



PuriSystems PuriCare 500

Air Filtration System and Dust Collector Specification Sheet

PuriCare 500 with 2-Stage Air-Filtration Technology

PROVEN PERFORMANCE

The PuriCare 500 Air Filtration System features a lightweight design that offers two fixed installation methods. For airborne dust and wood pellets, the 1/8 motor-driven airflow agitates contaminants that adhere to machines and tools and collect airborne dust. These dirty particles are then filtered by the device with clean and odorless air.

Compared to other brands, PuriCare 500 is unmatched in filtering particulate dust, sawdust, pet sawdust, and other airborne impurities as small as 0.1 microns. Moreover, the PuriCare 500 is ideal for cleaning polluted air due to its five-micron pre-filter and one-micron medium-effect filter, which complement the function of air filtration systems as dust collectors and workshop vacuum cleaners.

The PuriCare 500 consumes no more than 1.0 amps and can be placed horizontally on a bench or suspended from the ceiling. Additionally, the PuriCare 500 can generate an airflow of 500 CFM at its peak, which can absorb almost all harmful air particles. This highly concentrated airflow is an essential air-cleaning device for wood carving, sanding, turning, scroll sawing, and dust mixing.

Features

• cETL Certified	✓
• 1/8 Low Noise Motor	✓
• Power-On Indicator Light	✓
• 2-Stage Air Filtration System	✓
• Continuous Model	✓
• RF Remote Control	✓
• Three-Speed Control Option	✓
• 26 ft. Range RF Remote	✓
• 5 ft. AC Cord with Cord Management	✓

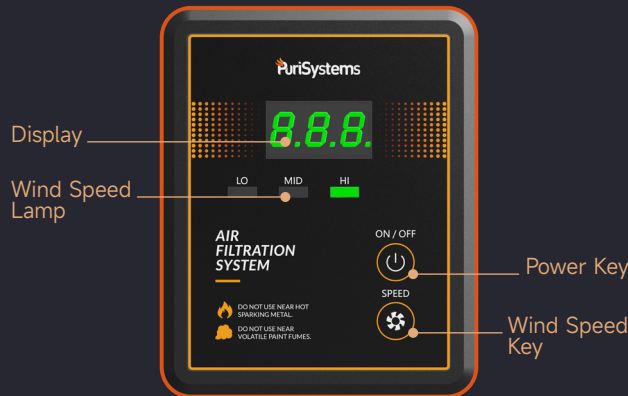
• Not Affected by Temperature	✓
• Automatic Hour Meter Displays Run Time	✓
• Built-In Timer Shuts Down the Device	✓
• Easy Handling	✓
• Smallest Size	✓
• Working Timer	✓
• Two Fixed Installation Structures	✓



Key Design Features

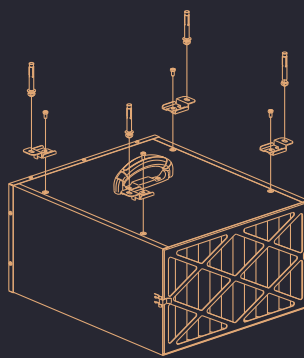
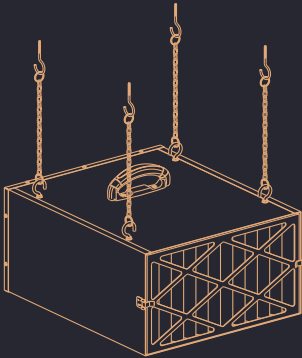
- Greater air circulation speed than the competition, with three speed options: 350, 450, and 500 CFM.
- Directs air into the equipment from problematic corners where machines, tools, walls, and floors meet.
- Protects the respiratory system, reduces harmful chemicals caused by retained dust and artificial wood chips, and prevents carcinogenic complications.
- Long-lasting 1/8 powerful motor, with a maintenance-free bearing motor.
- Limited noise and quiet operation.
- RF remote control, regardless of obstructions, up to 26 ft.
- Lightweight and compact linear sheet metal spray-molded housing that is wipeable and chemical resistant, with cleverly designed buckle handles on both sides.

Control Panel



Two Simple Mounting Approaches

- Method 1: Four eyebolts are suspended from the ceiling.
- Method 2: Screw the machine to the wall with four M4 screws.



Application

PuriCare 500 is widely used and can meet various customer needs. Additionally, it can effectively absorb pollutants from machines, mats, tools, walls, and windowsills, thus reducing dust overflow in the air.

Massive Dust/Sawdust/Metal Processing:

In a poorly ventilated room, workers are prone to a lack of oxygen, which endangers workers' health. Fortunately, PuriCare 500 will maintain a safe environment via the absorption of high levels of air pollutants and subsequently releasing clean air.

Encourages Good Moods:

Not only does the PuriCare 500 improve air quality, but also it improves workers' moods by making the air fresher and the future brighter!

Extract:

PuriCare 500 has a built-in one-micron filter and five-micron pre-filter, which can capture a variety of dust, sawdust, and pet sawdust, among others, with particles above 0.001 mm.

APPLICATION	PuriCare 500
Woodshop	✓
Metal Workshop	✓
DIY Room	✓
Salon	✓
Portable Job Site	✓
Basement Pottery	✓
Studio	✓
Hay Chopping Station	✓

Specifications

Power	115 V / 60 Hz
Current	1.0 A
Size For	Up to 500 sq.ft.
Outer Filter	5 microns
Inner Filter	1 micron
Airflow	350, 450, 500 CFM
Sound Pressure Level	< 61 dBA
Feet	Rubber feet
Cord	5 ft
Weight	25.5 lbs
Dimensions (W × H × D)	20.1 × 17 × 11 in
Loading Quantity	20":308 Sets 40":644 Sets 40"HQ:736 Sets

Replacement Parts

- Switch
- Grill exhaust
- Blades & motors
- Pre-filter
- Medium efficiency filter
- RF remote control