



MODEL GSFH1K

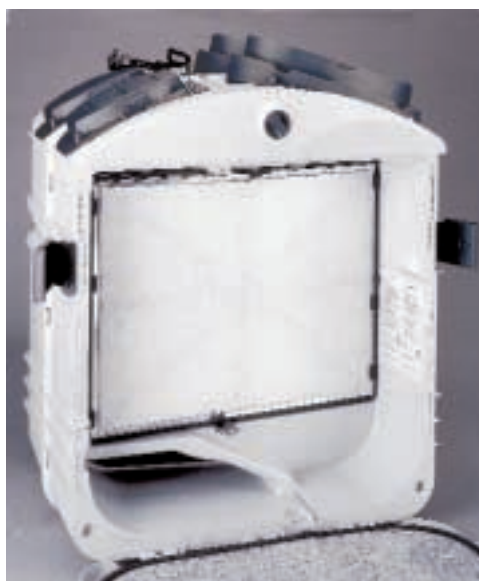
HEPA FILTRATION FOR THE ENTIRE INDOOR ENVIRONMENT

The GuardianPlus™ Air System from Broan-NuTone represents a line of whole-house filtration products featuring patent pending technologies and manufacturing processes. GuardianPlus™ Air Systems feature HEPA* filtration designed to make a significant improvement in your indoor air quality and comfort in residential spaces.

Take advantage of eight "revolutionary" pending patents delivering Indoor Air Quality setting the industry standard for optimal indoor air quality & comfort. Our GuardianPlus™ Air Systems offer the following specific features and benefits:

Control

The GSFH1K is very simple to operate: once installed, simply turn the switch (located on the front panel of the unit) to the "normal" setting and use the wall control to select the operation mode (Off, Normal or Boost). This control is equipped with filter maintenance indicators to remind you when it is time to change the HEPA and pre-filters.



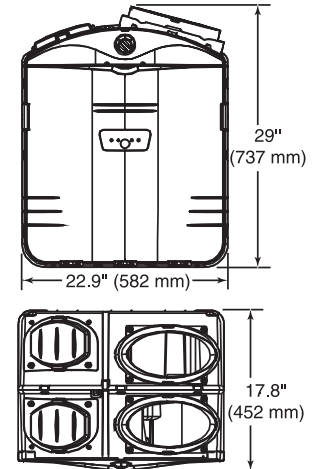
HEPA filtration 270 cfm (459 cubic meters/hr.)

FEATURES	BENEFITS	MODEL GSFH1K
HEPA Filtration System	<ul style="list-style-type: none"> • True HEPA filter with a 99.97% efficiency on particles $\geq 0.3\mu\text{m}$. • Airborne particles trapped by our HEPA filter include: <ul style="list-style-type: none"> • Pet Dander • Dust • Pollen • Fungal spores • Mold Spores • Bacterial spores • Airborne dust mites/cockroach fecal antigens and proteins • Pre-filter with a >90% efficiency on 3.0 – 10μm size particles which extends the life and performance of our HEPA filter. 	
True HEPA Filtration for the Entire Indoor Environment	<ul style="list-style-type: none"> • True HEPA filter media • 270 cfm (459 m³/hr) of True HEPA filtered air 	
Installation Ready	<ul style="list-style-type: none"> • Installs in less then three hours • Installation kit included (ducting not included) • Integral AirSnap™ snap-on duct ports; facilitate rapid installation and eliminates air leakage. • Lightweight with integrated carrying handles • Unit allows for vertical or horizontal installation 	
Designed for serviceability	<ul style="list-style-type: none"> • Self-lubricating motor needs NO service! • FilterGlide™** system, ensures trouble free prefilter and HEPA filter replacement • Filters are changed in less than five minutes! 	
Owner interface	<p>Electronic, low voltage owner interface ensures:</p> <ul style="list-style-type: none"> • No high voltage wiring, no electrician required • LED indication of the products mode of operation • LED indication of filter alert logic facilitates owner filter maintenance to ensure peak indoor air quality, comfort and system efficiency, which extends the product motor life • LED indication of wiring errors facilitate installation • Remote control (no need to go to the mechanical room or attic) of the systems filtration operating modes including; normal, and boost modes 	
Agency Approvals or Certifications	<ul style="list-style-type: none"> • UL listed 	
Warranty	<ul style="list-style-type: none"> • Fully protected by a 2-year warranty on all parts. (See manufacturer warranty for complete details) 	

*HEPA- High Efficiency Particulate Air
** = Patent Pending

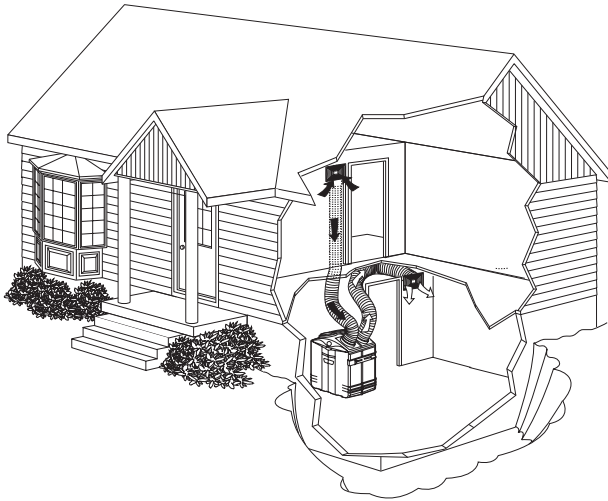
TECHNICAL SPECIFICATIONS		MODEL GSFH1K
		Designed for (Numbers published)
Voltage (power requirements)	120 V ac	
Frequency	60 hz	
Power consumed		
Normal Mode	132W	
Boost Mode	170W	
Dimensions Height x Length x Depth	29" x 22.9" x 17.8" (737 mm x 582 mm x 452 mm)	
Weight	35 lbs (15.9 kg)	
Shipping weight	48 lbs (21.8 kg)	
Materials (enclosure & insulation)	ABS & EPS	
Agency compliances	UL	
AIR-FLOWS (where applicable)		
Stale indoor air drawn from the space (8" duct)	270 CFM high speed (459 cubic meters/hr)	
	180 CFM low speed (306 cubic meters/hr)	
Filter/Fresh Air distributed to the indoor space (8" duct)	270 CFM high speed (459 cubic meters/hr)	
	180 CFM low speed (306 cubic meters/hr)	
FILTER EFFICIENCY		
Normal mode	99.97% ≥ 0.3 micron @ 180 cfm (306 m³/hr)	
Boost mode	99.82% ≥ 0.3 micron @ 270 cfm (459 m³/hr)	
UNIT EFFICIENCY (FILTRATION)		
Normal mode	> 87% @ 0.3 micron	
Boost mode	> 85% @ 0.3 micron	

DIMENSIONS



INSTALLATION

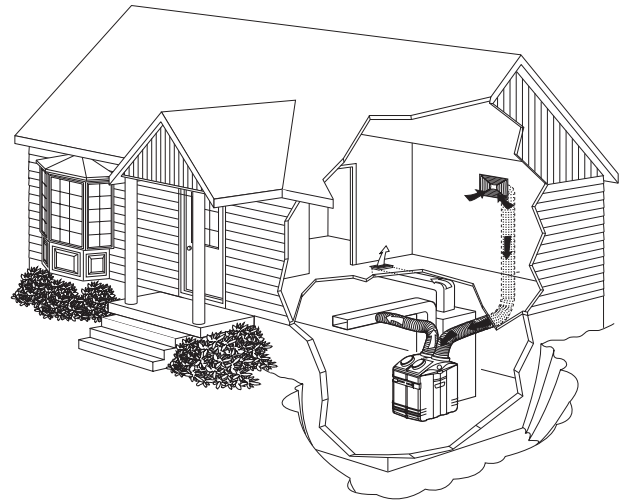
STAND - ALONE



(For homes with no HVAC equipment, radiant hot water, electric baseboard heating or when integration with existing HVAC equipment is not desired.)

Stale air is drawn to the unit by the register located at the highest level of the house. Filtered air is supplied in principal living area, by the register located at the lowest level.

CENTRAL DRAW/FURNACE RETURN

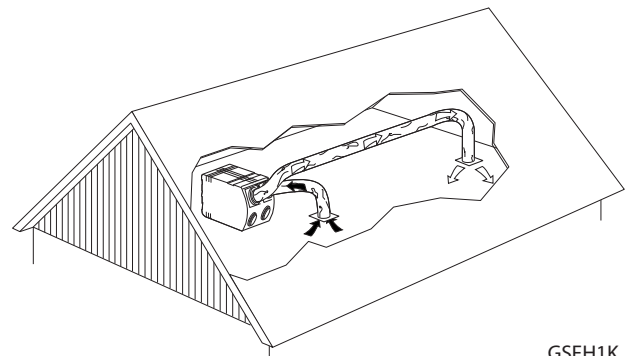


(For homes with forced air systems.)

Stale air is drawn to the unit by the register located at the highest level of the house. Filtered air is supplied to the cold air return (plenum) of the furnace, or air handler.

ATTIC INSTALLATION

As a stand-alone system independent of any HVAC equipment or in conjunction with equipment already located in the attic space. Ideal for attics that have easy access for maintenance of equipment. Suitable for hot and cold climates. Requires no provision for drain. Stale air drawn to the unit by the register located in the ceiling. Filtered air is pulled to principal living area farthest away from pick-up point to maximize air turn over rate and diffusion.



ORDERING INFORMATION:

A large, empty rectangular box with a thin black border, intended for providing ordering information.

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