



Broan Light Commercial ENERGY STAR® Ventilation Fans may be used as a single-point solution, or configured with multiple ventilation drop points in an inline solution.

Meet codes and standards with Light Commercial ENERGY STAR® Ventilation Fans.

We take 25,000 breaths every day. Many of those at home, but perhaps even more at work, while shopping, in the grocery store and countless businesses we frequent every day. That's why Broan-NuTone is committed to improving indoor air quality in every commercial and light industrial space with powerful and energy-efficient exhaust ventilation solutions. Rely on Broan Light Commercial Ventilation Fans to deliver code-compliant and ENERGY STAR® certified indoor air quality solutions.

Choose the right ENERGY STAR® commercial ventilation solution confidently.

Many mechanical ventilation requirements and energy codes are confusing, which can make specifying the right product challenging. We developed a selection methodology and product suite to simplify everything.

Understanding key codes and certifications.

Mechanical engineers regularly design to and take into consideration ASHRAE 90.1, IECC-C and IMC requirements.

ASHRAE 90.1 (American Society of Heating, Refrigerating and Air-Conditioning Engineers)

Governing energy standard for mid- to high-rise commercial, or industrial buildings. With motors less than or equal to 1/12 HP, new L100E–L300E and L100EL–L300EL models will comply, as do current Broan L100–L300 models.



Fan Motor Capacity

Nameplate HP
Input Power



HP Rating
≥ 1/12 HP
OR
Input Power
≥ 180W

EC Motor
Required
OR
Motor Efficacy
≥ 70%¹

Yes No

No Mandatory Requirement

Motor Type
Minimum Fan Efficacy
Threshold for the
Application



AMCA Certified (Air Movement and Control Association)

Air and sound certification required to comply with IMC code.



IMC (International Mechanical Code)

Minimum regulations for the safety of heating, ventilation, and air conditioning systems.

¹ In accordance with DOE 10 CFR 431 as per ASHRAE 90.1 section 6.5.3.6

IECC-C (International Energy Conservation Code—Commercial)

Primary energy code for commercial applications that meet the same CFM/watt requirements as the ENERGY STAR® standard. New Broan L100E–L300E and L100EL–L300EL models meet this CFM/watt requirement, as well as ENERGY STAR® and its sones requirement.



Ceiling Mount OR Inline Application

Traditional Ceiling Mount Application Air Flow/Efficacy²

< 90 CFM/2.8 CFM/W
≥ 90 to ≤ 200 CFM/3.5 CFM/W
> 200 CFM/4.0 CFM/W

Inline Application Efficacy^{2,3}

3.8 CFM/W



HVI Certified

Tested and certified to specific industry standards. Required to be ENERGY STAR® certified.



ENERGY STAR® Certified

The trusted, EPA symbol for energy efficiency with the same CFM/watt requirements as the IECC-C standard.

² Minimum Fan Efficacy based on rated airflow at one or more rating points. Tested in accordance with HVI 916 and listed

³ Inline application without filtration that could affect airflow



cULus Listed

Tested to Canadian and US standards by Underwriters' Laboratories.



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