ZEROWELL

We will do our best to create better products
with integrity and trust.

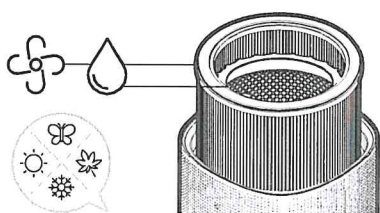## ZEROWELL Humidifier and Air Purifier
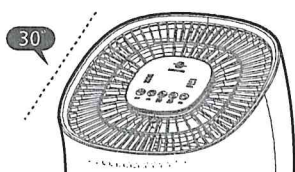
User Manual

ZWAH-800WIU   ZWH-820WIU

The instructions and safety precautions are provided to ensure your safety and prevent property damage.
Please make sure to read them carefully and follow them correctly.

Product Features and Strengths

1 ZWAH-800WIU Equipped with both an air filter and a humidification filter for year-round use.
ZWH-820WIU Humidifies large spaces with an enhanced, larger-capacity humidification filter.

- Dual Functionality : Simultaneously purifies air and provides natural vaporization humidification (800WIU).
- Aroma Diffuser : Can be used as an aroma diffuser by attaching an aroma oil tray.
- Mood Lighting : Includes a mood light function, which can serve as a sleep light or a night light for nursing.

2 Innovative 30-Degree Tilted Design

The air outlet is designed with a 30-degree tilt for optimal air circulation. This innovative design directs airflow towards the center of the room, ensuring highly efficient air circulation.
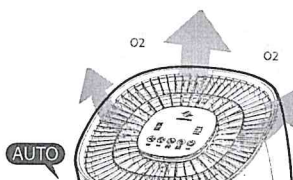
3 Easy Cleaning

- Removable Fan Blades: The fan blades can be easily detached and washed with water.
- Smooth Water Tank: The water tank is easy to clean with no sharp edges.
- Separable Structure: The body and water tank can be separated for easier cleaning.

4 Low Maintenance Cost Humidification Filter

- Washable Filter: The humidification filter is washable, reducing replacement costs.
- Machine Washable: The filter can be cleaned in a washing machine.
- Safe Material: Made from safe, fiber-based materials.

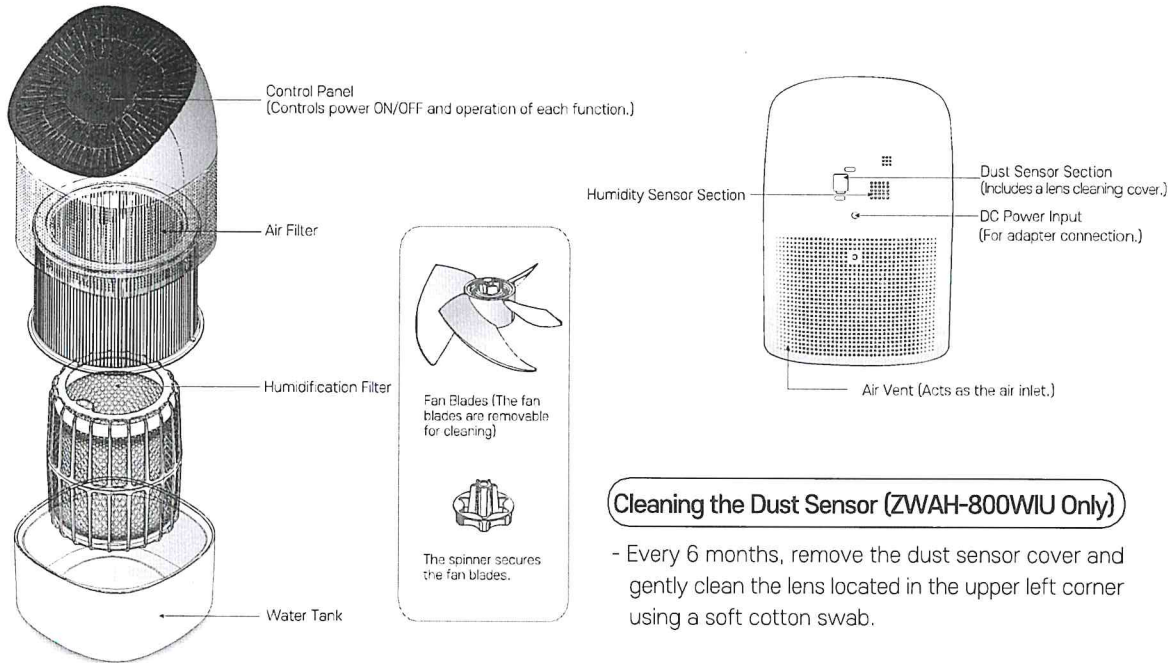**5** AUTO Function for Continuous Comfort

- Equipped with a humidification sensor and an ultrafine dust sensor to maintain a consistently comfortable environment.
- Displays real-time numerical readings of current humidity and fine dust levels.

6 Smartphone Control for All Functions
(800WIU and 820WIU Models)

- IoT Integration: The humidifier can be linked to an app, allowing remote control from virtually anywhere.
- Custom Settings: Set your preferred humidity levels, and monitor real-time temperature, humidity, fine dust, and harmful gas levels on a daily or monthly basis.
- Smart Scenarios: Create custom scenarios to automatically run the humidifier according to your daily routine.

Names and Descriptions of Product Parts

Control Panel
(Controls power ON/OFF and operation of each function.)

Air Filter

Humidification Filter

Fan Blades (The fan blades are removable for cleaning)

The spinner secures the fan blades.

Water Tank

Humidity Sensor Section

Dust Sensor Section
(Includes a lens cleaning cover.)

DC Power Input
(For adapter connection.)

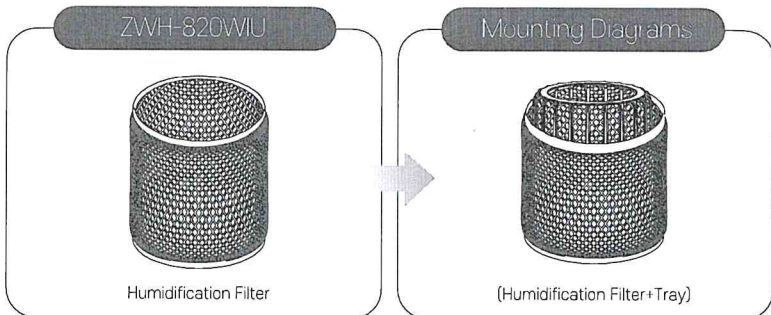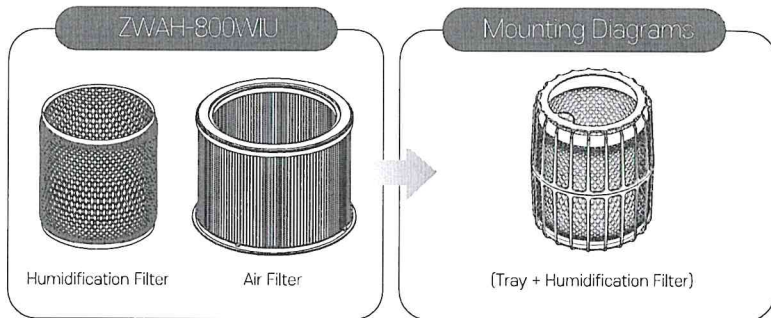Air Vent (Acts as the air inlet.)

Cleaning the Dust Sensor (ZWAH-800WIU Only)

- Every 6 months, remove the dust sensor cover and gently clean the lens located in the upper left corner using a soft cotton swab.

*Note: The picture shows the 800WIU model. The 820WIU model does not have an air filter or dust sensor.
*Humidification Filter Illustration: The image of the humidification filter in the user manual is based on the 800WIU model. For the 820WIU model, please refer to the filter tray installation images below or the included quick guide.
In the 820WIU model, the filter tray is located inside the humidification filter.

Components

800WIU / 820WIU Components

Humidification Filter Tray   Adapter

ZWAH-800WIU

Humidification Filter   Air Filter

Mounting Diagrams

(Tray + Humidification Filter)

ZWH-820WIU

Humidification Filter

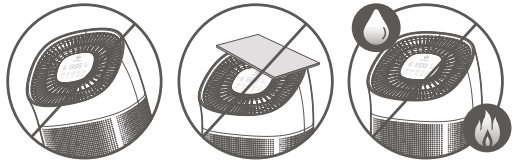Mounting Diagrams

(Humidification Filter+Tray)

Things to Check Before Use

○ Check Installation Status

Ensure that the following installation conditions are met

- A flat, level surface with no slopes.
- No obstructions blocking the air vents
  (air inlet) or the top grill of the product,
  where humidifying particles are released.
- No flammable materials nearby.
- At least 15 cm (6 inches) away from any
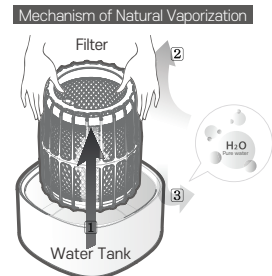 walls.

○ Check the Power Supply

- Connect the adapter provided with the product to a power outlet.
- If you will be away for an extended period or the product is not in use,
  unplug the adapter from the power outlet.

⚡ 220V

○ Guidelines for Using the Natural Vaporization Humidification Function

- The naturally vaporized humidifier produces extremely fine water
  vapor particles that are invisible to the naked eye.
- During humidification, only pure water evaporates, leaving behind
  dust and dissolved impurities.
- The efficiency of the naturally vaporized humidifier will automatically
  decrease if the room's humidity level is high.
- After long periods of inactivity or frequent on/off cycles,
  the humidification filter may develop an odor. If you detect an odor,
  please sterilize and clean the humidification filter before use.
- If there are many suspended solids in the water,
  clean the filter thoroughly before using the humidifier.
- To prevent malfunction, avoid washing the top of the humidifier,
  which houses various mechanical devices and sensors.

Mechanism of Natural Vaporization

Filter

H_2O
Pure water

Water Tank

1 The filter absorbs water through capillary action.
2 Dry air is drawn in through the wet filter.
3 Only pure water evaporates from the filter,
  moisturizing the air.
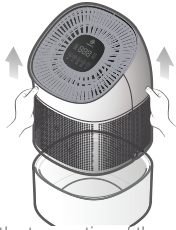
○ Before Using the Humidification Filter

- Using the naturally vaporized humidifier without a humidification filter will
  not produce the desired humidification effect.
- When you first purchase the product, place the humidification filter in a
  laundry net, add a small amount of detergent, and wash it on a regular
  cycle in the washing machine before use.
- If you notice a strange odor, a decrease in airflow, or if it has been some
  time since your last use, clean the filter before using it.
- Frequent cleaning of the humidification filter will enhance the product's
  performance and help maintain a better indoor environment.
- For detailed instructions on using the humidification filter, refer to page 8.

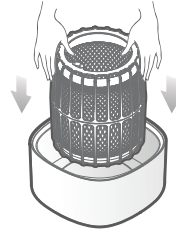## Before Use | How to Install Air Filters and Humidification Filters

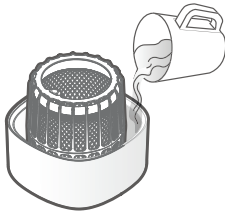### ○ Installing the Humidification Filter

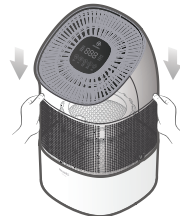**1** Remove the top section of the main unit from the water tank.

📝 참고   Note: If the top section of the main unit is removed during operation, the power will be cut off, and the fan blades will safely stop rotating.

2 The bottom of the water tank is designed to naturally position the humidification filter in the center of the tank. (Please ensure that the humidification filter is cleaned before first use.)

3 Fill the water tank with water up to the maximum level indicated inside the tank.
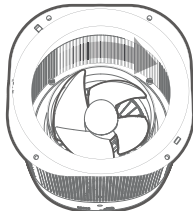

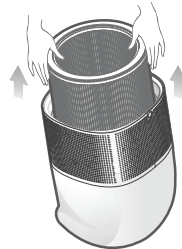**4** Reattach the top section of the main unit onto the water tank.

📝 참고   Note: When placing the top section of the main unit onto the water tank, ensure that the logo on the water tank is facing forward.

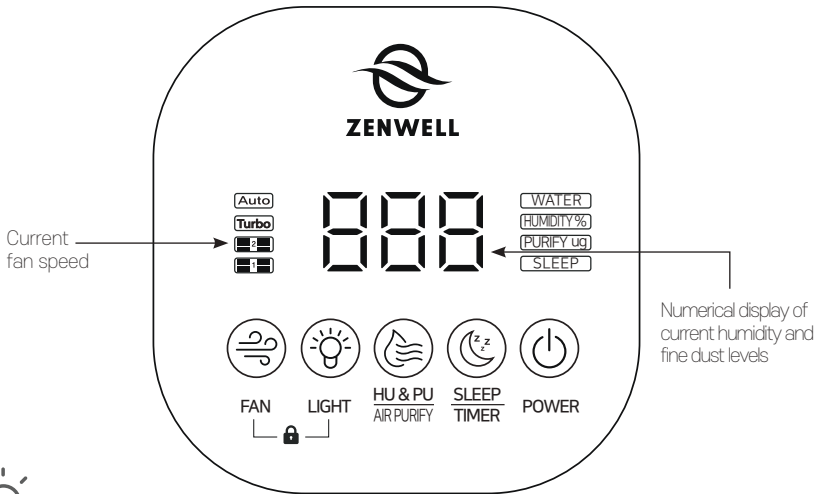### ○ How to Install and Remove the Air Filter (ZWAH-800WIU Only)

1 To install or remove the air filter, turn the air filter case in the direction indicated (the air filter is pre-installed on the upper part of the unit when it leaves the factory).

2 To remove the air filter, turn it in the indicated direction, then lift it up by hand to easily detach it.

How to Use the Control Panel | Humidifying Air Purifier ZWAH-800WIU

ZENWELL

Auto
Turbo

WATER
HUMIDITY %
PURIFY ug
SLEEP

Current fan speed

Numerical display of current humidity and fine dust levels

FAN   LIGHT   HU & PU / AIR PURIFY   SLEEP / TIMER   POWER

💡 Lights indicate when each function is active

POWER   Touch to turn on the power.

HU & PU
Humidification and air purification operate simultaneously by default.
Press the Humidification Purification/Air Purification button to view the current humidity and fine dust levels sequentially on the panel.

For humidification only
Remove the upper air filter and press the Humidification Purification button.

For air purification only
Remove the water and humidification filter from the tank, then press the Air Purification button.
(*Note: The panel will display a water replenishment alert, but the air purification function will continue to operate.)

FAN
Touch to select fan speed levels: 1, 2, Turbo, or AUTO.

Water Replenishment
The indicator lights up when the water in the tank is low during humidifier operation.

HUMIDITY % - Lights up when the humidifier mode is selected.

PURIFY ug - Lights up when the air purifier mode is selected.

LIGHT
Touch to adjust light brightness with dimming options: Levels 1, 2, 3.
Press and hold the Mood Light button to turn off all panel lights. Touch any button to turn the lights back on.

SLEEP / TIMER
Sleep Mode:Touch to activate low-noise sleep mode.
Timer: Press and hold to select a timer for 2, 4, or 6 hours (indicated by one beep).
Deactivate Silent Mode: Press and hold again to turn off silent mode (indicated by two beeps).

Button Lock Function
Press and hold two buttons simultaneously to lock the controls. Press and hold again to unlock.

Auto **Auto Mode**
- The humidification sensor and fine dust sensor monitor and detect indoor humidity and fine dust levels, automatically adjusting the fan speed.
- f the humidity exceeds 62%, the fan will automatically stop. When humidity drops below 60%, the fan will resume operation.