

REDMOND

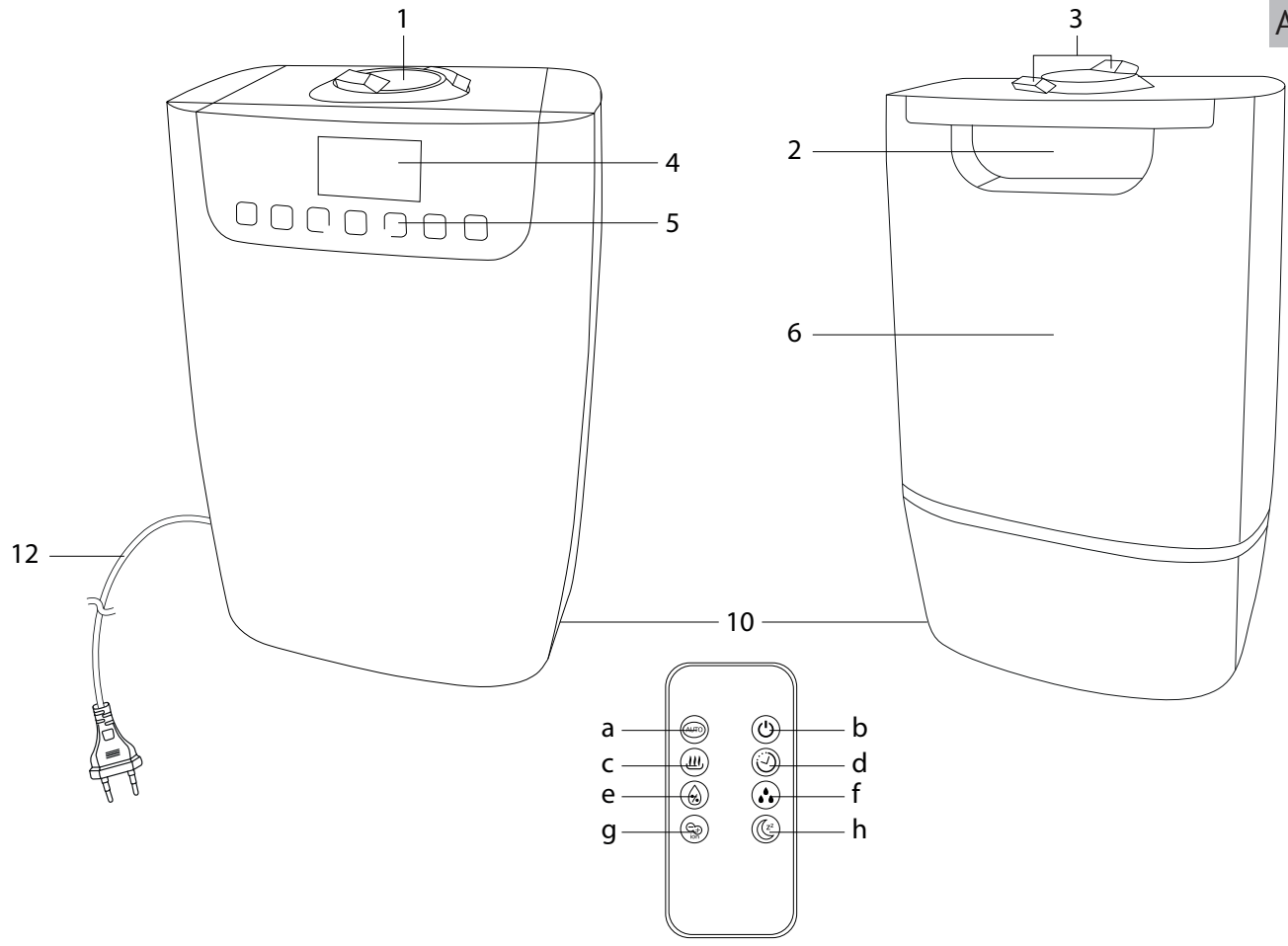
Humidifier
RHF-3316



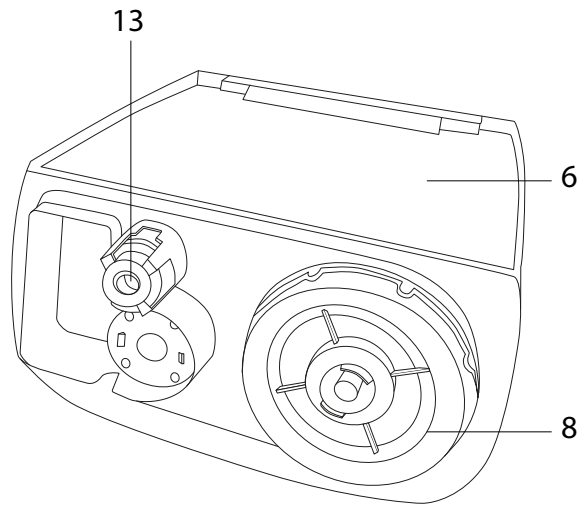
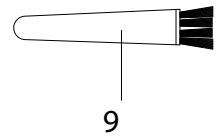
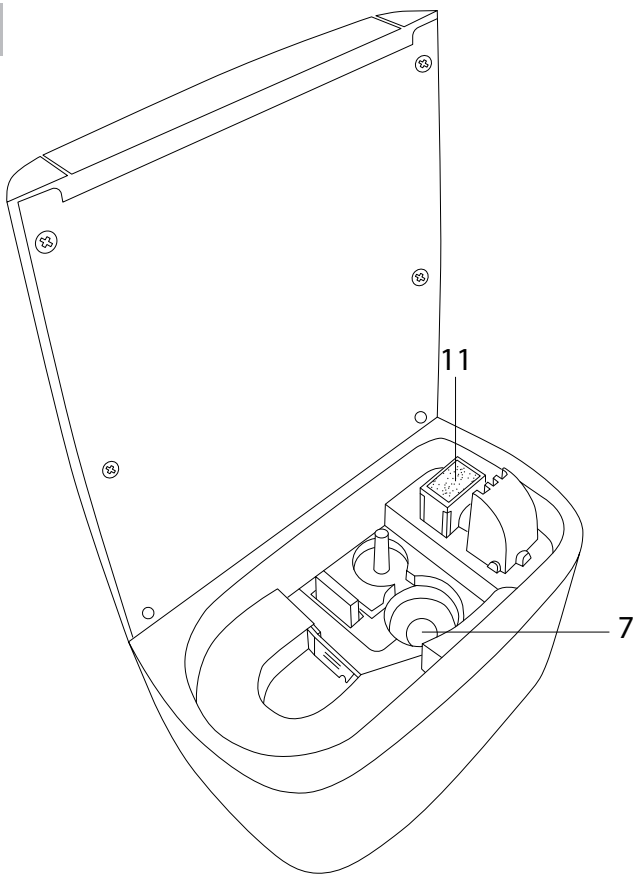
User manual

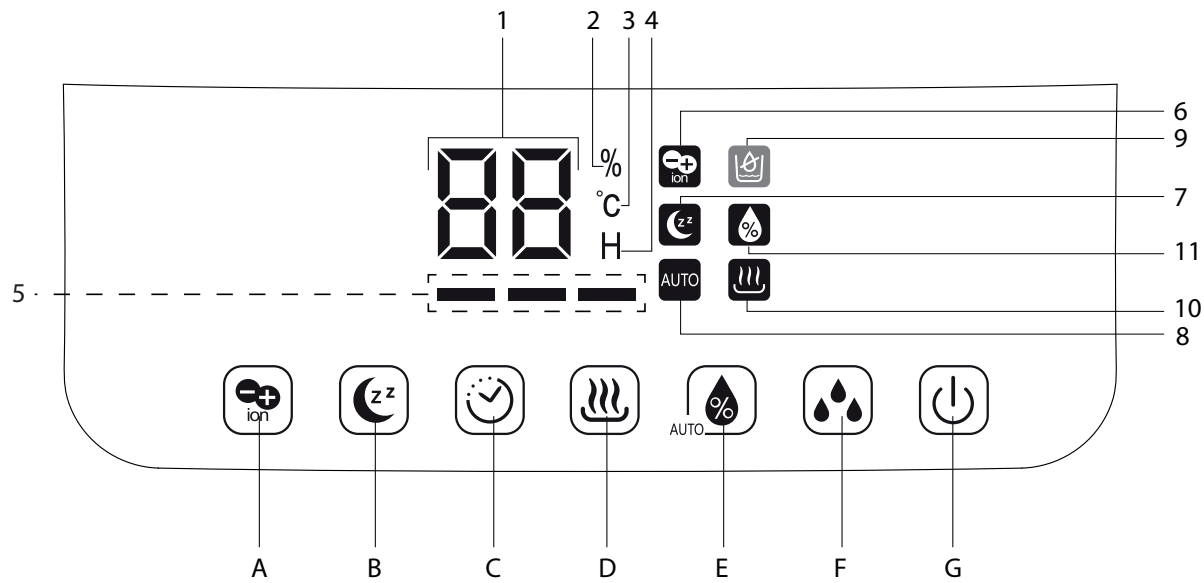
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A1






 Read the user manual carefully and keep it as a reference book. Proper use of the appliance will significantly prolong its life.

The safety measures and instructions contained in this manual do not cover all possible situations that may arise during the operation of the appliance. When operating the device the user should be guided by common sense, be cautious and attentive.

IMPORTANT SAFEGUARDS


- The manufacturer is not responsible for any failures arising from the use of this product in a manner inconsistent with the technical or safety standards.
- This appliance is intended to be used for nonindustrial use in household and similar spheres of application. Industrial application or any other misuse will be regarded as violation of proper service conditions. Should this happen, manufacturer is not responsible for possible consequences.
- Before installing the appliance, check that the device voltage corresponds with the supply voltage in your home (refer to rating plate or technical data).
- While using the extension cord, make sure that its voltage is the same as specified on the device. Using different voltage may result in a fire or other accident, causing appliance damage or short circuit.
- Always unplug the device after use, before cleaning or moving. Never handle the plug with wet hands. Do not pull the power cord to disconnect from the outlet; instead, grasp the plug and pull to disconnect.
- Keep the power cord away from hot surfaces (gas or electric ovens) or sharp edges. Do not let the cord hang over edge of a table or a counter.

 **REMEMBER:** *damaging the cord may lead to a failure that will not be covered by the warranty. If the power cord is damaged, it must be replaced by the manufacturer, after-sales service or similar qualified personnel to avoid possible danger.*

- Do not operate the appliance outdoors, to prevent water or any foreign object or insect from getting into the device. Doing so may result in serious damage of the appliance.
- Do not install the humidifier close to heating appliances, electrical appliances, or near ventilation openings.

 **CAUTION!** *Do not turn on the humidifier without a water tank or when there is no water in the tank. To avoid malfunction of the appliance, it is forbidden to remove the tank during operation.*

- Always unplug the device before cleaning. Follow cleaning and general maintenance guidelines when cleaning the unit.

 **DO NOT immerse the device in water or wash it under running water!**

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Keep the appliance and its cord out of reach of children aged less than 8 years. Cleaning and user maintenance shall not be made by children without supervision.
- Keep the packaging (film, foam plastic and other) out of reach of children as they may choke on them.
- No modifications or adjustments to the product are allowed. All the repairs should be carried out by an authorized service center. Failure to do so may result in device and property damage or injury.

 **CAUTION!** *Do not use the appliance in case of any malfunctions.*

Technical Specifications

Model.....	RHF-3316
Rated power	105 W
Voltage.....	220–240 V, 50/60 Hz
Electrical safety.....	class II
Water tank capacity.....	5 L
Maximum humidity output.....	400 ml/h
Recommended coverage area.....	up to 35 m ²
Control panel.....	sensor
Display.....	LED
Remote control.....	available
Steam output.....	2 nozzles, 360° rotation
Humidity level adjustment.....	40-80%
Steam intensity adjustment.....	3 levels
Maintaining the selected humidity level.....	automatic
Automatic shut-off.....	when there is no water in the tank; when the tank is removed
Additional features:	
• Warm steam	
• Ionization	
• Aromatization function	
• Night mode	
Disconnecting timer.....	up to 10 hours
Operating temperature range.....	from 5 to 40°C
Operating humidity level.....	up to 80%
Overall dimensions.....	227 × 367 × 152 mm
Net weight.....	2.85 kg
Power cord length.....	1.5 m

Package Includes

Humidifier.....	1 pc.
Membrane cleaning brush.....	1 pc.
Remote control.....	1 pc.
Battery CR2025.....	1 pc.
User manual.....	1 pc.
Service booklet.....	1 pc.

Manufacturer reserves the right to make any modifications to design, packaging, or technical specifications of the product without prior notice. The specification allows an error of ±10%.

Parts of Appliance (scheme A1, p. 3–4)

1. Diffusor

2. Carrying handle
3. Steam nozzles
4. Display
5. Sensor control panel
6. Water tank
7. Ultrasonic membrane
8. Lid for water tank with a dispenser
9. Membrane cleaning brush
10. Appliance base
11. Tray with a sponge for aromatic oils
12. Power cord
13. Float

Display (scheme A2, p. 5)

1. Digital indicator
2. Humidity level indicator (%)
3. Ambient temperature indicator (°C)
4. Timer function indicator
5. Humidification intensity indicator
6. Индикатор функции ионизации
7. Night mode indicator
8. Automatic mode indicator
9. Low water level indicator in the tank
10. "Warm Steam" function indicator
11. Indicator of maintaining the selected humidity level

Control panel (scheme A2, p. 5)

- A. Ionization function on/off button
- B. Night mode on/off button
- C. Sleep timer setting button
- D. On/off button for the "Warm Steam" function
- E. On/off button for automatic mode and humidity level adjustment
- F. Humidification intensity adjustment button
- G. The on/off button of the device


Remote control (scheme A1, p. 3)

- a. Automatic mode on/off button
- b. The on/off button of the device

- c. On/off button for the "Warm Steam" function
- d. Sleep timer setting button
- e. Humidity level adjustment button
- f. Humidification intensity adjustment button
- g. Ionization function on/off button
- h. Night mode on/off button


I. PRIOR TO FIRST USE

Carefully remove the unit and its accessories from the packaging. Dispose of all packaging materials and promotional stickers.

 *Keep all warning labels, warning stickers (if any), and the serial number identification label located on the housing.*

After transportation or storage at low temperatures allow the appliance to stay at room temperature for at least 2 hours before use.

Completely unwind the power cord. Wipe the housing with a damp cloth. Ensure that outer and visible inner parts of the appliance are not damaged, do not have chips and other defects. Make sure the battery is installed in the remote control correctly and in accordance to its polarity.

 *Installing the battery ensure that your hands and the appliance are dry.*
NOTE! Batteries, included in set, are intended only for checking the appliance operational capability. For extended operation of the appliance it is recommended to purchase a new set.

Place the device on a flat, stable, and hard surface away from any objects or cabinets that could be damaged by steam and humidity.

Selecting the location place for the humidifier, follow the recommendations listed below:

- Do not install the air humidifier close to heating devices, as well as on an underfloor heating.
- Do not place the humidifier close to furniture and electrical appliances; do not place it near ventilation openings.
- When moving the humidifier, take it only by the base while holding the water tank.
- Turn on the humidifier only after making sure that the tank is filled with water and installed.
- Do not pour into the tank and do not use water with a temperature higher than 40 °C for cleaning to avoid deformation or decolouration of the body.
- Do not pour water through the steam outlet.
- Do not pour water directly into the working chamber.
- Keep foreign objects and chemicals out of the water tank and steam outlet.
- Do not block the steam outlet while the appliance is in operation.
- Do not allow the water in the tank to freeze.

- Do not remove the water tank while the appliance is in operation.

II. OPERATING THE APPLIANCE

The appliance operation is based on boiling water at room temperature. This is possible due to the ultra-low pressure in the working chamber, achieved by vibrating the membrane with ultrasonic frequency. As a result, the appliance generates cold steam, which doesn't raise the air temperature in the room, but slightly lowers it.

Filling the water tank

 *While filling the water tank, the appliance must not be connected to the mains*

1. Remove the water tank from the base after removing the diffuser from it.
2. Remove water tank from the base and unscrew the cap.
3. Fill the tank with purified water at a temperature of 10 to 40 °C. Tightly screw the cap back onto the water tank.



 *It is recommended to settle tap water during the day before use. Use of unfiltered hard water may cause scale buildup within the working chamber and residue on nearby objects.*


 *DO NOT add cleaning detergents, fragrance oils, perfumes, etc. to the water.*


DO NOT fill the appliance with water through the diffuser nozzle!

4. Place the water tank on the appliance so that it fits tight to the base. Water begins flowing into the intermediate compartment of the base and the working chamber. Install the diffuser on the water tank.



Operation


1. Plug in the unit, the appliance will beep.
2. Press the  button on the control panel or on the remote control; the appliance will beep and the body backlight will light up. The appliance starts operating in standard mode: the display will show in sequence the current humidity level ("%") indicator) and the temperature ("°C" indicator) in the room, as well as the humidification intensity. To change the intensity of humidification press the  button on the control panel or remote control.

 **CAUTION!** *Do not use the humidifier without a water tank or when there is no water in the tank. To avoid malfunction of the appliance, it is forbidden to remove the tank during operation.*

 *If the appliance was disconnected from the mains for a short time, there may be no audible signal when you reconnect it.*



By adjustment of two rotating nozzles, you can select the steam output direction.

3. When the water level in the tank becomes critically low, the appliance gives three audible signals and stops operation automatically. The  indicator lights up on the display; any other indication turns off. In this case, press the  button on the control panel or remote control, unplug the appliance from the mains and fill the water tank.

4. For manual switching to standby mode, press the  button on the appliance panel or remote control, the body backlight will turn off. When finish using the appliance, unplug it from the mains and drain the water remaining in the tank and working chamber.

“Warm Steam” function

When using this function, the water is heated up to 80°C before being funneled to the ultrasonic membrane, and warm steam with a temperature of 40–45°C comes out of the humidifier. Heating (effect of pasteurization) kills most of the known pathogenic bacteria and microorganisms. In addition, due to the increased temperature, the vaporization in the appliance occurs more intensively, thus, warm steam humidifies the air in the room faster and distributes aromatic oils more efficiently (when using the aromatization function).

To enable/disable the “Warm Steam” function, press the  button on the control panel or remote control. When the function is enabled, the  indicator on the display lights up.

Ionization function

The appliance is equipped with a built-in ion generator. Humidified ionized air contributes to faster dust settling, which facilitates wet cleaning and increases its efficiency, and also helps to clean the air of germs and allergens. In addition, ionized air improves well-being and good sleep, reduces fatigue.

To enable/disable the ionization function, press the  button on the control panel or remote control. When the function is enabled, the  indicator on the display lights up.

Aromatization function

Before turning on the appliance, remove the special tray with a sponge from the hollow in the appliance base and apply a few drops of aromatic oil on it to achieve the effect of aromatization. After use or to stop aromatization, remove the sponge tray and rinse it under running water, then dry it completely at room temperature before inserting it into the appliance.


Humidification intensity adjustment

You can adjust the intensity of humidification by pressing the  button on the control panel or remote control. The indicator on the display shows the selected level:




- — minimum intensity;
- — — medium intensity;
- — — — maximum intensity.

Humidity level adjustment

You can set the desired humidity level between 40% and 80% in 5% increments. When the selected value is reached, the appliance automatically turns off.




Select the desired value by pressing the  button on the control panel or the  button on the remote control; switching is performed circle-wise. The  indicator will switch on. The selected value on the display will blink several times and be automatically saved; the display will show again the current humidity level and temperature.

 *If the selected humidity level is lower than the humidity level in the room, the appliance will turn off after 2 minutes of operation.*





Upon reaching the set humidity level, the appliance will automatically turn off the steam output; the humidification intensity indicator will turn off. If the humidity level in the room drops below the set level, steaming will be resumed. To disable the function of maintaining the set humidity level, by pressing the  button on the control panel or  on the remote control, select the value “—”. The indicator  will go off.

Automatic mode


In automatic mode, the appliance maintains the humidity in the room at the level of 55–68%, by selecting the most suitable humidification mode.


To enable/disable automatic mode, press and hold the  button on the control panel for a few seconds or press the  button on the remote control. In automatic mode, the  indicator is lit on the display.

Night mode

In night mode, the body backlight and the indication on the display are turned off. To switch to night mode, press the  button on the control panel or remote control; the  indicator on the display will light up, all other indications will go out. Approximately 20 seconds after, the  indicator will turn off. To disable the night mode, press any button on the control panel or remote control (except the  button).

Sleep timer


You can set the appliance shutdown time in the range from 1 to 10 hours in 1 hour increments. To set the timer, press the  button on the control panel or remote control; switching is performed circle-wise. After the selected period of time, the appliance will automatically switch to sleep mode. When the function is enabled, the “H” indicator on the display lights up.

 *When set to “C”, the timer will be disabled.*


III. CLEANING AND MAINTENANCE

General cleaning recommendations

Before cleaning the appliance, ensure it is unplugged. Drain water from the tank and compartments in the base. Clean the housing with a soft cloth or sponge. You can use mild soap for cleaning. We recommend you to wipe the surface dry to avoid water stains and residues on the housing.

 *DO NOT immerse the appliance in water or wash under running water!*

Rinse the water tank with clean running water and wipe it with a soft dry cloth. Carefully clean the membrane with the brush included. Dry the base and water tank after cleaning. If the appliance is used continuously, perform this cleaning once in two days.

 *DO NOT use a sponge or tissue with hard or abrasive surface or abrasive pastes. Do not use any chemically aggressive substances.*

DO NOT clean the membrane surface with sharp objects or metal brushes: this may cause efficiency loss or damage the appliance.

Descaling

If deposits that cannot be removed with a brush and a soft cloth form in the base compartments or on the membrane, perform descaling procedure.

Unplug the appliance. Remove the water tank from the base. Stir a teaspoon of citric acid (15 g) in a glass of water (200 ml), then pour the resulting solution into the working chamber. Do not turn on the appliance! 15 minutes later, drain the solution, remove scale from the walls of the compartments and the membrane with a brush with soft bristles and a soft dry cloth. Wipe the base dry with a soft cloth.

Cleaning the aromatic sponge tray

Wash the sponge tray in warm water using a mild detergent after each use. At long-term continuous use, clean it at least once in 2 days.

Storage and transportation

Before repeated operation or storage completely dry all parts of the appliance. Store the assembled appliance in a dry, ventilated place away from heating appliances and direct sunlight. During transportation and storage, do not expose the device to mechanical stress, that may lead to damage of the device and/or violation of the package integrity.

Keep the device package away from water and other liquids.

IV. BEFORE CONTACTING SERVICE CENTER

Problem	Possible cause	Solution
Appliance does not switch on	Power cord is not connected to an electrical outlet	Connect to an electrical outlet. Verify that outlet is functioning properly
	Water tank is empty	Fill the water tank
	The float cap that indicates the water level in the working chamber is loose or missing	Place the cap firmly on the float rod.
Insufficient steam output intensity	Temperature of water in the tank is too low	Pour clean, settled lukewarm water into the tank
	Too much water in the working chamber	Disconnect the appliance from the mains and remove the water tank. Drain water from the compartments in the base. Carefully put the water tank back in place and turn on the appliance again
	Mineral deposits on the membrane	Clean the membrane (see the "Cleaning and maintenance" section)

Problem	Possible cause	Solution
White dust on the objects around the humidifier occurs	Hard untreated water is used	Purify water with special filters
		Settle water for a day or boil it
		Use distilled water
The remote control does not work	The battery is worn out	Replace the battery

i In case you didn't manage to eliminate the defects, please, refer to the authorized service centre.



Environmentally friendly disposal (WEEE)

The packaging, user manual and the device itself shall be taken to the applicable collection point for the recycling of electrical and electronic equipment. Do not throw away the electronic waste to help protect the environment.

Old appliances must not be disposed with other household waste but must be collected separately. Municipal disposal of recyclable wastes is free of charge. The owners of old appliances are required to bring it to a waste facility centre. With this little extra effort, you can help to ensure that valuable raw materials are recycled and pollutants are treated as appropriate.

This appliance is labelled in accordance with European Directive 2012/19/EU – concerning used electrical and electronic appliances (waste electrical and electronic equipment WEEE).

The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

Manufacturer: "Power Point Inc Limited" №1202 Hai Yun Ge (B1) Lin Hai Shan Zhuang Xiameilin Futian Shenzhen, China, 518049. Under license of REDMOND®
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