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ZeStarDair GYKN8G8JUSYB8

ZeStarDair Portable Utility Blower Fan User Manual

Model: GYKN8G8JUSYB8

1. Introduction

Thank you for choosing the ZeStarDair Portable Utility Blower Fan. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your 10-inch, 320W high-velocity ventilator with a 32.8 ft (10 m) duct hose. Please read these instructions carefully before use and retain them for future reference.



Image 1.1: ZeStarDair 10-inch portable utility blower fan and coiled duct hose.

This portable blower fan is designed for various ventilation tasks, including exhausting stale air, circulating fresh air, and drying applications in residential, commercial, and industrial settings. Its robust design and flexible ducting make it suitable for confined spaces and job sites.

2. Safety Instructions

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply matches the fan's voltage (110V). Always plug the fan into a grounded outlet. Do not operate with wet hands or in wet conditions. The unit features an anti-leakage plug for enhanced safety.
- **Placement:** Position the fan on a stable, level surface to prevent tipping. Keep the fan and ducting clear of obstructions, flammable materials, and excessive dust.
- **Ducting:** Inspect the duct hose for tears or damage before each use. Avoid dragging the duct over sharp objects. Ensure the duct is securely attached to the fan.
- **Operation:** Do not insert fingers or foreign objects into the fan grilles while operating. Keep children and pets away from the unit.
- **Maintenance:** Always unplug the fan from the power source before cleaning, inspecting, or performing any maintenance.
- **Protection:** The fan has an IP44 protection level, indicating resistance to solid objects larger than 1mm and splashing water. However, it is not waterproof and should not be submerged.

3. Package Contents

Verify that all items are present and undamaged upon unpacking:

- 1 x ZeStarDair Portable Utility Blower Fan (10-inch, 320W)
- 1 x Flexible Duct Hose (32.8 ft / 10 m)
- 1 x User Manual (this document)

4. Setup

1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for storage or future transport.
2. **Position the Fan:** Place the blower fan on a firm, level surface in the desired location. Ensure adequate space around the fan for proper airflow and stability.
3. **Attach the Duct Hose:**
    - Extend the flexible duct hose.
    - Align one end of the duct hose with the fan's outlet or inlet (depending on whether you need to exhaust or supply air).
    - Secure the duct hose to the fan using the integrated rope or a suitable clamp to ensure a tight seal. The D-rings along the duct can be used to suspend or guide the hose.
4. **Route the Duct:** Extend the duct hose to the area requiring ventilation. Avoid sharp bends or kinks that could restrict airflow.



Image 4.1: Blower fan with extended duct hose in operation.

5. Operating Instructions

1. **Connect Power:** Plug the fan's power cord into a standard 110V AC grounded electrical outlet. The plug type is NEMA 5-15P.
2. **Power On:** Locate the power switch on the fan unit. Flip the switch to the 'ON' position to start the fan.
3. **Adjust Airflow (if applicable):** This model features two power levels. If your unit has a control for speed, select the desired airflow setting.
4. **Directional Airflow:** The fan can be used to either exhaust air from a space or supply fresh air into it, depending on how the duct is attached and positioned.
5. **Power Off:** To stop the fan, flip the power switch to the 'OFF' position. Unplug the unit from the power outlet when not in use.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your blower fan.

- **Cleaning the Fan:**
  - **Always unplug the fan before cleaning.**
  - Use a soft, damp cloth to wipe down the exterior housing.
  - Carefully remove any dust or debris from the fan blades and protective grilles using a brush or vacuum cleaner. Ensure no foreign objects are lodged in the fan mechanism.
- **Duct Hose Inspection:** Regularly inspect the duct hose for any signs of wear, tears, or damage. Replace the duct if it is compromised to maintain efficient airflow and safety.
- **Storage:** When not in use, detach the duct hose from the fan. The duct is foldable for compact storage. Store the fan and duct in a dry, clean environment, away from direct sunlight and extreme temperatures.



Image 6.1: Features highlighting the flexible duct, handle, and anti-slip pads for easy storage and portability.

7. Troubleshooting

If you encounter issues with your blower fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on	No power supply Power switch is off Anti-leakage plug tripped	Check power outlet and cord connection Ensure switch is in 'ON' position Press the reset button on the anti-leakage plug

Problem	Possible Cause	Solution
Reduced airflow	Duct hose is kinked or blocked Fan grilles are obstructed Fan blades are dirty	Straighten duct, remove obstructions Clear debris from grilles Clean fan blades (ensure unit is unplugged)
Unusual noise or vibration	Loose components Foreign object in fan Unstable placement	Unplug and inspect for loose parts; tighten if safe Unplug and carefully remove any foreign objects Place fan on a stable, level surface

If the problem persists after attempting these solutions, please contact customer support.

8. Specifications

Technical specifications for the ZeStarDair Portable Utility Blower Fan, Model GYKN8G8JUSYB8:



Image 8.1: Dimensions of the blower fan and coiled duct hose.

Feature	Detail
Model Number	GYKN8G8JUSYB8
Brand	ZeStarDair
Power Source	AC
Voltage	110 Volts
Wattage	320W
Air Flow Capacity	1518 CFM (43 m^3/min)
Fan Diameter	10 Inches (25 cm)
Duct Hose Length	32.8 ft (10 m)
Duct Thickness	0.3mm / 0.012 inch
Motor Speed	2800 r/min
Protective Level	IP44
Product Dimensions (Fan)	14.8"D x 11"W x 13"H (37.6cm D x 28cm W x 33cm H)
Control Method	Switch Control
Power Cord Length	8.2 ft (2.5 m)
Duct Temperature Range	-15-85°C / 5-185°F
UPC	749767195221

9. Warranty and Support

ZeStarDair is committed to providing quality products. For warranty information, technical support, or assistance with your product, please contact the retailer or manufacturer directly. Please have your model number (GYKN8G8JUSYB8) and purchase date available when contacting support.

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