . Scum on the surface of transducer will make the unit work improperly.

We recommend:

- 1) Use cold boiled water or distilled water.
- 2) Clean the transducer, water tank and basin unit every week.
- 3) Change the water in water tank more often to keep it fresh.
- 4) Clean the whole unit, and make sure to keep all parts of the unit dry completely when the unit is not in use.

How to clean the transducer:

- 1) Put 5-10 drops of vinegar on the surface of the transducer, wait for 2-5 minutes;
- 2) Brush out the scum on the surface.
- 3) Rinse the transducer with clean water.

How to clean the tank unit:

- 1) Clean the water tank with soft cloth and vinegar if there is scum in it.
- 2) If the scum is covered on the security switch, drop the vinegar on the scum and clean it out with the brush.
- 3) Rinse the water tank with clean water.

TECHNICAL DATA

Model No: HUH-848

Standard Output: 280ml/H

Water Tank Capacity: 6.5L

Noise Level: < 35 dB (A)

Power Supply: 230V

Frequency: 50Hz

Power: $\overline{38W}$

N.W/G.W: 3.0 kgs/3.4kgs

Concentration of ozone: $\leq 0.05 \times 10^{-6}$