

VENTISOL G-20WFO

VENTISOL 20-Inch Oscillating High-Velocity Wall Mount Fan

Model: G-20WFO

Brand: VENTISOL

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, installation, and maintenance of your VENTISOL 20-Inch Oscillating High-Velocity Wall Mount Fan, Model G-20WFO. Please read this manual thoroughly before using the product and retain it for future reference.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury to persons, observe the following:

- Always disconnect the fan from the power source before cleaning, servicing, or relocating.
- Ensure the power supply matches the voltage requirements specified on the fan's label.
- Do not operate any fan with a damaged cord or plug. Discard fan or return 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.
- Avoid contact with moving parts. Keep fingers, hair, and clothing away from the fan blades during operation.
- Do not use this fan with any solid-state speed control device.
- This fan is suitable for both indoor and outdoor use. However, ensure proper installation and protection from direct heavy rain when used outdoors.
- Mount the fan securely to a sturdy wall or ceiling structure capable of supporting its weight.
- Do not immerse the fan in water or other liquids.
- Keep children and pets away from the fan during operation.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- Fan Head (Motor and Blades)
- Rear Guard
- Front Guard
- Support Bracket
- Control Panel with Cord (approx. 39.76 inches)
- Power Cord (approx. 72.83 inches)
- Mounting Hardware (screws, wall anchors)

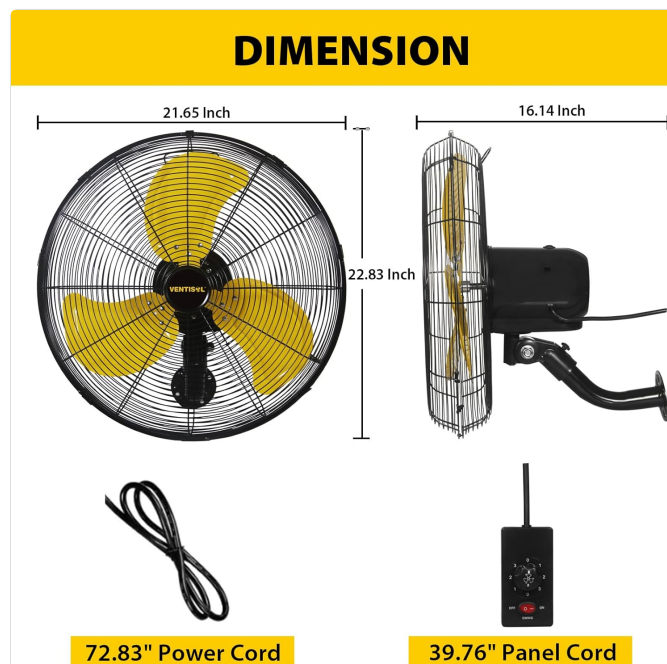


Figure 1: Fan Dimensions and Main Components. The image displays the fan's overall dimensions (21.65 inches width, 22.83 inches height, 16.14 inches depth) and the lengths of the power cord (72.83 inches) and control panel cord (39.76 inches).

INSTALLATION GUIDE

Follow these steps to properly install your VENTISOL wall mount fan.

1. **Choose a Mounting Location:** Select a sturdy wall or ceiling beam that can safely support the fan's weight (12.7 lbs) and vibration during operation. Ensure adequate clearance around the fan for optimal airflow and oscillation.
2. **Mount the Support Bracket:** Position the support bracket on your chosen surface. Mark the drilling points through the bracket's holes. Drill pilot holes, then secure the bracket using the provided screws and wall anchors (if necessary for drywall or concrete).
3. **Attach the Fan Head:** Carefully lift the fan head and slide it onto the support bracket. Ensure it is seated correctly and tighten the position screw to secure it.
4. **Install the Rear Guard:** Align the four holes of the rear guard with the motor housing. Securely fasten the rear guard using the provided screws.
5. **Install the Blades:** Slide the fan blade assembly onto the motor shaft until it is fully seated. Tighten the set screw on the blade assembly securely onto the flat surface of the motor shaft.

6. **Install the Front Guard:** Loosen the security screw on the front guard. Place the front guard over the blades, aligning it with the rear guard. Insert the security screw through the guards and tighten them up. Press the remaining guard clips onto the rear guard to securely attach the front guard.
7. **Mount the Control Panel:** Drill a screw into the wall at a convenient height. Hang the control panel by its keyhole slot onto the screw.
8. **Connect Power:** Plug the fan's power cord into a suitable electrical outlet.

Video 1: Assembly Guide for VENTISOL Wall Mount Fan. This video demonstrates the step-by-step process of assembling and mounting the fan, including attaching the bracket, fan head, guards, and blades, and connecting the control panel.

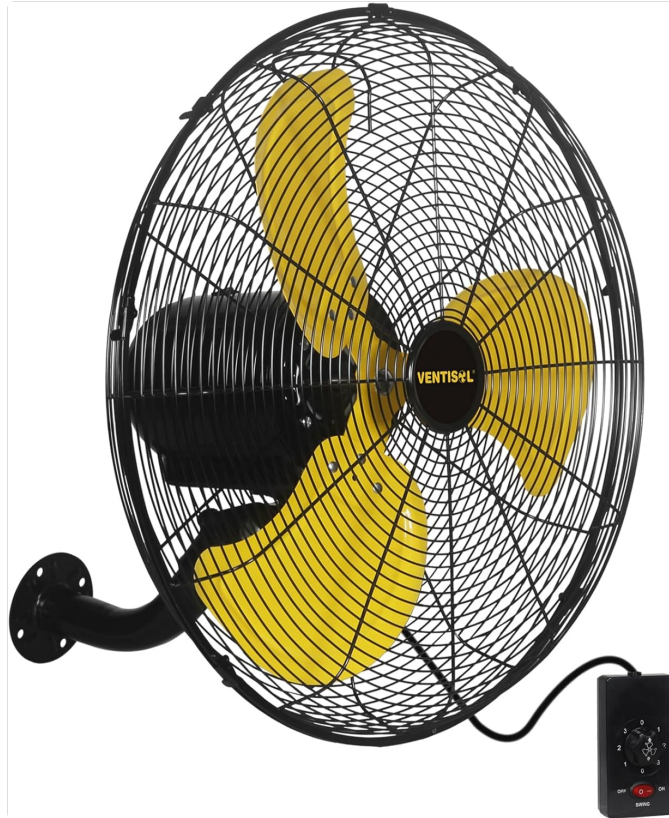


Figure 2: Fully Assembled VENTISOL Wall Mount Fan. This image shows the fan mounted on a wall, highlighting its design and the attached control panel.

OPERATING INSTRUCTIONS

Your VENTISOL fan features a user-friendly control panel for adjusting settings.

Speed Control

The fan offers three speed settings (1, 2, 3) and an off position (0). Use the rotary switch on the control panel to select your desired airflow intensity.

- **Setting 0:** Fan Off
- **Setting 1:** Low Speed (approx. 2850 CFM)
- **Setting 2:** Medium Speed (approx. 3700 CFM)
- **Setting 3:** High Speed (approx. 4950 CFM)

Oscillation and Tilt

The fan is designed for wide area coverage with both oscillation and manual tilt features.

- **Oscillation:** Use the rocker switch on the control panel (marked 'SWING' or 'ON/OFF') to activate or deactivate the 90° horizontal oscillation feature.
- **Manual Tilt:** The fan head can be manually adjusted up to 65° downward tilt. Loosen the adjustment knobs on the side of the fan's support arm, set the desired angle, and then securely tighten the knobs.



Figure 3: Control Panel. The control panel features a rotary switch for speed selection and a rocker switch for oscillation.



Figure 4: Oscillation and Tilt Capabilities. The fan provides 90° horizontal oscillation and a 65° manual tilt for directing airflow.

Video 2: VENTISOL 20-Inch Wall Mounted Fan Overview. This video highlights the fan's features, including its three speed settings, 90° oscillation, and tilting capabilities, demonstrating its powerful airflow.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fan.

- **Cleaning:** Disconnect the fan from the power supply. Use a soft, damp cloth to wipe down the exterior surfaces. For the blades and grille, you may need to remove the front guard (refer to installation steps in

reverse) to access and clean them thoroughly. Ensure all parts are dry before reassembling and operating.

- **Motor:** The fan features a premium ball bearing PSC motor designed for lasting durability and requires no lubrication.
- **Storage:** If storing the fan for an extended period, clean it thoroughly and store it in a dry, cool place, preferably in its original packaging.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fan does not turn on	No power supply; Power cord not fully plugged in; Control switch in 'OFF' position.	Check power outlet; Ensure power cord is securely plugged in; Turn the rotary switch to a speed setting (1, 2, or 3).
Reduced airflow	Fan blades or grille are dirty; Obstruction in front or behind the fan.	Clean fan blades and grille (refer to Maintenance section); Remove any obstructions.
Fan is not oscillating	Oscillation switch is in 'OFF' position.	Flip the rocker switch on the control panel to 'ON' for oscillation.
Unusual noise or vibration	Loose parts; Fan not securely mounted; Debris in fan blades.	Check for and tighten any loose screws; Ensure mounting bracket is secure; Disconnect power and check for debris, then clean.

SPECIFICATIONS

Feature	Detail
Brand	VENTISOL
Model Name	G-20WFO
Size	20 inch
Product Dimensions	16.1"D x 21.7"W x 22.8"H
Item Weight	12.7 Pounds
Color	Black + Yellow
Electric Fan Design	Wall Mount Fan
Power Source	AC
Voltage	120 Volts
Wattage	120 watts

Feature	Detail
Number of Power Levels	3
Air Flow Capacity (Max)	4460 Cubic Feet Per Minute (CFM)
Speed (Max)	1350 RPM
Noise Level (High Speed)	67 Decibels
Number of Blades	3 (Aluminum)
Oscillation	90° Horizontal
Tilt Angle	Up to 65° Downward (Manual)
Indoor/Outdoor Usage	Indoor and Outdoor
Special Feature	Industrial Fan, ETL Listed, Powder Coated Finish, Ball Bearing Motor
Recommended Uses	Air Circulation, Cooling, Drying in Greenhouses, Attics, Porches, Gardens with Covered Areas, Homes, Restaurants, Living Rooms, Kitchens, Gyms, Workshops, Warehouses, Basements, Garages, Canteens.

WARRANTY AND CUSTOMER SUPPORT

VENTISOL warrants this product to be free of defects in material and workmanship for a **LIMITED ONE-YEAR WARRANTY** from the date of purchase. This warranty applies only to the original purchaser of the product. The warranty excludes damage caused by misuse, tampering, modification, misassembly, repairs or alterations, or failure to adequately maintain and care for the unit. Operating this product under any conditions other than those recommended in this Owner's Manual will void the warranty. For warranty issues, please contact the place of purchase for repair or replacement opportunities. The original dated receipt or proof of purchase must accompany all returns.

All warranties, expressed or implied, are limited for 12 months for the whole fan from the date of purchase. Some states do not allow for the limitation or exclusion of incidental or consequential damages, or do not allow limitation on how long an implied warranty lasts. The above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and may also include other rights that vary state by state.

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