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› BILT HARD 9500 CFM 30 in. High Velocity Industrial Wall Fan Instruction Manual

BILT HARD HFB-0401

BILT HARD 9500 CFM 30 in. High Velocity Industrial Wall Fan Instruction Manual

Model: HFB-0401

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before using this fan. Failure to follow these instructions may result in electric shock, fire, or serious personal injury.

- **Electrical Safety:** This fan is equipped with a 9ft grounded three-prong power cord and is UL Listed for safety. Always plug into a properly grounded outlet. Do not modify the plug. Do not use with extension cords unless absolutely necessary and ensure the cord is rated for the fan's wattage.
- **Installation:** The wall-mounted fan is only suitable for concrete walls. Ensure the mounting surface is structurally sound and can support the fan's weight (approximately 39.2 lbs). Use appropriate wall mounting hardware.
- **Operation:** Keep fingers and other objects away from the fan blades and grilles during operation. The fan features OSHA compliant grilles for safety.
- **Environment:** This fan is designed for indoor use in industrial, commercial, warehouse, factory, workshop, and jobsite environments. Do not expose to water or high humidity.
- **Maintenance:** Always unplug the fan before cleaning or performing any maintenance.

3-Speed Power Control Provides 5100 - 9500 CFM



Low: 5100 CFM



Medium: 6700 CFM



High: 9500 CFM

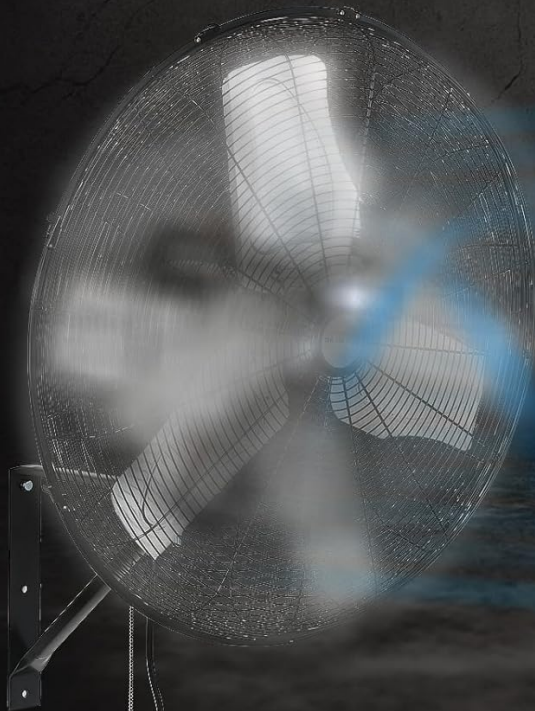


Image: Key features of the BILT HARD industrial wall fan, including quick setup, a three-prong power cord, adjustable tilting and oscillation, and UL certification.

2. PACKAGE CONTENTS

Verify that all components are present before beginning assembly.

- Fan Head Assembly (Motor, Blades, Grilles)
- Wall Mounting Bracket
- Wall Mounting Hardware (screws, anchors)
- Instruction Manual

3. SETUP AND INSTALLATION

The BILT HARD industrial wall fan is designed for easy assembly. Ensure you have the necessary tools (e.g., drill, wrench) before starting.

1. **Select Mounting Location:** Choose a concrete wall capable of supporting the fan's weight. Ensure there is

sufficient clearance for oscillation and tilting.

2. **Attach Wall Bracket:** Securely fasten the wall mounting bracket to the chosen location using the provided wall mounting hardware. Ensure it is level and firmly attached.
3. **Mount Fan Assembly:** Attach the fan head assembly to the wall mounting bracket. Follow the specific instructions in the included diagram for proper attachment.
4. **Connect Power:** Plug the grounded three-prong power cord into a suitable electrical outlet.

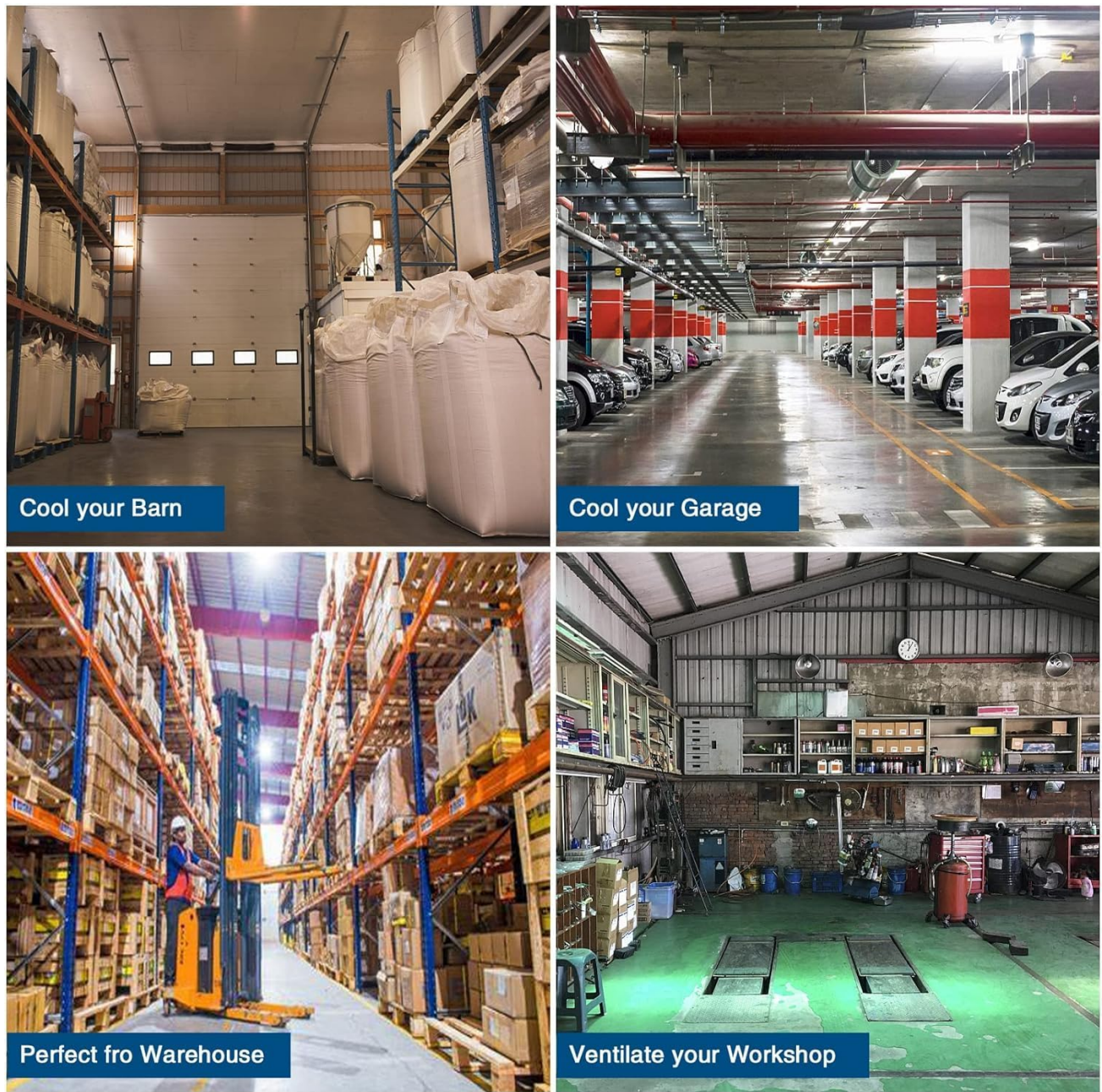


Image: Dimensions and movement capabilities of the BILT HARD 30-inch industrial wall fan, illustrating its size, 80-degree oscillation, and 17-degree vertical tilt.

4. OPERATING INSTRUCTIONS

The fan is controlled via a pull chain switch located on the motor housing.

4.1 Speed Control

The fan offers three speed settings: High, Medium, and Low. Pull the chain to cycle through the speeds:

- **First Pull:** High (9500 CFM, Max 1134 RPM, 1.54 amps)

- **Second Pull:** Medium (6700 CFM)
- **Third Pull:** Low (5100 CFM)
- **Fourth Pull:** Off



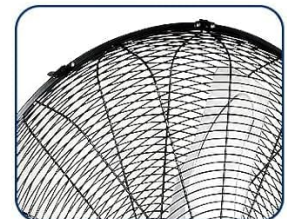
Ball Bearing Motor



Pull Chain



Aluminum Fan Blades



OSHA Compliant
Rust-resistant Grille

Image: Visual representation of the fan's three speed settings and corresponding CFM values: Low (5100 CFM), Medium (6700 CFM), and High (9500 CFM).

4.2 Adjustable Tilting and Oscillation

The fan head can be adjusted vertically and horizontally to direct airflow.

- **Tilting:** Manually adjust the fan head vertically up to 17 degrees to angle the airflow as needed.
- **Oscillation:** The fan offers 80-degree horizontal oscillation. To enable or disable oscillation, adjust the position of the oscillation pin on the motor housing. Refer to the diagram below.

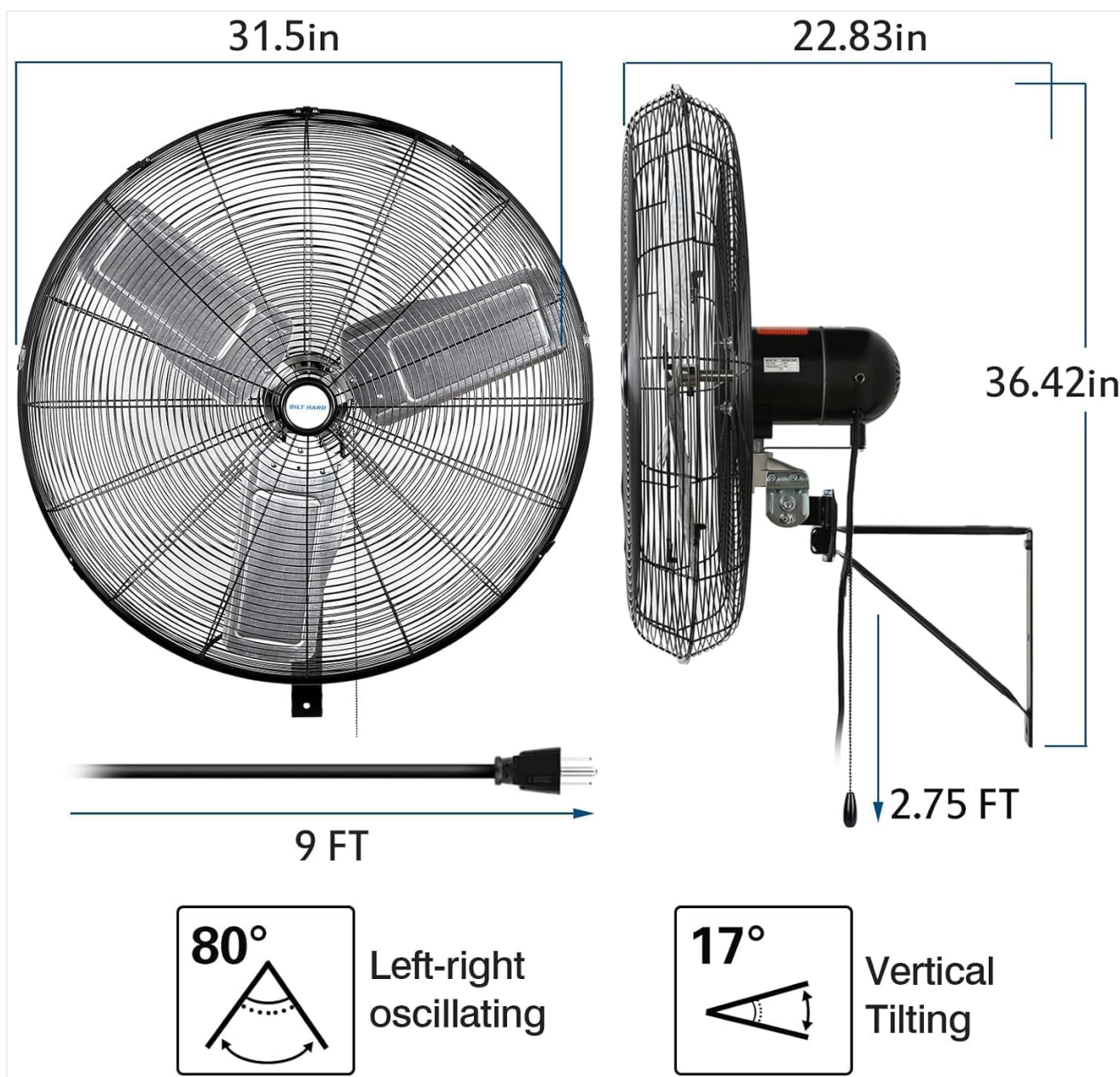


Image: Instructions for adjusting the oscillation feature. Position A enables the fan head to oscillate, while Position B fixes the fan head in one direction.

Your browser does not support the video tag.

Video: Demonstration of the BILT HARD 9500 CFM 30-inch High Velocity Industrial Wall Fan's oscillation feature and overall operation.

5. MAINTENANCE

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

- **Cleaning:** Unplug the fan before cleaning. Use a soft, damp cloth to wipe down the exterior surfaces and grilles. Do not use abrasive cleaners or immerse the fan in water.
- **Blade Cleaning:** Periodically remove the front grille (if detachable) to clean the aluminum fan blades. Ensure blades are dry before reassembling.
- **Inspection:** Regularly check the power cord for any damage. Ensure all mounting hardware remains secure.
- **Storage:** If storing the fan for an extended period, ensure it is clean and dry. Store in a cool, dry place.

6. 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, loose connection, faulty switch	Check power outlet, ensure plug is fully inserted, check pull chain switch.
Fan makes unusual noise or rattles	Loose parts, obstruction, fan not mounted securely	Unplug and inspect for loose screws or obstructions. Ensure mounting bracket is tight.
Oscillation not working	Oscillation pin incorrectly set	Refer to Section 4.2 and adjust the oscillation pin to Position A.
Reduced airflow	Dirty blades or grilles	Unplug and clean fan blades and grilles as described in Section 5.

7. SPECIFICATIONS

Specification	Detail
Brand	BILT HARD
Model Number	HFB-0401
Size	30 inches
Air Flow Capacity	9500 CFM (High)
Number of Speeds	3 (High, Medium, Low)
Max Speed	1134 RPM
Wattage	100 watts
Power Source	Corded Electric
Motor Type	Direct Drive Ball Bearing Motor
Blade Material	Aluminum
Housing Material	Powder-Coated Steel
Cord Length	9 ft
Oscillation	80 degrees horizontal
Tilting	17 degrees vertical
Item Weight	39.2 Pounds
Safety Certification	UL Listed, OSHA Compliant Grilles

8. WARRANTY AND SUPPORT

The BILT HARD high velocity wall fan comes with **aone-year warranty**. This warranty covers quality problems and offers free exchange within 1 year of purchase.

For customer service, support, or warranty claims, please contact BILT HARD via email. Refer to your purchase documentation for specific contact details.