Flex DC™

Most flexible.
Most efficient.

The Flex DC™ was built to give you what matters most.

- Selectable DC motor allows right-sizing ventilation for any size room.
- 50% more airtight than standard ventilation fans to help meet rigorous codes and standards.
- Snap-fit Flange Kit will cover the edges of the cutout for a more professional finish and a tighter, leak-free seal.
- Quiet fan operation that has a sone level less than 1.0 at all CFM speeds.

ENERGY STAR

Made in USA
of US & Imported Parts

Flex DC™ simplifies the way you work.

Efficient Brushless Motor Design

Our new brushless DC motor is 1/3 the size of a standard fan motor.

• Smaller size provides more room to move air more quietly.
• Brushless DC motor design lasts longer than standard motors.
• Lighter weight simplifies overhead installation.

Twice the ENERGY STAR® Efficiency Standard

Flex DC™ continues to save money long after installation. The brushless DC motor achieves 90% efficiency so you can feel good about letting it run while keeping the air more comfortable.

Flex DC™ at a glance

• Choose fan or LED fan/light models with or without Sensaire® humidity sensing technology.
• Sensaire® Sense on Rise technology on fan model AE50110DCS and fan/light model AE50110DCSL.
• Dimmable, Title 24 compliant LED lighting on the AE50110DCL and AE50110DCSL.

• TrueSeal™ damper technology creates an airtight seal from inside the housing.
• 4" round duct connector compatible with any Broan duct increaser.
• UL Listed for use over bathtub or shower when connected to a GFCI protected branch circuit.
• Type IC, fits 2" x 6" and larger construction.

NEW Snap-fit Flange Kit

Both new construction installation and retrofit upgrades just got easier. Add the flange by simply snapping it on the side of the fan housing or go flangeless.
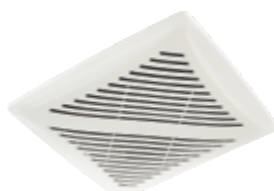
Switch between 50, 80 or 110 CFM

You'll have fewer fans to inventory and the right size at installation. Switch the CFM to meet room requirements as well as ASHRAE 62.2 for spot and dwelling unit ventilation.

Flex DC™ Specifications

Model	Description	Selectable CFM	Sones at 50 CFM	Sones at 80 CFM	Sones at 110 CFM
AE50110DC	FAN	50–80–110	<0.3	0.4	0.9
AE50110DCL	FAN WITH LED LIGHT	50–80–110	<0.3	0.4	0.9
AE50110DCS	HUMIDITY SENSING FAN	50–80–110	<0.3	0.4	0.9
AE50110DCSL	HUMIDITY SENSING FAN WITH LED LIGHT	50–80–110	<0.3	0.4	0.9

DC   DCS   DCL/DCLS

Flex DC™   UP TO 50% LESS AIR LEAKAGE*

STANDARD FAN HOUSING

CFM   0   10   20   30

*THAN STANDARD FAN HOUSINGS

BROAN®

Broan.com

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