

FROM THE LEADER IN
INDOOR AIR QUALITY



Earn tax incentives with code compliant solutions that help meet ENERGY STAR[®] requirements.

There's close alignment between reference home infiltration rates in the ENERGY STAR[®] certified new home program and the 2021 IECC.

Three things you need to know.

- 1 ENERGY STAR[®] requires an energy rating index (ERI) score better than that of a reference home.** The reference home requires modeling infiltration rates of:
 - 4.0 ACH50 in Climate Zones 1 & 2
 - 3.0 ACH50 in Climate Zones 3 & Above
- 2 2021 IECC requires selection of an energy efficient package**
 - Optimize the return on investment by selecting option R408.2.5
 - Leverage the close alignment in the ACH50 infiltration rate
- 3 Earn 45L tax credits***
 - ENERGY STAR[®] program = \$2,500
 - Zero Energy Ready Home = \$5,000
 - Market healthier, energy efficient homes

* Terms and conditions for tax credit are dependent on federal and state laws and regulations and are subject to change.

Get optimal energy recovery, maximum savings and comfort—all while maintaining your property integrity and value.



To comply with 2021 IECC, an additional energy efficiency package must be chosen from Section 408.

With alignment in infiltration rate requirements, maximize your investment by improving the building envelope and leveraging option R408.2.5.

The R408.2.5 improved air sealing and efficient ventilation system option.¹

The measured air leakage rate shall be less than or equal to 3.0 ACH50, with either an Energy Recovery Ventilator (ERV) or Heat Recovery Ventilator (HRV) installed. Minimum HRV and ERV requirements, measured at the lowest tested supply airflow, shall be greater than or equal to 75 percent Sensible Recovery Efficiency (SRE), less than or equal to 1.1 cubic feet per minute per watt (0.03m³ /min/watt) and shall not use recirculation as a defrost strategy. In addition, the ERV shall be greater than or equal to 50 percent Latent Recovery/Moisture Transfer (LRMT).



Self-Adjusting Smart Technology

VIRTUO is the first AI technology designed exclusively for ventilation systems. It delivers superior air quality year-round, in all weather conditions. By continually monitoring indoor and outdoor conditions, VIRTUO adjusts the operating mode automatically to deliver the optimal amount of fresh air for a comfortable indoor environment, all with minimal energy consumption.

Superior Filtration. More comfort.

With standard, high-grade MERV 8 filters, AI Series filtration surpasses all competitors by capturing lint, dust, pollen, dust mites, debris and spores. Upgrade to MERV 13 filtration for more powerful filtration.

Quiet, Energy-efficient Motors

PMSM ECM motors provide up to 60% energy savings compared to competitive units. Powerful and durable, these motors are built for reliability.

BROAN AI SERIES MODEL SPECIFICATIONS

MODEL	B150E75NS → B150E75NT ↑	B150H75NS → B150H75NT ↑
Recovery Type	ERV	HRV
CFM at 0.2" W.G.	136	150
CFM at 0.4" W.G.	127	140
CFM/Watt	1.9 (66 CFM) 1.1 (125 CFM)	2.3 (64 CFM) 1.3 (120 CFM)
SRE at 32°F	75%	75%
ASRE	79%	78%
Latent Recovery/ Moisture Transfer	67% (66CFM)	—
Defrost Strategy	Non-Recirculation	
Filtration	MERV8 (included) / MERV 13 (optional)	
Port Configuration	Ø5" Round, Side or Top	
Dimensions (H x W x D)	Side Ports: 19-1/8" x 23-1/2" x 16-1/8" Top Ports: 21-1/2" x 21" x 16-1/8"	

→ Side Ports // ↑ Top Ports



¹ <https://codes.iccsafe.org/content/IECC2021P2/chapter4-re-residential-energy-efficiency>



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