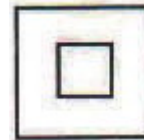


ORION®

**USER'S GUIDE
ULTRASONIC DIGITAL HUMIDIFIER
MODEL ORION ORH-028D
(English)**



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DEAR CUSTOMERS!
MANY THANKS FOR BUYING ORION ULTRASONIC HUMIDIFIER!

We really believe you will get the greatest pleasure from using this device for the years!

Please, read the user's guide in detail before first using of this ultrasonic humidifier

PRECAUTIONS

This product should be used only in accordance with the specifications outlined in this manual. Usage other than what has been specified here may result in serious injury.

1. Place the body horizontally at a suitable place, and the angle of slope less than 5°.
2. Don't use soap when you clean the water tank and bath, please use washing-powder.
3. Never touch the oscillating transduction piece with a sharp hard tool. Clean it with wet cloth only.
4. During cleaning, avoid water entry into the body, lest the internal electric components should become damp and faulty,
5. Don't remove the body components at will.
6. Don't add hot water of above 40°C to the water tank and water bath to avoid discoloration or distortion.
7. When the room temperature is below 0°C, please empty the water tank and water bath, lest the icing of water should damage the components.
8. Don't place metals, chemicals and detergents into the water bath, otherwise there might be poor atomization.
9. When there is much water in the water bath, do not move it about, otherwise water might overflow and flow into the body to cause troubles.
10. Don't put the unit at a place with strong light or direct hot air radiation.
11. When the unit is not to use for a long time, please cut off the power and unplug the plug.
12. Never pour out the water remaining in the water bath without turning off power, otherwise the transducer will be burned out immediately
13. Don't turn on the plug with a wet hand, otherwise there might be the risk of electric shock.
14. When the body is inclined, please handle this with the power cut off.
15. Don't touch the transduction piece upon starting, otherwise you will have the feel of pain.
16. Don't disassemble the unit without cutting off the power to avoid an electric shock.
17. Don't replace the power cord without authorization.

Failure to comply with the warnings listed above may result in electric shock or serious injury.

FUNCTIONS AND FEATURES

- LED Ultrasonic Humidifier (Computer controlled)
- Cool mist
- Room Temperature and Humidity showing
- Adjustable humidify and mist volume
- Timer setting
- Two modes (AUTO and MANUAL)
- Auto cut out when waterless with alarm
- Anion Function
- Using the nanometer technology effectively remove heavy metal.(filter option)
- Ultrasonic high frequency oscillation atomize the water into mist quickly
- Whisper-quiet cool mist operation
- Modern design. Safe and easy to use

DIRECTIONS FOR USE

1. Place the body horizontally at a suitable place.
2. Take out the water tank, screw off the tank cover where writing "Add Water Here" and top up clean tap water.
3. Screw down the cover and put the water tank on the right way.
4. Connect the unit to a 220V/50HZ power supply, turn on the power switch and the humidifying indicator will be illuminated.
5. There is staged adjustment of mist output, which is set to the humidifying your room. Adjusted the mist through to press "-" or "+" button.
6. Press the "ANION" key when you want to make anion air, the indicator light will be on at the same time.
7. When there is no water in the water tank, the built-in safety device will cut out the power automatically. To continue the operation, please turn off the power and refill the water tank.
8. Manual mode: There are auto and manual working model, please press the "SETUP" button if you want to change the model. The acquiescent model is auto when you press power button. It's follow "humidity setting" → "time setting" → "quit setting" → "auto model" → "humidity setting" when you press "SETUP" button each time. In addition, "humidity setting" → "time setting" → "quit setting" are belong to manual working model.
9. Humidity setting: Adjusted the mist through to press "-" or "+" button, the set point is 50%-90%. Humidifier will start automatically when humidity is below the setting humidity, stopped when above the setting digital, other function will not be changed.
10. Time setting: Set the time through to press "-" or "+" button, the set point is 0.5-8 hours. Increase or reduce 0.5 hours when press the button each time. Humidifier will be turned off automatically when time is out. Please press the power button again when you want to turn on the machine.
11. Quit setting: Quit setting and keep the humidity setting and time setting.
12. There is build-in water less device. Machine will be stop, the LCD will twinkle and showing "—" with alarm bell of "di di....." when water less.

FILTER

This filter clears and softs heavy water, improves water quality.

Features:

- Making water molecules smaller, easier to penetrate the cell membrane, increase cell activity and human immunity.
- Eliminate water odor and chlorine, eradicate harmful substances and carcinogens.
- Weak water alkaline to help the body acid-base balance and nutritional balance.
- Increase water Microelements which human body need, including calcium, magnesium, sodium, potassium, etc, and all kinds of mineral substance.
- High conductivity and low OPR promote digestion, prevention of aging and longevity benefit.
- Filter Characteristics remain unchanged under any condition no matter effected by sun, temperature, pressure, etc.

Note:

- Filter should be Cleaned each month and can be used all along.
- Recommended period of use of washable filter is 2 years with frequent use.

MAINTENANCE

- Before cleaning, be sure to cut off the power and unplug the plug.
- Cleaning of water tank(once every 2-3 weeks)
Screw off the water tank cover, wipe off the scale and rinse with water.
- Cleaning of sink(once a week)
If there is scale in the sink and transducer, put a little cleanser of humidifier in it, cleaning it after 30 minute.
- External cleaning of humidifier
Rinse the soft cloth in warm water of below 40°C, wipe off the surface stain. The spray nozzle can be flushed with water directly.
- Storage of humidifier
When the unit will not be used for a long time, clean and dry the unit, store it at a dry place in the original package.

SPECIFICATIONS

- Voltage: AC 220V , Power: 30W
- Current: 0,6A
- Water tank capacity: 4L
- Effective range: 20~40 m²
- Mist capacity: 300ml/h
- Noise: ≤35dB
- Protection against electric shock: Class II
- Digital LED display
- Timer setting
- Two modes (AUTO and MANUAL)
- Length of power cord: 1.5m
- NW/GW: 1.62kg/1.93kg
- Product size: 19*18*29cm
- Gift box size: 24*22*32cm
- Color: Black and White

TROUBLE SHOOTING

CAUTION: DO NOT attempt to repair the motor or nebulizer yourself. If the humidifier continues to not operate please call our service center (see toll free number below).

Troubles	Method of dismissing
The Power Indicator Lamp is off, without wind or fog.	<ul style="list-style-type: none">• Connect the plug into the socket.• Turn on the switch On/Off.
The Power Indicator Lamp is on, winding but without fog.	<ul style="list-style-type: none">• Lack of water. Fill water into the Tank• The Sensor dobber has not been pressed tightly. Press the dobber tightly.
The Power Indicator Lamp is on but without wind or fog	<ul style="list-style-type: none">• The water into the flume is too high. Spill out some water and make the cover of the Tank tightly.
Strange smell with fog.	<ul style="list-style-type: none">• New machine. Clean the Tank and re-fill the clean water.• The water is dirty. Clean the Tank and re-fill the clean water.
Small rated fog	<ul style="list-style-type: none">• The transducer is dirty. Clean it.• The water is not clean. Change the water with the clean one.
Strange noise	<ul style="list-style-type: none">• The water tank do not placed properly. Set the water tank properly.• The water in the water tank is too little to make noise. Add some water.

Terms and conditions of Good safe and efficient utilization

The place of storage should be inaccessible for direct sun rays, high humidity. Avoid mechanical damages of the device.

Protect our environment: do not dispose of electrical equipment in the domestic waste. Please return any electrical equipment that you will no longer use to the collection points provided for their disposal. This helps avoid the potential effects of incorrect disposal on the environment and human health. This will contribute to the recycling and other forms of reutilization of electrical and electronic equipment. Information concerning where the equipment can be disposed of can be obtained from your local authority.

Warranty obligations of the manufacturer

Ultrasonic humidifier ORH-028D conforms to the approved sample. This device is completely safe to use and doesn't make a harmful effect on the environment if the owner observes all the rules that are stated in this Instruction Manual. Warranty period for this device is 12 months from the date of purchase excluding the time spent in service center. The owner of the device has guarantee rights if warranty card is filled in correctly. Details regarding guarantee conditions can be obtained from the dealer from whom the appliance was purchased.

Name: ORION ORH-028D

Purpose: Ultrasonic humidifier

Assembled in P.R.C. under strict control of ORION Electronics Ltd

Developed by ORION Electronics Ltd

Address of the developer: 29 Jaszbereni st, Budapest 1106, Hungary, Europe

Manufacturing date: 2011 year

Guarantee period: 12 months

Warranty service: "Foxtrot service", Kyiv, 44 Schuseva st.

The model satisfies the requirements: ДСТУ 3135.0-95 (ГОСТ 30345.0-95) IEC 335-1-91;

ГОСТ 23511-79, p.1; ДСТУ CISPR 14-1:2004 (CISPR14-1:2000, IDT)

Certificates: CE/GS

Net weight: 1,62 kg

Gross weight: 1,93 kg

Color: Black and White

Extra information on ORION company web-site www.orion.ua

www.orion.ua / support@orion.ua

We take your opinion and offers by E-mail support@orion.ua