Engineering Data

REDEFINING INDOOR AIR QUALITY



🗢 CAPTUKA

WHOLE HOUSE HEPA FILTRATION SYSTEMS

CPH-1000

WHOLE HOUSE HEPA AIR PURIFIER



High Efficiency Quality Filters

for optimal performance of your filtration system



DUCTING FLAIRS[™]

MOUNTING SYSTEM APPLICATION

Carbon Filter Captures and neutralizes tobacco smoke and . cooking odors.

Pre-filter Captures large particles and provides longer life for your HEPA Filter.

HFPA Filter Our High Efficiency Particulate Arresting (HEPA)

Filter uses certified HEPA media only... tested to be 99.97% effective with particles down to 0.3 ppm. The Filter is sealed as a whole, forcing the air

passing through the unit to be directed through the HEPA Pleated filter, assuring maximum filtration and comfort.

German Engineered

motorized impellers



PREMIERONE uses motors that are particularly advantageous in the construction of the PREMIERONE HEPA 500. They are compact and the integration of the motor with the impellers permits ideal balancing of the whole unit. Being mounted in the airstream, the motor is continually cooled, allowing for extended lubrificant life of the bearings.

- Backward-inclined motor blades for high performance at low consumption
- Permanent lubrication of PSC motors
- Mechanical protection of IP44
- Factory balanced
- High airflow efficiency
- Thermally protected
- Steel Ball Bearings Construction

Ducting Flairs ™ mounting system

The PREMIERONE HEPA Plenum Systems are designed for one-person installation. Ducting Flairs™, integrated within the unit installs in 3 easy steps saving time and effort. Simply cut two holes in the return air plenum, align the unit and fold in the Ducting Flairs $^{\rm TM}$ to hold the unit in place. No external ducting is required for the return air plenum mount installation.

Features

 Multi-stage filtration process • 2" Pre-filter / 1/2" Carbon Filter

Model CHP-1000

SHOWN WITH OPTIONAL COLLAR MOUNT KIT

(CMK500)

- 2.5" H.E.P.A. Filter
- Gasketed Filter Rack
- Thermally Insulated Cabinet
- Dual Speed Operation
- Installs on any heating/cooling systems
- Compact Installation
- APP Design
- Backward Inclined Motor Blades
- Permanent Lubrication of PSC Motors
- Ducting Flairs Mounting System
- Modular Construction with Access Door
- Door Safety Switch
- 7 year Limited Warranty on the Motorized Impeller

Easy Maintenance modular construction



Maintaining the PREMIERONE HEPA Filter is a breeze with this modular construction. The Pre-filter/Carbon Filter and the HEPA Filter are assembled in a sealed modular casing that is designed so the filters can be individually removed for easy maintenance and cleaning. The Motor and Electrical Box are mounted in a galvanized steel module that is easily removable for cleaning purposes.

Benefits

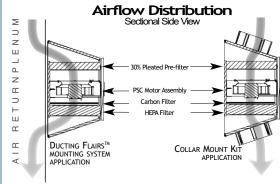
- Improves Air Quality
- Longer lasting! Replace every 6 months (Perfect for service contracts.)
- Lower pressure drop (improved air flow.)
- · No blow-by
- Applicable for Attic Installation. No condensation, quiet operation.
- 220 cfm guiet mode is adeguate for an average size home. 300 cfm for larger homes or accelerated cleaning of air.
- Zero restriction in return plenum
- Maximizes Space
- Whisper-Like Operation
- Superior performance
 - Maintenance-Free Steel Ball Bearings
 - Quick and Simple to Install
 - Easy to Clean and Maintain
 - Extra Convenience
 - Extra safety feature
 - Reliable and Trouble-Free
- Removable Electrical Power Cord

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REDEFINING INDOOR AIR QUALITY

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Why Choose a	SPECIFICAT
HEPA Replacement Filter?	Size (L x W x H)
FILTRATION METHODS COMPARED	Performance
SIZE IN MICRONS Most Health Injurious Sizes	HEPA Filter Size (L)
2% of Pollutants 98% of Pollutants 100 50 10 4 1 0.30 0.09 0.01	HEPA Filter Type
Throwaways Static Electrics Pleated Types	HEPA Filter Life Pre-Filter Size (L.x.) Pre-Filter Type Pre-Filter Life
	Carbon Filter Size (
	Carbon Filter Type
Electrostatic Precipitator	Carbon Filter Life
Polarized Media Air Cleaner 97% of particulate at 0.3 microns can be collected within 10 hours.	Voltage
Can collect the entire range of particulate down to 0.01 microns.	Amperage
CPH1000 True HEPA Air Cleaner A true HEPA must arrest 99.97% of particulate at 0.3 microns.	Power Consumption
Can collect the entire range of particulate down to 0.01 microns.	Certification
WE OFFER THE TWO BEST SOLUTIONS FOR CONTROLLING INDOOR AIR POLLUTION	
	APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION
Dimensions and Clearances	
Return Plenum Installation Return Plenum & Stand Alone Installation with Collar Mount kit	do ver
Side View Front View Power Connection (227) (227) (137) - (137) - (177) - (177)	home Optic for model H CMK500 C Includes: • Two 8 inch plasti • Mounting hardwa • Installation, oper maintenance ma

PECIFICATIONS	Model HEPA HP500
re (L x W x H)	13" x 17" x 22"
rformance	220/300 CFM
:PA Filter Size (L x W x H)	12'x 16" x 2.5"
PA Filter Type	100% synthetic polyester and polypropylene materials
PA Filter Life	2 years
e-Filter Size (L x W x H)	12" x 16" x 2"
e-Filter Type	Paper
e-Filter Life	6 months
rbon Filter Size (L x W x H)	12" x 16" x 5/8"
rbon Filter Type	Media Pad
rbon Filter Life	6 months
ltage	120 VAC @ 60 Hz
nperage	1.5A
wer Consumption	112 W Low 140 W High
rtification	_C CSA _{US}



sign

RONE HEPA Systems are manufactured to the «Advanced Pull and Push Design» at offers a double sound barrier. The notor pulls the air through the pleated carbon and HEPA Filter which acts as louble sound attenuator. This process is ery quiet and provides better whole ne comfort.

onal Accessories HP500

Collar Mount Kit stic collars ware peration and manual