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> Strongway Direct Drive Drum Fan (Model 4742888) Instruction Manual

## Strongway 4742888

# Strongway Direct Drive Drum Fan (Model 4742888) Instruction Manual

30-inch, 6200 CFM, 1/4 HP, 120 Volts

## INTRODUCTION

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Thank you for choosing the Strongway Direct Drive Drum Fan. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your fan. Please read this manual thoroughly before use and retain it for future reference.

The Strongway Open Motor Direct Drive Drum Fan is designed to provide effective cooling for your workspace. This powerful unit offers an airflow of 6200 CFM and operates on 120 Volts. Its 3-blade design ensures even airflow, while the fan operates smoothly and quietly. Durable rubber wheels allow for easy transport, and anti-skid stopper feet keep the fan stable during use. The porcelain-finished safety grille meets OSHA Standard 1910.212, providing enhanced safety.

## SAFETY INFORMATION

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**WARNING: Read and understand all safety warnings and instructions before operating this fan. Failure to follow these instructions may result in electric shock, fire, or serious injury.**

- Always unplug the fan from the power outlet before cleaning, servicing, or moving.
- Do not operate any fan with a damaged cord or plug. Discard the fan or return it to an authorized service facility for examination and/or repair.
- 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.
- Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the fan.
- Do not block air intakes or exhaust in any manner. Do not use on any soft surface, like a bed, where openings may become blocked.
- Use this fan only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This fan is intended for outdoor use. Do not expose to rain or wet conditions.

- Keep children and pets away from the fan during operation.
- Ensure the fan is placed on a stable, level surface to prevent tipping.

## PACKAGE CONTENTS

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Your Strongway Direct Drive Drum Fan package includes:

- 1 x Strongway Direct Drive Drum Fan

## SETUP AND ASSEMBLY

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The Strongway Direct Drive Drum Fan requires minimal assembly, primarily involving the attachment of its wheels and anti-skid stopper feet for stability and portability.

1. **Unpack the Fan:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Attach Wheels:** Locate the rubber wheels and their corresponding hardware. Attach the wheels to the designated axle points on the fan's frame. Ensure they are securely fastened to allow for easy transport.
3. **Install Anti-Skid Stopper Feet:** Attach the anti-skid stopper feet to the base of the fan. These feet provide stability and prevent the fan from moving during operation.
4. **Position the Fan:** Place the fan on a firm, level surface in the desired location. Ensure there is adequate clearance around the fan for proper airflow and to prevent obstruction of the intake and exhaust.



Image showing the Strongway Direct Drive Drum Fan with callouts highlighting its 3-blade design, 2-speed motor, 6,200 CFM motor, porcelain-finished safety grille, and durable rubber wheels.



Image depicting a person easily moving the Strongway Direct Drive Drum Fan using its integrated handle and rubber wheels, demonstrating its portability.

## OPERATING INSTRUCTIONS

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The Strongway Direct Drive Drum Fan features a 2-speed motor, allowing you to adjust the airflow to your preference.

1. **Connect to Power:** Plug the fan's power cord into a standard 120-Volt grounded electrical outlet. Ensure the outlet is appropriate for the fan's power requirements.
2. **Select Speed:** Use the control switch, typically located on the fan housing, to select your desired speed setting. The fan offers two speeds:
  - **Low Speed:** For general air circulation and quieter operation.
  - **High Speed:** For maximum airflow and cooling in larger areas.

3. **Adjust Direction:** The fan's drum can be tilted to direct airflow where needed. Adjust the angle by loosening the side knobs, tilting the drum, and then tightening the knobs to secure it in place.
4. **Turn Off:** To turn off the fan, set the control switch to the 'OFF' position. Unplug the fan from the power outlet when not in use for extended periods.



Image illustrating the Strongway Direct Drive Drum Fan, emphasizing its two-speed motor for adjustable comfort and 3-blade uniformity for consistent airflow.

## MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your Strongway Direct Drive Drum Fan.

- **Cleaning:** Always unplug the fan before cleaning. Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents. For the fan blades and grille, use a vacuum cleaner with a brush attachment or a soft cloth to remove dust and debris. Ensure the fan is completely dry before plugging it back in.
- **Motor:** The direct drive motor is designed for rugged and dependable operation and typically requires no user maintenance.

- **Storage:** When not in use, store the fan in a clean, dry place. If storing for an extended period, cover the fan to protect it from dust.
- **Inspection:** Periodically inspect the power cord and plug for any signs of damage. If damage is found, discontinue use and contact customer support for assistance.

## TROUBLESHOOTING

If you encounter issues with your Strongway Direct Drive Drum Fan, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fan does not turn on	No power to the unit Fan switch is off Damaged power cord/plug	Ensure the fan is plugged into a live 120V outlet. Check the circuit breaker or fuse. Turn the fan switch to 'LOW' or 'HIGH'. Inspect the cord and plug for damage. If damaged, do not use and contact support.
Low airflow	Fan speed set too low Obstruction in front or rear grille Dust buildup on blades/grille	Increase the fan speed setting. Remove any objects blocking the air intake or exhaust. Clean the fan blades and grilles as per maintenance instructions.
Excessive noise or vibration	Fan not on a level surface Loose components Debris in fan blades	Place the fan on a stable, level surface. Check for any loose screws or parts and tighten them. Unplug the fan and carefully remove any debris from the blades.

If the problem persists after attempting these solutions, please contact Strongway customer support for further assistance.

## SPECIFICATIONS

Detailed specifications for the Strongway Direct Drive Drum Fan (Model 4742888):

Attribute	Specification
Brand	Strongway
Model Name	Drum Fan
Item Model Number	4742888
UPC / GTIN	840321737038
Product Dimensions	35"D x 14"W x 38"H
Item Weight	53 Pounds
Color	Black
Material	Rubber (for wheels)
Voltage	120 Volts

Attribute	Specification
Number of Speeds	2
Air Delivery (CFM)	6200 CFM
Horsepower	1/4 HP (0.25 HP)
Max. Fan Speed	975 rpm
Drive Type	Direct
Indoor/Outdoor Usage	Outdoor
Specification Met	OSHA Standard 1910.212 (Porcelain-finished safety grille)
Controller Type	Button Control
Assembly Required	Yes

## WARRANTY AND SUPPORT

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For warranty information or technical support regarding your Strongway Direct Drive Drum Fan, please refer to the warranty card included with your purchase or visit the official Strongway website. You may also contact the retailer where the product was purchased for assistance.

Please have your model number (4742888) and purchase date available when contacting support.