

# RHINO

## 2.8KW FH3 FAN HEATER

## 230V

### OPERATING INSTRUCTIONS



**RHINO FH3: H02074**



RHINO - Designed and distributed by Toolstream Ltd.

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## Introduction

Thank you for purchasing this Rhino product. This manual contains information necessary for safe and effective operation of this product. This product has unique features and, even if you are familiar with similar products, it is necessary to read this manual carefully to ensure you fully understand the instructions. Ensure all users of the product read and fully understand this manual. Keep these instructions with the product for future reference.

## Description of Symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



Wear hearing protection  
Wear eye protection  
Wear breathing protection  
Wear head protection



Wear hand protection



**WARNING** – To reduce the risk of injury, user must read instruction manual



Class I construction (protective earth)



Caution!



Conforms to relevant legislation and safety standards.



### Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

## Technical Abbreviations Key

V	Volts
~	Alternating current
Hz	Hertz
kW	Kilowatts
A	Amps

## Specification

Operating temperature: ..... -20°C to +40°C  
IP rating: ..... IP24  
Voltage: ..... 220-240V~, 50Hz  
Max. wattage: ..... 2800W  
Power cord: ..... 230V Black H07RN-F 3G 1.5mm<sup>2</sup>  
Power cord length: ..... 1.6m  
Plug: ..... 13A UK 3 pin (BS 1363/A) with 13A fuse (BS 1362)  
Dimensions (H x W x D): ..... 210 x 340 x 310mm  
Weight: ..... 5.0kg

## General Appliance Safety Warnings

**Note:** This appliance can be used by children aged 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.**

**⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this appliance. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.**

**Save all warnings and instructions for future reference.**

*The term "appliance" in the warnings refers to your mains-operated (corded) appliance or battery-operated (cordless) appliance.*

### 1) General Safety

- Keep appliance away from heat, sharp objects, oil and other hazards.**
- DO NOT place the cord under carpets or other textile coverings such as clothes or dust sheets.**
- DO NOT place the cord in areas where it may pose a trip hazard.**
- DO NOT use the appliance if the cable or plug is damaged.**
- DO NOT use the appliance if the switch does not turn it ON and OFF. Any appliance that cannot be controlled with the switch is dangerous and must be repaired.**
- Ensure appliance is switched OFF before connecting to mains power supply.**

# 2.2KW TQ4 HEATER

- g) **Disconnect the plug from the source and/or remove the battery pack, if detachable, from the appliance before making any adjustments, changing accessories, or storing appliances.** *Such preventive safety measures reduce the risk of starting the appliance accidentally.*
  - h) **Store idle appliances out of the reach of children and DO NOT allow persons unfamiliar with the appliance or these instructions to operate the appliance.** *Appliances are dangerous in the hands of untrained users.*
  - i) **Maintain appliances and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the appliance's operation. If damaged, have the appliance repaired before use.** *Many accidents are caused by poorly maintained appliances.*
  - j) **Children must not play with the appliance.** *Cleaning and user maintenance must not be made by children without supervision.*
  - k) **DO NOT use appliance in wet or damp conditions, such as in bathrooms.**
  - l) **DO NOT touch appliance switch, controls, cabling, plug or connection with wet hands.**
  - m) **When moving from one place to another, consider the weight of the machine.**
- 2) Electrical Safety**
- a) **Appliance plugs must match the outlet. Never modify the plug in any way. DO NOT use any adapter plugs with earthed (grounded) appliances.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
  - b) **DO NOT abuse the cord. Never use the cord for carrying, pulling or unplugging the appliance. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
  - c) **When used in Australia or New Zealand, it is recommended that this appliance is ALWAYS supplied via Residual Current Device (RCD) with a rated residual current of 30mA or less.**
  - d) **Use proper extension cord. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.**
  - e) **Always check that the power supply corresponds to the voltage on the rating plate.** *The electric motor is designed for a single voltage only.*
- 3) Service**
- a) **Have your appliance serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the appliance is maintained.
  - d) Do not place the heater on a moving vehicle or object, or somewhere it can be easily tipped over.
  - e) When the heater is not in use for an extended period of time, unplug it for safe storage, and store after it is fully cooled.
  - f) Always unplug the power from the socket by gripping the plug; do not unplug the heater by pulling or yanking the power cord.
  - g) Always keep the power cord away from the hot air outlet.
  - h) Do not leave the heater on for considerable amounts of time and do not leave it unattended while in use.
  - i) Always use the heater in well-ventilated areas, and do not position near a wall, in a corner, or near any curtains or places where the air inlet may become blocked.
  - j) When using the heater, ensure it is kept far from any combustible, explosive articles or explosive, corrosive gases.
  - k) Do not use the heater with a timer, programmer, or any other device that has a function to automatically switch the heater on unattended as a fire risk exists if the heater is covered or positioned incorrectly.
  - l) To minimise the risk of electric shock, never handle the heater, plug, or power cord with wet hands. Always dry hands before touching the heater and do not use the heater to dry wet hands.
  - m) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
  - n) If the motor does not switch on after switching on the heater, stop using it immediately and let it be repaired by an authorised service technician.
  - o) Do not use the heater if it has been dropped.
  - p) Only use this heater on a horizontal and stable surface.
  - q) Children of less than 3 years should be kept away unless continuously supervised.
  - r) Children aged from 3 years and less than 8 years shall only switch ON/OFF the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

## Electric Heater Safety

-  **WARNING:** DO NOT cover the heater. Doing so may cause overheating and/or fire.
-  **WARNING:** DO NOT use the heater if there are visible signs of damage.
-  **WARNING:** Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- a) Connect the power plug only to an earthed socket with the rated voltage.
- b) The heater must not be installed below a socket outlet.
- c) Do not use the heater in the immediate surroundings of a bathroom, anywhere near a shower or bath, swimming pool or in any other humid environment.

## Product Familiarisation

1. Carry Handle
2. Safety Guard
3. Floor Stand
4. Function Selector Dial
5. Thermostat Control Dial
6. Air Intake

## Intended Use

Portable domestic fan heater with 2 power settings and automatic temperature control, used for drying paintwork, plaster etc, and as temporary heating.

**Note:** Not intended for commercial use.

The product must ONLY be used for its intended purpose. Any use other than those mentioned in this manual will be considered a case of misuse. The operator, and not the manufacturer, shall be liable for any damage or injury resulting from such cases of misuse. The manufacturer shall not be liable for any modifications made to the product, nor for any damage resulting from such modifications.

## Unpacking Your Appliance

- Carefully unpack and inspect your product. Fully familiarise yourself with all its features and functions.
- Ensure all parts of the product are present and in good condition.
- If any parts are missing or damaged, have such parts replaced before attempting to use this product.

## Before Use

**⚠ WARNING:** Ensure that the heater is positioned where it cannot be knocked over to prevent a potential fire risk.

**⚠ WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1m from the air outlet.

**⚠ WARNING:** DO NOT use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

Before plugging in the appliance, ensure the following instruction is followed:

- Turn the Thermostat Control Dial (5) anticlockwise as far as it will go.
- Turn the Function Selector Dial (4) to '0'.

## Operation

**Note:** The device has three active modes selectable on the Function Selector Dial (5). These are:

-  Fan Only Function
-  Low Power Heating Function
-  Full Power Heating Function

### Fan only operation

**Note:** The heating element will not activate in this mode. This mode is to facilitate air circulation within a room with no adjustment to temperature.

1. Turn the Thermostat Control Dial (5) clockwise as far as it will go.
2. Turn the Function Selector Dial (4) to the Fan Only Function.

### Heating

**Note:** The full power setting will achieve changes to the room's temperature faster than the low power setting. It is recommended that you switch from full power heating to low power heating when the desired temperature for the room has been reached for greater economy.

**⚠ WARNING:** The Safety Guard (2) for this heater is intended to prevent direct access to heating elements and must be in place when the heater is in use.

1. Turn the Thermostat Control Dial (5) clockwise as far as it will go.
2. Select the desired heating function on the Function Selector Dial (4) by turning to the appropriate symbol.

### Thermostat control

**Note:** The Thermostat Control Dial (5) acts as a switch for the appliance. It does not increase or decrease the heat output.

1. Turn the Thermostat Control Dial clockwise as far as it will go.
2. Select the Full Power Heating Function on the Function Selector Dial (4).
3. When the desired temperature is reached, turn the Thermostat Control Dial anticlockwise until the appliance audibly clicks.
4. Select the Low Power Heating Function on the Function Selector Dial.

- The heater will now turn on and off in order to automatically maintain the temperature of the room.

## Maintenance

**⚠ WARNING:** Before making any adjustments or carrying out maintenance procedures ensure that the appliance is switched OFF, represented by the '0' symbol on the Function Selector Dial (4). Also ensure the plug is removed from the power point.

- In case of a fault with the unit or reduced performance, turn the unit OFF and unplug. Repairs should be carried out by an authorised service centre.

### General inspection

- Inspect the supply cord of the tool, prior to each use, for damage or wear. Repairs should be carried out by an authorised service centre. This advice also applies to extension cords used with this tool.

### Cleaning

- Keep the appliance clean at all times. Dirt and dust will cause internal parts to wear quickly and shorten the device's service life. Clean the body of the appliance with a soft damp cloth. Do not get the appliance wet.
- Do not spray appliance with or immerse in water or other liquids.
- Never allow water or liquid to drip into the appliance body.
- Do not use caustic agents such as solvents or paint thinner to clean the appliance. If required, use a neutral detergent to remove dirt.

## Storage

- Store this tool carefully in a secure, dry place out of the reach of children.

## Contact

For technical or repair service advice, please contact the helpline on (+44) 1935 382 222.

**Web:** [www.toolstream.com](http://www.toolstream.com)

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## Disposal

Always adhere to national regulations when disposing of electrical appliances that are no longer functional and are not viable for repair.

- Do not dispose of appliances or other waste electrical and electronic equipment (WEEE), with household waste.
- Contact your local waste disposal authority for information on the correct way to dispose of appliances.

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