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Wall Mounted Ultrasonic Humidifier User Manual

Introduction

The CLWH-16Z ultrasonic humidifier uses an integrated atomizing movement inside. No mechanical drive, quiet and no noise, high atomization efficiency, low failure rate, simple maintenance. The fog particle diameter is only 1-10u, and the maximum RH can reach to 99%.

CLWH-16Z is designed to be mounted on the wall and is equipped with standard water supply port, water discharge port, etc., in which it **could be connected with tap water**, and water softener is for option in order to meet the requirements of non-calcified white powder pollution for different water quality.

CLWH-16Z is equipped with **digital humidity automatic control system**, automatic segmentation control during the day and night, the control accuracy is within 3%.

Technical Parameters

Model No.	CLWH-16Z
Voltage	220V/50Hz or 110V/60Hz
Humidifying Capacity	1600ml/hour
Dimension(mm)	420*300*157.7
Applied Area(㎡)	30~50

Operation of Control Panel

Features:

1. Humidity controller responds to environmental temperature change in real time
2. The controller has built-in light sensors, which can automatically identify the intensity of light and provide two operating parameter settings during the day and night.
3. According to different humidity control needs, the controller can set the humidity upper limit and humidity hysteresis. The setting parameters are automatically saved.

Set Parameters:

Parameter	Value	Description
d1	**35-85**	**Daytime humidity upper limit**
d2	**2-10**	**Daytime humidity hysteresis**
n1	**35-85**	**Night humidity upper limit**
n2	**2-10**	**Night humidity hysteresis**



- **Set daytime humidity upper limit:** In normal operation, long press the SET key, the controller enters into the setting state, the left digital display shows "d1", the right digital display shows the daytime humidity upper limit.

  Press ▲ ▼ key to modify data, press SET key to save data and automatically goes to the next parameter setting.

- **Set daytime humidity hysteresis:**The left digital display shows "d2" and the right digital display shows the daytime humidity hysteresis value.

  Press ▲ ▼ key to modify data, press SET key to save data and automatically goes to the next parameter setting.

- **Set night humidity upper limit:** The left digital display shows "n 1" and the right digital display shows the night humidity upper limit.

  Press ▲ ▼ key to modify data, press SET key to save data and automatically goes to the next parameter setting.

- **Set night humidity hysteresis:** The left digital display shows "n 2" and the right digital display shows the night humidity hysteresis.

  Press ▲ ▼ key to modify data, press SET key to save data and automatically returns to the running interface.

Controller Working Description

①Humidity Control:

When the actual humidity < = the humidity upper limit - humidity hysteresis , the humidifier begins humidifying

When the actual humidity > = humidity upper limit, humidifier stops working.

②Day and Night Segmentation Control:

When the light sensor detects that the light is dark, it will run with the night mode parameter to run, and vice versa, with the day mode parameter.

Technical Drawing

