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› **JET Air Filtration System AFS-1000C User Manual**

## Jet AFS-1000C

# JET Air Filtration System AFS-1000C User Manual

Model: AFS-1000C

Brand: Jet

## 1. SAFETY INFORMATION

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Always read and understand all safety warnings and instructions before operating the JET AFS-1000C Air Filtration System. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Ensure the unit is properly grounded.
- Do not operate in wet conditions or expose to rain.
- Always disconnect power before servicing or changing filters.
- Keep children and unauthorized persons away from the unit.
- Mount the unit securely to a sturdy structure capable of supporting its weight.
- Use only specified replacement filters.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 2. PRODUCT OVERVIEW

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The JET AFS-1000C is an advanced air filtration system designed to maintain clean air in workshops and similar environments. It features an automatic air quality sensor that adjusts fan speed based on dust levels, and a filter status indicator to notify users when filters need replacement.



Figure 2.1: JET AFS-1000C Air Filtration System, showing its compact design and control panel.

## Key Features:

- Automatic air quality sensor adjusts six fan speeds.
- Electrostatic outer filter captures 5-micron particles.
- Inner filter captures 1-micron particles.
- Bright, clear, angled LED display panel for easy viewing.
- Filter status indicator for timely filter replacement.
- Radio frequency remote for speed and timer adjustments.
- Strong, injection molded plastic housing dampens vibration and noise (67dB at highest speed).
- Quiet and efficient BLDC motor.

## 3. COMPONENTS INCLUDED

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The JET AFS-1000C package includes the following items:

- Air Filtration Unit (AFS-1000C)
- Inner Filter
- Outer Filter
- Remote Control
- 1 CR2032 Battery (for remote)
- 4 Eye Bolts (for mounting)



Figure 3.1: Included remote control and eye bolts for installation.

## 4. SETUP

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### Mounting the Unit:

1. Identify a suitable location for mounting, preferably in the center of your workspace for optimal air circulation.
2. Ensure the mounting surface (e.g., ceiling joists) can safely support the unit's weight (approximately 33 pounds) plus any additional stress from operation.
3. Install the four provided eye bolts securely into the mounting surface.
4. Using appropriate chains or cables (not included), suspend the air filtration unit from the eye bolts, ensuring it is level and stable.
5. Connect the unit to a standard 120V power outlet.



Figure 4.1: The AFS-1000C unit properly mounted in a workshop environment.

## 5. OPERATING INSTRUCTIONS

## Control Panel and Remote:

The AFS-1000C can be operated directly from its front-mounted LED control panel or via the included radio frequency remote control. The angled LED display provides clear visibility, especially when the unit is ceiling-mounted.



## EASY-TO-READ LED DISPLAY PANEL

Figure 5.1: Detailed view of the easy-to-read LED display panel.

### Power On/Off:

Press the power button on the control panel or remote to turn the unit on or off.

### Fan Speed Adjustment:

The unit features six fan speeds, ranging from 450 CFM to 1000 CFM. Use the 'Speed' buttons on the control panel or remote to cycle through the available speeds. The automatic air quality sensor will adjust the fan speed as needed based on detected dust levels.



## QUIET & EFFICIENT BLDC MOTOR

Figure 5.2: Internal view highlighting the quiet and efficient BLDC motor.

### Timer Function:

Set the unit to run for a specified duration using the 'Timer' function. The timer can be set for up to 16 hours, after which the unit will automatically shut off. This is useful for clearing the air after you leave the workspace.

### Filter Status Indicator:

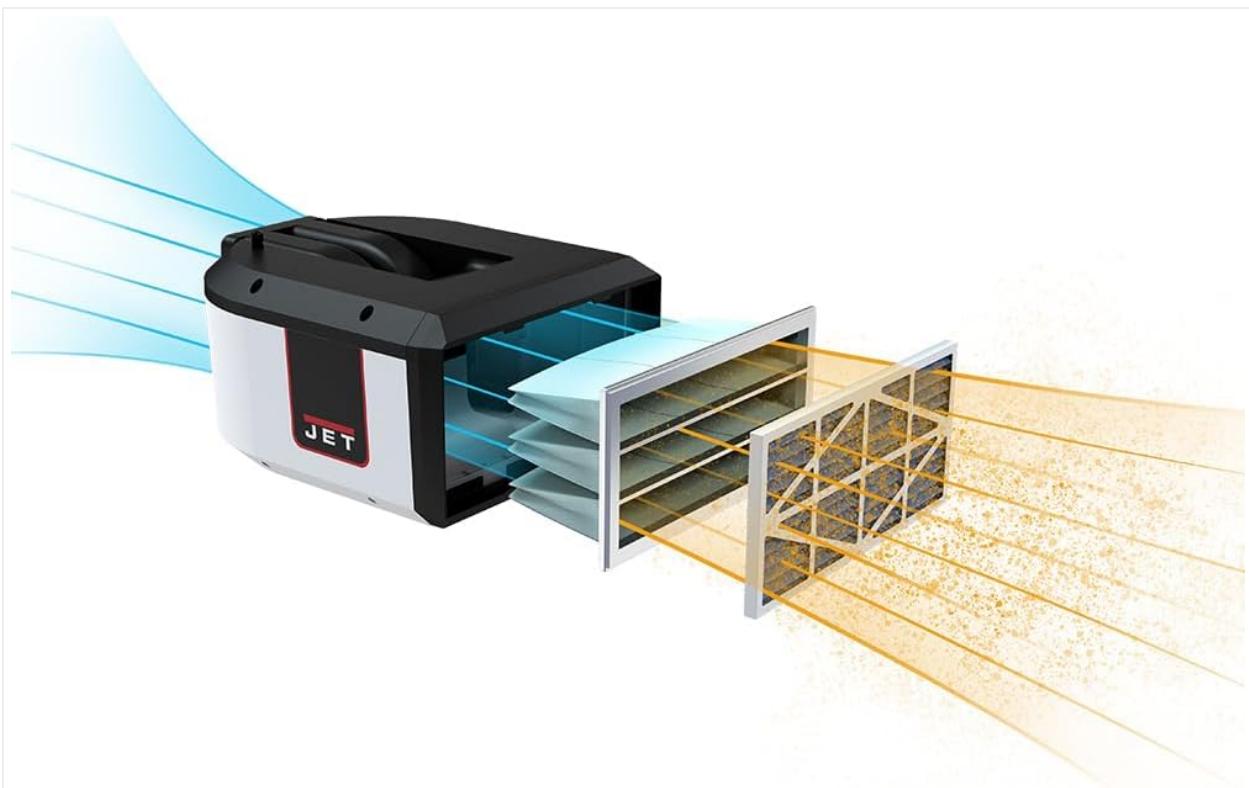
The control panel includes a filter status indicator that displays the condition of your filters: 'Good', 'Replace Soon', or 'Replace'. Monitor this indicator to ensure optimal filtration performance.

## 6. MAINTENANCE

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### Filter Replacement and Cleaning:

The AFS-1000C utilizes a two-stage filtration system: an electrostatic outer filter (5-micron) and an inner filter (1-micron). Regular inspection and replacement of filters are crucial for maintaining air quality and unit efficiency.



## FILTERS 1-MICRON PARTICLES

Figure 6.1: Illustration of the two-stage filtration process, capturing particles down to 1 micron.



Figure 6.2: The air filtration unit with its filters clearly visible.

When the filter status indicator shows 'Replace Soon' or 'Replace', follow these steps:

1. Disconnect the unit from the power source.
2. Carefully open the filter access panel.
3. Remove the old filters. Note that the electrostatic outer filter (part number 708731) is disposable, while the inner filter (part number 708733) is a three-bag heavy-duty cloth filter.
4. For the inner filter, if it's a washable type (part number 708732), clean it according to manufacturer instructions. Otherwise, replace both filters with new ones.
5. Insert the new or cleaned filters, ensuring they are properly seated.
6. Close the filter access panel securely.
7. Reconnect power and reset the filter indicator if necessary (refer to control panel instructions).

Optional specialty filters are available, such as a washable electrostatic outer filter (708732) for reusability and a charcoal filter (708734) for odor and smoke elimination.

## 7. TROUBLESHOOTING

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If your JET AFS-1000C is not operating as expected, consider the following common issues:

- **Unit does not power on:** Check if the power cord is securely plugged into a 120V outlet. Verify the outlet has power.
- **Reduced airflow or efficiency:** Check the filter status indicator. Clogged filters significantly reduce performance and need to be cleaned or replaced. Ensure there are no obstructions to the air intake or exhaust.
- **Unusual noise:** Verify the unit is securely mounted and not vibrating against any surfaces. Check that filters are properly installed and not loose. If noise persists, contact customer support.
- **Remote control not working:** Replace the CR2032 battery in the remote. Ensure there are no obstructions between the remote and the unit.

For issues not resolved by these steps, please refer to the Warranty and Support section.

## 8. SPECIFICATIONS

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Specification	Value
Model Number	AFS-1000C
Manufacturer	JPW Industries
Part Number	713000
Item Weight	33 pounds
Product Dimensions	30.13 x 24.25 x 15.38 inches
Power Source	Corded Electric
Voltage	120 Volts
Horsepower	0.33
Sound Level	67 dB (at highest speed)
Filter Type (Outer)	Electrostatic (5-micron)
Filter Type (Inner)	1-micron
Timer	Up to 16 hours
Included Components	Air Filtration Unit, Inner Filter, Outer Filter, Remote Control, 1 CR2032 Battery, 4 Eye Bolts
Material	Injection Molded Plastic
Color	White

## 9. WARRANTY AND SUPPORT

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### Warranty Information:

The JET AFS-1000C Air Filtration System comes with a **5-Year Warranty** for residential use. If the product is used for commercial or industrial purposes, the warranty defaults to a **2-Year Warranty**. Please retain your proof of purchase for warranty claims.

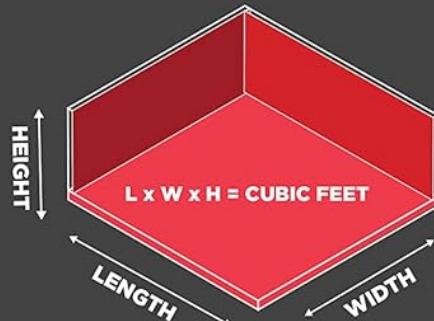


## ENSURING YOUR SAFETY IS AS EASY AS... — SPACE, CAPACITY, CYCLES. —

Start by measuring the dimensions of your shop, then follow our three-step guide to calculate the perfect air filtration solution based on shop space, system capacity, and cycles per hour needed.

### 1 SPACE

Calculate the cubic feet in your shop using length x width x height: 20' x 20' x 8' = 3,200 cubic feet



### 2 CAPACITY

Divide the shop cubic feet by the maximum system capacity measured in cubic feet per minute (CFM): 3,200 CFM / 650 CFM = 4.9231 minutes.



### 3 CYCLES

System should filter the shop every 8-10 minutes; 6-7.5 times per hour.

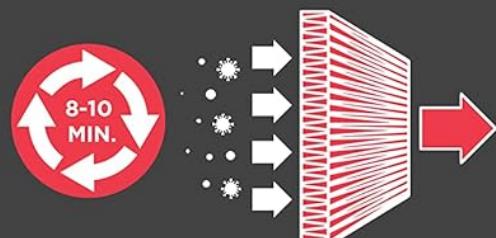
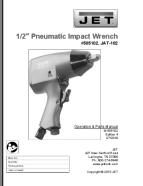
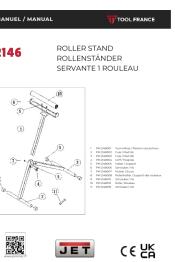


Figure 9.1: The 5-Year Warranty emblem.

For technical assistance, parts, or warranty inquiries, please contact Jet customer support. Refer to the contact information provided in your product packaging or visit the official Jet website for the most up-to-date support details.

## Related Documents - AFS-1000C

	<p><a href="#">JET Drill Press Operator's Manual - JDP Series</a></p> <p>This operator's manual provides essential safety instructions, specifications, assembly, operation, and maintenance details for JET JDP-14J, JDP-14M, JDP-17M, JDP-14JF, JDP-14MF, and JDP-17MF drill press models.</p>
	<p><a href="#">JET Hand Dryer Installation and User Manual</a></p> <p>Comprehensive installation, usage, maintenance, and troubleshooting guide for the JET Hand Dryer. Includes specifications, safety warnings, and assembly instructions for professional installation.</p>
	<p><a href="#">JET S90 Series Hand Chain Hoists: Operating Instructions and Parts Manual</a></p> <p>Comprehensive operating instructions, safety guidelines, maintenance procedures, specifications, and parts lists for the JET S90 Series Hand Chain Hoists, covering capacities from 0.5 Ton to 10 Ton.</p>
	<p><a href="#">JET JAT-102 1/2-inch Pneumatic Impact Wrench Operation and Parts Manual</a></p> <p>Official operation and parts manual for the JET JAT-102 1/2-inch Pneumatic Impact Wrench. Includes safety warnings, specifications, setup, operation, maintenance, troubleshooting, and parts list.</p>
	<p><a href="#">JET 2146 Roller Stand - Parts Manual</a></p> <p>Official manual for the JET 2146 Roller Stand, detailing parts and assembly. Includes multilingual support information and product specifications.</p>

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