

# RHINO

## DF24 24" DRUM FAN 230V

### OPERATING INSTRUCTIONS



**RHINO: H029402**



RHINO - Designed and distributed by Toolstream Ltd.

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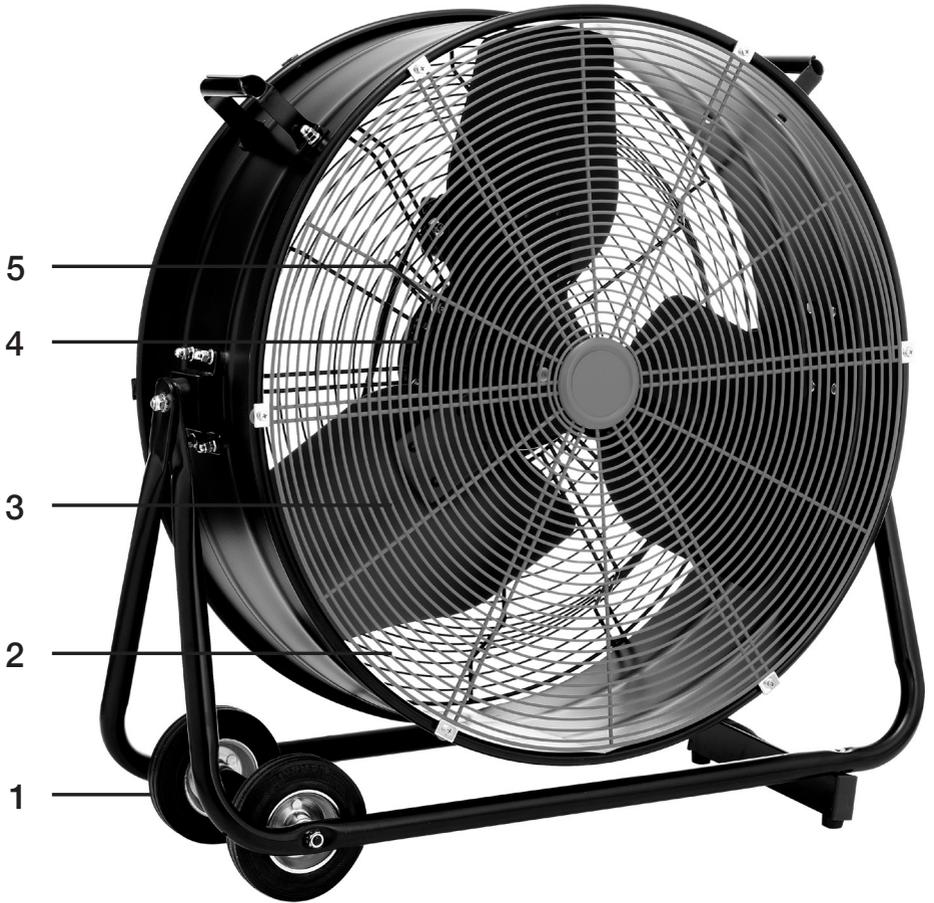
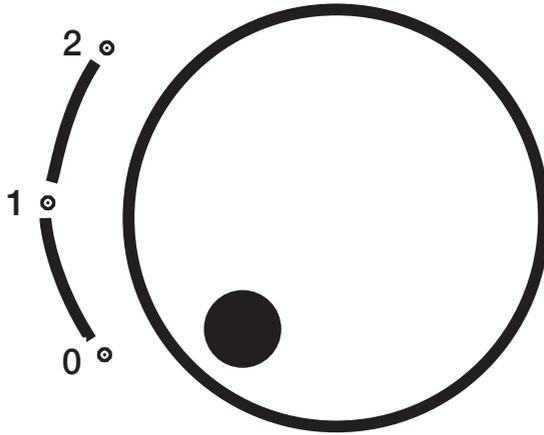


Fig. I



## 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



Caution!



Class I construction (protective earth)



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
A, mA	Ampere, milli-Amp
Hz	Hertz
W, kW	Watt, kilowatt
m <sup>3</sup> /hr	Cubic metres per hour
rpm	Revolutions per minute
min <sup>-1</sup>	Operations per minute

## Specification

Voltage: ..... 220-240V 50Hz  
Power: ..... 330W  
Maximum air flow: ..... 19,000m<sup>3</sup>/hr  
No load speed: ..... 1400min<sup>-1</sup>  
Sound level: ..... 82dB

Protection class: .....   
Ingress protection: ..... IPX0  
Plug: ..... British Standard, Moulded, BS1363, 3 pin  
Dimensions (L x W x H): ..... 740 x 280 x 755mm  
Weight: ..... 20.8kg

As part of our ongoing product development, specifications of Rhino products may alter without notice.

## Appliance Safety Warnings

**Note:** 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.**

**⚠ 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.

- a) Keep appliance away from heat, sharp objects, oil and other hazards.
- b) Do not place the cord under carpets or other textile coverings such as clothes or dust sheets.
- c) Do not place the cord in areas where it may pose a trip hazard.
- d) Do not use the appliance if the cable or plug is damaged.
- e) 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.*
- f) Ensure appliance is switched OFF before connecting to mains power supply.
- 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.
  - 1) 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.
    - f) 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.
- 2) 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.*

## Fan Safety Warnings

- a) This appliance is for indoor use only.
- b) Do not leave appliance unattended during operation.
- c) Do not hang curtains or wet fabric in front of the air outlet. *This may cause the appliance to overheat.*
- d) Do not insert fingers or other body parts into the openings of the guard.
- e) Do not leave clothing, hair or other trailing objects near fan. *The internal parts of this appliance may cause damage or injury in the event of entanglement.*
- f) Never operate fan with guards removed.
- g) Do not cover appliance during operation.
- h) Always operate on a stable, flat horizontal surface.
- i) Do not move appliance during operation.

Even when used as prescribed it is not possible to eliminate all residual risk factors. Use with caution. If you are at all unsure of the correct and safe manner in which to use this tool, do not attempt to use it.

## Product Familiarisation

1. Wheels
2. Guard
3. Blades
4. Motor
5. Control Panel

## Intended Use

High velocity industrial fan with 2-speed motor and tilt function. For ventilation in industrial, commercial and leisure settings.

**Note:** This product is only suitable for medium to large spaces.

## 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

- Only operate appliance in a static, vertical position. Do not operate if Wheels (1) are free to operate, or if appliance is lying on its side.
- Ensure cord is completely extended before use.
- Do not use on an inclined or uneven surface.

## Operation

1. Connect plug to suitable outlet.
2. Turn the knob on the Control Panel (5) at the back of the fan to turn ON/OFF and select rotation speed. Turn the knob to '0' to turn the fan off, '1' to select low speed and '2' to select high speed (Fig. 1).

## Accessories

- A full range of accessories is available from your Rhino stockist
- Spare parts can be obtained from [www.toolstream.com](http://www.toolstream.com)

## Maintenance

### 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 your machine with a soft damp cloth.
- Always disconnect the main socket before cleaning the unit or air filter.
- Avoid contact with moving parts.
- Ensure that the fan is switched off from the mains supply before removing the Guard (2).
- Do not spray appliance with or immerse in water or other liquids.
- Never allow water or liquid to drip into the Motor (4) housing.
- Do not use caustic agents such as solvents or paint thinner to clean the appliance.

## Storage

- Store this appliance 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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BA22 8HZ, United Kingdom

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6121 RE Born  
The Netherlands

## Disposal

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

- Do not dispose of power tools, batteries 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 power tools, electrical appliances and batteries



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