

BLADE



**We are leaders in
commercial indoor air quality solutions.**

**We specialize in
creating clean air environments
for businesses and organizations
across all industries.**



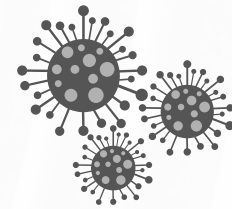
Why invest in Indoor Air Quality?



Offering Peace of Mind



Efficiency Savings



Mitigate Airborne Transmission



Avoid Forced Closures



Increase Productivity



HEPA Air Purifier

HEPA Air Purifier

HCFM-1 



COMPACT

3 ft. tall

SAFE

HEPA & Carbon Filtration

POWERFUL

1,019 CFM

EFFECTIVE

99.97% Removal @ 0.3u



HEPA Air Purifier

HCFM-1 



360° AIR OUTTAKE

Draws untreated air from all areas of the room continuously.

ROBUST INDUSTRIAL DESIGN

Powder-coated with easy to clean, non-toxic, durable protective finish

360° AIR INTAKE

Draws untreated air from all areas of the room continuously.

PORTABLE AND MOBILE

Lockable castors that are smooth and quiet for ease of storage and mobility.



ACTIVATED CARBON FILTER

Absorption of odours, gasses and chemicals found in smoke.

HEPA (A CUBIC FOOT)

Industry-leading True HEPA filter removing 99.97% at 0.3 microns in size.

POWERFUL FAN

Pulling pre-filtered air from below and pushing through HEPA filter.

MERV-8 PREFILTER

Removes large particles such as dust, dirt, and debris.



HEPA Air Purifier (HCFM-1)

TECHNICAL SPECIFICATIONS



AIR CHANGES PER HOUR

6.6 ACH
in 600 sq. ft. area, 8 ft. ceilings
3.3 ACH
in 1,200 sq ft. area, 8 ft. ceilings

ELECTRICAL

Standard 120V Outlet
60Hz
1.9 amps

MOBILITY

Locking casters for
easy storage and placement

AIRFLOW

1,019 cubic feet/min draw
530 cubic feet/minute outflow (CADR)
360 degree air input and output
Side air draw - top air output

DIMENSIONS

Height: 36.5 inches (91.44 cm)
Length/Width: 16 inches (41 cm)

SOUND dBA RATING

6ft: 40-60dBA

HEPA FILTER

~1 cubic foot
Industrial Grade HEPA Filter
HEPA - 99.97%
particulate removal @ 0.3 microns
Minimum 6-month filter life

CARBON FILTER

Pleated filter
12-month filter life

ADDITIONAL FEATURES

Programmable Timer
Variable Fan Speed Control

HCFM-1 Sound Performance Rating



Room Size	Air Changes	CFM Required	Decibel Reading	Ambient dBA
Personal Office 88 sq. ft. (836 cu. ft.)	5.6	78	45	42
	10	139	55	
	20	533	69.5	
Multi-Person Office 425 sq. ft. (3999 cu. ft.)	2	133	45	42
	4	267	50.5	
	6	400	55	
Common Area 1,500 sq. ft. (15,000 cu. ft.)	1.86	465	60	42
	2.13	533	62	

*Measurements taken 6ft from source

RECORDING ROOM SIZE: 3,869ft³ (22ft. x 19ft. x 9ft.)

*In accordance with Blade Air's quality assurance procedures all anemometer airflow readings are taken directly after the carbon filter element.



BLADE

		Austin Air	Surgically Clean Air	Honeywell
HEPA Size	~1 cubic foot HEPA	0.1 cubic feet HEPA	Cylinder HEPA size not disclosed publicly	0.05 cubic feet HEPA
Air Intake	1,019 CFM	250 CFM	406 CFM	250 CFM
Room for COVID safe air changes	1,400 sq. ft.	300 sq. ft.	Not publicly disclosed	250 sq. ft.
Manufactured in Canada	✓	✗	✗	✗

