DR. INFRARED HEATER DR-998W

Dr. Infrared Heater DR-998 User Manual

Model: DR-998W

Advanced Humidifier and Oscillation Fan with Remote Control

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Introduction

Thank you for choosing the Dr. Infrared Heater DR-998. This advanced appliance combines the functions of an infrared heater, an ultrasonic humidifier, and an oscillation fan, providing a comprehensive solution for indoor climate control. Designed for efficiency and comfort, the DR-998 helps maintain a warm and moisturized environment. Please read this manual thoroughly before operating the unit to ensure safe and optimal performance.

Important Safety Instructions

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3

feet (0.9 m) from the front of the heater and keep them away from the sides and rear.

- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- Do not use outdoors.
- This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This heater includes a Tip-Over Protection switch and Overheat Protection for enhanced safety.
- The exterior cabinet is designed to be cool to the touch during operation.



Image: Key safety features of the DR-998 heater, highlighting PTC ceramic technology, overheat protection, full metal core, tip-over protection, fire-proof material, and a cool-touch cabinet.

Product Overview

The Dr. Infrared Heater DR-998 is a versatile heating solution featuring a dual heating system (Infrared Quartz Tube + PTC ceramic) for efficient warmth, a built-in ultrasonic humidifier, and an oscillation fan. It is designed with user convenience and safety in mind.



Image: Front view of the DR-998 heater, displaying its control panel and heat output grille.



Image: Angled view of the DR-998, showcasing its compact form factor and integrated control panel.

Key Components:

- **Control Panel:** Features a large LED display for temperature and settings, along with push buttons for various functions.
- **Heat Outlet:** Front grille where warm air is emitted.
- **Humidifier Water Reservoir:** Located on top, designed for use with a standard water bottle (tankless design).
- **Air Intake Filter:** Located at the rear, a washable and reusable filter for air purification.
- **Oscillation Base:** Allows the heater to rotate for wider heat distribution.
- **Remote Control:** For convenient operation from a distance.
- **Glide Casters:** Wheels on the bottom for easy portability.



Image: Diagram illustrating user-centered design elements of the DR-998, such as the timer, washable filter, LED display, easy-to-use buttons, and the innovative water bottle humidifier system.

Setup Instructions

1. Unpacking

1. Carefully remove the heater from its packaging.
2. Remove all protective materials and ensure no components are missing or damaged.
3. Retain the packaging for future storage or transport.

2. Placement

- Place the heater on a firm, level surface. The glide casters allow for easy movement.
- Ensure the heater is placed at least 3 feet (0.9 m) away from walls, furniture, and other combustible materials.

- This heater is designed for indoor use only in areas such as bedrooms, living rooms, home offices, dorm rooms, or studies.

3. Power Connection

- Ensure the heater is turned OFF before plugging it into an electrical outlet.
- Plug the power cord directly into a 120V, 12.6 Amp grounded wall outlet. Do not use extension cords or power strips.

4. Humidifier Setup

- The DR-998 features a tankless humidifier design. Use a standard water bottle (not included) as the water reservoir.
- Fill a clean water bottle with distilled or purified water.
- Attach the provided bottle adapter securely to the filled water bottle.
- Invert the water bottle and insert it into the humidifier opening on top of the heater. Ensure it is seated firmly to prevent leaks.

5. Remote Control Batteries

- The remote control requires 2 AAA batteries (included).
- Open the battery compartment on the back of the remote control and insert the batteries, observing the correct polarity (+/-).
- Close the battery compartment.

Operating Instructions

The DR-998 can be operated using the control panel on the unit or the included remote control.



Image: The DR-998 heater actively producing heat and mist, with its remote control positioned nearby for user interaction.

1. Power On/Off

- Press the **MODE/OFF** button on the control panel or remote to turn the unit ON or OFF.

2. Setting Temperature

- Use the **UP (^)** and **DOWN (v)** arrows on the control panel or remote to adjust the desired room temperature. The temperature range is 50°F to 85°F (10°C to 29°C).
- The unit will automatically cycle on and off to maintain the set temperature.

3. Operating Modes

Press the **MODE** button repeatedly to cycle through the following modes:

- **ECO Mode:** Energy-saving mode that optimizes heating based on ambient temperature.
- **High Heat:** Provides maximum heating output (1500W).
- **Low Heat:** Provides reduced heating output.

- **Fan Only:** Operates as a fan without heat, suitable for warmer months.



Image: Visual representation of the four distinct operating modes available on the DR-998 heater: ECO, High, Low, and Fan.

4. Oscillation Function

- Press the **OSC** button to activate or deactivate the oscillation function. When active, the heater will rotate to distribute warm air more evenly across the room.

5. Humidifier Function

- Press the **HUMIDIFIER** button to turn the ultrasonic humidifier ON or OFF. Ensure the water bottle is properly installed and filled.
- The humidifier produces a cool mist to add moisture to the air.

6. Timer Function

- Press the **TIMER** button to set the auto-off timer. Each press increases the timer by 1 hour, up to a maximum of 12 hours.

- The unit will automatically shut off after the set time has elapsed.

Maintenance

Regular maintenance ensures the longevity and efficient operation of your Dr. Infrared Heater DR-998.

1. Cleaning the Air Intake Filter

- The DR-998 features a lifetime, washable, and reusable filter.
- It is recommended to clean the filter every few weeks, or more frequently depending on usage and air quality.
- To clean, gently pull out the filter from the rear of the unit.
- Rinse the filter under warm running water. For stubborn dirt, a mild detergent can be used.
- Allow the filter to air dry completely before reinserting it into the heater. Do not use the heater without the filter properly installed.

2. General Cleaning

- Always unplug the heater from the power outlet before cleaning.
- Wipe the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the internal components.
- The care instructions specify "Dry Clean" for the unit's exterior, implying gentle cleaning without excessive moisture.

3. Humidifier Maintenance

- Regularly clean the humidifier water bottle and the humidifier opening to prevent mineral buildup and mold growth.
- Use distilled or purified water to minimize mineral deposits.

4. Storage

- If storing the heater for an extended period, unplug it and allow it to cool completely.
- Clean the unit and store it in a cool, dry place, preferably in its original packaging.

Troubleshooting Guide

If you experience issues with your Dr. Infrared Heater DR-998, please consult the following table before contacting customer support.

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit; Power switch is off; Overheat protection activated; Tip-over switch activated.	Ensure unit is plugged into a live 120V outlet. Check circuit breaker. Press the power button. Allow unit to cool down and reset. Ensure unit is on a flat, stable surface.

Problem	Possible Cause	Solution
No heat output.	Unit is in Fan Only mode; Temperature setting is too low; Air intake blocked.	Select a heat mode (High or Low). Increase the set temperature above the current room temperature. Check and clean the air intake filter.
Humidifier not producing mist.	Water bottle empty or incorrectly installed; Humidifier function is off.	Refill water bottle and ensure it is securely seated. Press the HUMIDIFIER button to turn it on.
Unit makes unusual noise.	Obstruction in fan; Unit not on a level surface.	Unplug and check for any foreign objects near the fan. Ensure the unit is on a stable, flat surface.
Remote control not working.	Dead batteries; Obstruction between remote and unit.	Replace AAA batteries. Ensure clear line of sight to the unit's sensor.

Product Specifications

Feature	Detail
Brand	DR. INFRARED HEATER
Model Number	DR-998W
Power Output	1500W
Voltage	120 Volts
Amperage	12.6 Amps
Heating System	Infrared Quartz Tube + PTC Ceramic (Dual Heating System)
Temperature Range	50°F to 85°F (10°C to 29°C)
Humidifier Type	Ultrasonic, Tankless Design (uses standard water bottle)
Oscillation	Yes
Timer	1-12 hours auto-off
Filter	Lifetime, Washable & Reusable
Safety Features	Tip-Over Protection, Overheat Protection, Cool Touch Exterior
Dimensions (D x W x H)	16" x 11" x 16" (40.6 cm x 27.9 cm x 40.6 cm)
Item Weight	24.8 pounds (11.25 kg)
Remote Control Batteries	2 AAA (included)

Feature	Detail
UPC	856957005656

Warranty & Support

Warranty Information

The Dr. Infrared Heater DR-998 comes with a**3-year limited warranty** covering parts and components. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the documentation included with your product or contact customer support.

Customer Support

For any questions, technical assistance, or warranty inquiries, please contact DR. INFRARED HEATER customer support. You can also visit the official brand store for more information and resources:

Visit DR. INFRARED HEATER Store



Image: A customer support representative, symbolizing the brand's commitment to quality and encouraging user feedback for product improvement.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question