

GSEH3K

BROAN
FRESH AIR SYSTEMS

Whole-house HEPA Filtration + Fresh Air + Sensible and Latent Energy Recovery = Best IAQ



Product

- Fully integrated whole-house HEPA filtration with fresh air ventilation and energy recovery – unit slows the moisture transfer between the outdoor-indoor making it a great solution for areas with high moisture content
- One simple-to-install and simple-to-use unit; eliminates need for multiple, individual room units
- Allows homeowners to benefit from fresh air, cleaned with the best available HEPA filtration technology (99.97% efficiency at particles 0.3μ)
- Unit also removes stale air from the house with an energy recovery process that addresses sensible and latent heat



Ideal For

- Single-family houses in humid areas
- Houses up to 6,000 sq. ft. that need to remove stagnant air generated from off-gassing carpets, sealing agents, chemicals, and daily activities
- Controlling pollen, dust and other particles



Features

- Whole-house High Efficiency Particle Arrestment (HEPA) filtration
- Easy to install with a patented tandem "Y"-shaped transition with only a single outdoor outlet
- Easy-to-use wall switches for unit control
- Installation ready, installation kit included; allows for horizontal or vertical installation



Benefits

- Keeps house free of dust and allergen material as small as 0.3 microns.
- Stale air is exhausted out and fresh air is drawn in simultaneously without risk of contamination.
- 3 products for the price of 1: An affordable way to have whole-house HEPA filtration, fresh air ventilation, and energy recovery.

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GSEH3K Specifications

Voltage:	120 V AC
Frequency:	60Hz
Dimensions:	29.4 x 22.9 x 17.8
Weight:	50 lbs
Shipping Weight:	62 lbs
Warranty:	2 years, parts
HVI Rated of air flow:	105 CFM
Power Consumed (max):	232 Watts
Low mode:	170 Watts
High mode:	232 Watts
Recirculation mode:	165 Watts
Supply air duct connections:	5" or 6"
Exhaust air duct connections:	8"
Filter:	HEPA
Cabinet:	ABS & EPS
Mounting:	Suspension by chains and springs
Wall control modes:	Normal, Boost, and Recirculation
Power:	152 Watts
Current:	2.0 Amps



Energy Performance

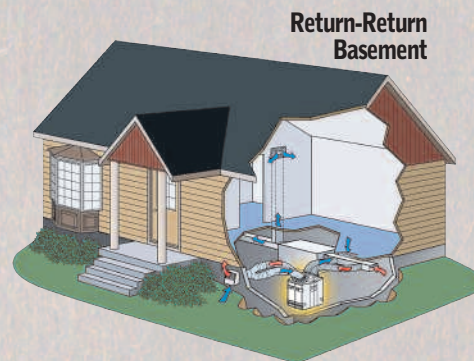
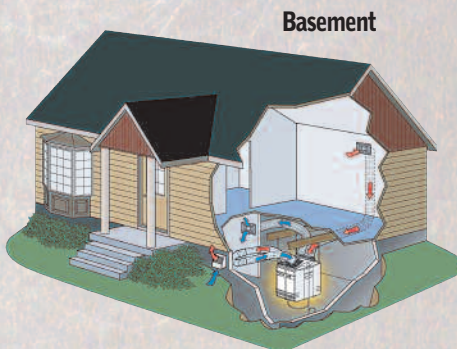
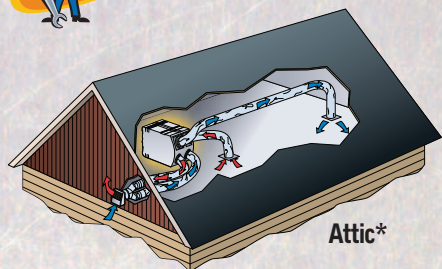
		65 cfm	70 cfm	95 cfm	105 cfm
		5"-L sp	6"-L sp	5"-H sp	6"-H sp
Heating 32° F/0° C	Apparent Sen Eff	70%	69%	69%	69%
	Latent/Moisture Eff	44%	44%	43%	46%
	Total Rec Eff	61%	61%	60%	60%
Heating 0° F/-17.7° C	Apparent Sen Eff	70%	69%	69%	69%
	Latent/Moisture Eff	44%	44%	43%	46%
	Total Rec Eff	63%	63%	62%	62%
Cooling 95° F/35° C	Apparent Sen Eff	67%	67%	65%	63%
	Latent/Moisture Eff	41%	40%	36%	33%
	Total Rec Eff	50%	49%	45%	43%

Ventilation Performance Gross Airflow

External Static Pressure	Net Ventilation Airflow	Fresh Air				Exhaust		Recirculation		Average Power Watts
		Pa	In. W.g.	L/s	cfm	L/s	cfm	L/s	cfm	
50	0.2	57	122	50	105	59	125	127	270	227
100	0.4	53	113	48	102	55	117	120	254	224



Installation Options



*Contact your Broan sales representative for information on attic installation requirements.



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