

# DN-24 MIST MAKER UNIT USER MANUAL

This unit utilizes electrical oscillation at ultrasonic frequencies. The ceramic changes electrical oscillation into mechanical oscillation, which creates the mist and water spray. This oscillation also produces negative ions, which help to freshen air and the mist will add humidity to a room.

## SAFETY INSTRUCTIONS, READ BEFORE INITIAL OPERATION

1. For indoor use only, must disconnect the power supply before moving or maintenance.
2. Use only the transformer supplied with the product.
3. Do not touch the ceramic of mist maker while the mist maker operating.
4. Do not touch water level sensor of mist maker while remove mist unit.
5. Must keep the transformer and the electrical plug connector to dry.
6. Do not place the mist maker into a hermetic container while in operation.

## INSTRUCTIONS FOR USE

1. Place the mist maker unit into a water container placidly. There should be only approximately 3.5cm of water above the ceramic disc of mist unit. (If the unit is too deep under the water, it will not produce the mist. Meantime if water is not enough to drown the crossbeam of water level sensor, it will stop working automatically)
2. Carefully plug in the connector to the power flex from the transformer.
3. Plug the transformer unit into the AC power socket. The mist may produce immediately after correcting fixing.

## GENERAL SUGGESTIONS FOR OPTIMUM USE

1. Connect the mist maker unit with the timer, ensure the mist maker unit remove in the appointed time.
2. The mist maker unit sends up small jets of water while in operation. Should keep it's distance from household appliances and articles that easy to be affected with damp.
3. Use of clean water is recommended. When the water is dirty, change it with clean water in time .(dirty water will affect production the mist)
4. Do not use household abrasive cleaners on any part of the mist unit. You may clear it with soft cloth in clean water.

## MAINTENANCE & CERAMIC REPLACEMENT

### PLEASE NOTE \*\* CERAMIC REPLACEMENT KIT SOLD SEPARATELY

After operating the mist unit for some time, you may notice a decrease in the amount of mist produced or it may stop working altogether. At that time, you should either clean or replace the ceramic disc.

- a. Unplug the unit and remove from water container.
- b. Using the keytool, insert the key into the winding ring and turn counter clockwise.

- c. Remove the ceramic.

**IMPORTANT: note that there is a front and back of the ceramic. Be sure to reinstall with the correct side (no black color ring side) facing up.**

- d. Clean chemical deposits on the ceramic with a soft cloth and re-install or proceed to install a new ceramic in the reverse order of the above. Refer to the drawing.
- e. **The inside area of the unit cavity must be completely dry before the parts are installed.**
- f. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

## PARAMETER OF MIST MAKER UNIT

Input voltage: AC 24V

Input electric current: < 0.9A

Limited temperature: + 5 ~ 40℃

Water rate: app. 80ml. Per hour

Mist maker unit size:  $\Phi 45\text{mm}$  H45mm

Depth of water limited: 50~60 mm.

Length of wire: 1.8 m.

Have certificate of FCC

## MATCHING TRANSFORMER

Input voltage: AC 120V 60Hz

Rated power: 28.8Watt.

Output voltage: AC 24V

Have certificate of UL

