



AIR and WATER SYSTEMS

INDUSTRIAL HUMIDIFICATION • INDUSTRIAL COOLING

PO Box 49276 Charlotte NC 28277 • Off 704-588-2603 • Fax 704 588 2604 www.airandwatersystems.com

AirClean HP

Introducing the latest in the Air & Water Systems
line of high performance air filtration!

\$695

**High
Performance
Air Filtration**



- Powerful 1/3 HP motor!
- New lightweight composite blower wheel.
- 1255 max CFM, 916 CFM filtered airflow!
- Washable electrostatic pre-filter & a spare one!
- RF remote control with speed and timer function.
- Quick and easy, tool-free filter change.
- All welded steel construction.
- Beautiful powder coat finish.



Diffusing filter access door allows for installation of an optional charcoal filter!



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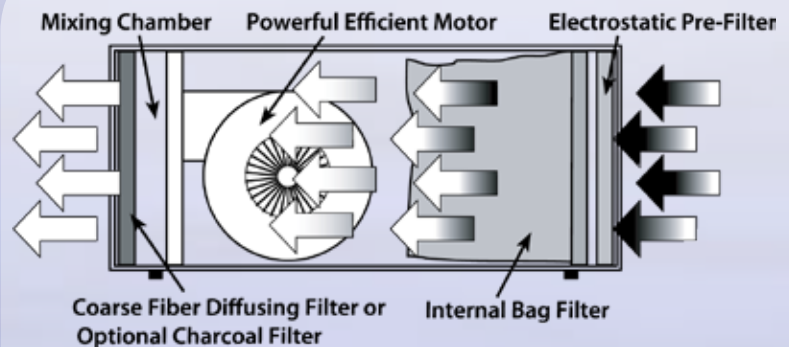
The Air & Water Systems AirClean has been leading the field in air filtration. Now the all new AirClean "High Performance" air filter is setting new standards for performance, value, and features.



The new radio frequency (RF) remote control allows you to operate the AirClean HP from anywhere in the shop, even from an adjacent room. This innovation replaces the old line-of-sight infrared remote control. The convenient RF remote is equipped with three speeds and a timer function that allows you to set a timer for 2, 4, 6, and 8 hour increments. The integral timer function allows you to "set it and forget it."

The powerful 1/3 HP motor combined with the composite blower wheel delivers 1255 max CFM and 916 CFM of filter air! This will clean a 35' x 35' x 7.5' shop in 10 minutes! This new stronger motor has thermal overload protection and consumes only 4 amps of power. That's pennies a day to operate!

The AWS AirClean HP has tool-free filter change that is quick and easy. As always, AWS has more efficient filters than any of the competition! The first stage filter is a washable electrostatic filter that has a 10 year warranty. This filter comes as standard equipment with the AirClean HP! The second stage filter is a MERV 14 per ASHRAE 52.2 bag filter that captures 99% of particles as small as 5 microns and 91% of particles as small as 1 micron in size. In layman's terms, this filter beats the pants off any competition and will provide your shop with the cleanest environment possible. The final filter is the diffusing filter. The unique design of the AirClean HP cabinet allows for a mixing chamber which enables the exiting air to be dispersed across the entire surface area of the diffusing filter. This feature is important in creating the proper airflow patterns necessary for trapping microscopic dust in your shop. The back of the cabinet also has a door that can be opened to allow an optional charcoal filter to be installed. By installing the charcoal filter "downstream" from the particulate-trapping filters, only clean air passes through the charcoal filter, which enhances the performance and extends the life of the activated charcoal.



AirClean HP Specifications

Motor: 1/3 HP - 60 Hz (3 speeds)
Electrical: 110V
Amps: 4
Filtration: 99% 5 Micron 91% 1 Micron
CFM: 1255 Max 916 Filtered Air
Remote: RF (Built-in Timer)
Length: 30"
Width: 24"
Height: 14"
Weight: 60 lbs.
Blower Size: 9.25" x 8.5"
Blower Type: Squirrel Cage (Composite)
Inlet size: 12" x 24"
Decibels: 63 dB
Cabinet: 20 Gauge Steel (welded construction)



The back of the cabinet has a door that opens to access the diffusing filter and mixing chamber. Just unclasp the latches and swing open the door. A charcoal filter can be installed here to trap various odors and chemicals.