

HEPA AIR PURIFIER HCFM-1

MADE IN CANADA 

Best-in-class HEPA Air Purifier is the ideal portable air quality solution for commercial spaces. Featuring an industry-leading HEPA filter removing 99.97% particles at 0.3 microns and a pleated activated carbon filter to absorb unwanted odours, gasses, or chemicals.

KEY FEATURES

99.97% Capture of Particulates

Scientifically proven and third-party tested to capture harmful particles, airborne viruses, and bacteria.

1,400 square feet area coverage

Combining high-power fan speeds and medical-grade filtration to clean the air in small-large indoor settings.

Mobile, sleek, and quiet

Plug and play solution, operating at a soft-moderate noise level with locking casters for ease of storage and mobility.

Reduce staff and client anxiety

Creating a clean air environment provides a sense of peace of mind by investing in their protection and safety.

Increase productivity and mental energy

Good indoor air quality is scientifically proven to have significant positive impacts on cognitive function, especially improving productivity levels



BLADE

 bladeair.com

 416-701-0201

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KEY FEATURES

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.

VARIABLE SPEED/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	
	10	139	55	42
	20	533	69.5	
MULTI-PERSON OFFICE 425 sq. ft. (3999 cu. ft.)	2	133	45	
	4	267	50.5	42
	6	400	55	
COMMON AREA 1,500 sq. ft. (15,000 cu. ft.)	1.86	465	60	
	2.13	533	62	42



*Measurements taken 6ft from source
RECORDING ROOM SIZE: 3,869ft³ (22ft. x 19ft. x 9ft.)

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Portable Air Purification Designed to Accommodate All Indoor Settings and Workspaces

TECHNICAL SPECIFICATIONS	HCFM-1	
RECOMMENDED AREA COVERAGE	Rooms up to 1,400 square feet Classrooms, offices, small conference rooms, lobby, examination rooms, waiting areas	
CLEAN AIR DELIVERY RATE	80 up to 530 CFM	
FAN SPEED	1,019 CFM	
AIR CHANGES PER HOUR	6.6 ACH 600 square feet	2.84 ACH 1,400 square feet
PRIMARY FILTER	True HEPA 99.97% @0.3u Third-party tested & validated	
SECONDARY FILTERS	MERV-8 Prefilter	Activated Carbon Filter
SIZE/WEIGHT	50lbs (20kg)	16" x 36.5" x 16" (3 ft tall)
CONTROLS	Variable Fan Speed	
POWER REQUIREMENTS	120V / 1.9 amps / 60Hz	
ELECTRICAL	UL and CSA Standards	
HOUSING MATERIAL	Powder Coated Steel	
WARRANTY	3 Years	

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