BROAN®

Flex DC™ SERIES

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.

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	80 CFM	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®

ENERGY STAR

Made in USA of US & Imported Parts

The control your fan needs to ventilate smarter.

The perfect control switch is a beautiful finishing touch, and our attractive options provide the speed, sensing and control needed for any spot ventilation solution. Sleek styles in bright white complement all designs and color palettes. All you need is the faceplate to match your décor. Installation is simple, and the results will help you breathe easy.

Single-Function Control

Model 69W

- Single Function
- Ideal for use with fan only models
- 120V, 15 amps
- Available in White

Humidity Sensing Controls

Sensaire™ Humidity Sensing Switch
Models 82A*, 82W*

- Turn any ventilation fan into a humidity-sensing solution
- Up to 4X faster humidity sensing than the competition
- Helps reduce mold and mildew to improve indoor air quality
- Three easy-to-program modes: Auto Sense Mode, Duty Cycle Mode & RH% Humidistat mode
- Rated 120V at 60Hz, max total of 9 amps/switch
- Available in Ivory (V) or White (W)

Digital Dehumidistat
Model DD500W*

- Turn any ventilation fan into a humidity-sensing solution
- Reduce mold and mildew to improve indoor air quality
- Precision control enables desired humidity level to start the fan
- LED indicates fan on/off status
- Rated 120V at 60Hz, max total of 9 amps/switch
- Replaces obsolete model DH100W

NEW

Two-Function Control
Model P2RW*

- Two rocker switches control any two functions: fan, light, heater or nightlight
- Save space, conveniently fitting in a single gang box
- Simple installation saves time and money
- Rated 120V at 60Hz, max total of 15 amps/switch
- Replaces obsolete models: 269VL, 269WL, 68V, 68W, P68W, P68WN

NEW

Three-Function Control
Model P3RW*

- Control multiple applications from a single, central location
- Control any exhaust fan, fan/light or heater/fan/light
- Save space, conveniently fitting in a single gang box
- Simple installation saves time and money
- Rated 120V at 60Hz, max total of 15 amps/switch
- Replaces obsolete models: 66V, 66W, P66V, P66W, P66WN

Four-Function Control
Models 77DV, 77DW

- Single switch provides three settings for fan sensor (On-Auto-Off) for sensing fan models
- Remaining two switches for light/nightlight
- Ideal for use with heater/fan/light/nightlight units
- Available in Ivory (V) or White (W)

Precisely control the ventilation in your bathroom or indoor environment to mitigate mold and moisture issues from improper use of exhaust fans. Make Sensaire™ your first choice in smart ventilation.

NEW

Occupancy Sensor
Model MS100W

- Turn fan on/off when motion is sensed or stops
- Set fan/light runtime after motion stops
- Detect motion in rooms up to 900 square feet
- Sense motion up to 35 feet away
- Save energy by operating the fan/light only when motion is detected
- Rated 120V at 60Hz, max total of ½ HP, 300W LED/CFL, 600W incandescent

NEW

Speed Control
Model SC100W*

- Turns any PSC or AC fan into an adjustable-speed fan
- Control sound levels by adjusting fan speed and CFM power
- Adjust fan speed precisely to bathroom ventilation needs to save energy
- Rated 120V at 60Hz, max total of 3 amps/switch
- Replaces obsolete models: 277V, 57V, 57W, 75V, P57W, P57WN

NEW

60 Minute Countdown Timer
Model CD60W*

- Set countdown timer to 20, 40 or 60 minutes
- Can also be set to run continuously
- Save energy—countdown timer ensures the fan always turns off
- LED indicates run-time remaining
- Rated 120V at 60Hz, max total of 9 amps/switch
- Replaces obsolete models: 59V, 59W, 61V, 61W, 62W, 63V, 63W, 71V, CFT12WH, P59V, P59W, P59WN, P61WN, VS63WH, VS66WH, VS67WH, VS68WH, VS69WH

NEW

Delay Off Timer
Models DT100W*

- Use the 'delay' setting under the switch plate to ensure proper bathroom ventilation by keeping the fan running for 5 to 60 minutes after you leave
- Use the 'ventilation' setting to meet code requirements by ventilating the bathroom for a predetermined amount of time every hour
- User adjustable settings can be changed as much as desired until the perfect setting is found
- Designed to meet ASHRAE 62.2 and CalGreen Title 24 codes for continuous ventilation
- Rated 120V at 60Hz, max total of 6 amps/switch
- Replaces obsolete models: 64V, 64W

* Faceplate not included

Broan		69W	P2RW	P3RW	77DV, 77DW	82A, 82W	DD500W	MS100W	SC100W	CD60W	DT100W
Ventilation Fans	670, 671, 688, 689	•				•	•	•	•	•	•
	E050, E070	•				•	•	•	•	•	•
	LP80, LP110	•				•	•	•	•	•	•
	LP50100DC	•				•	•	•		•	•
	AE50, A80, A80HD, AE80, AE80B, A110, AE110, AE80K, AE110K	•				•	•	•	•	•	•
	AE80S, AE110S	•	•					•	•	•	•
	AE50110DC	•				•	•	•		•	•
	AE50110DCS	•	•					•		•	•
	QTXE080, QTXE110, QTXE150	•				•	•	•	•	•	•
	QTXE110S	•	•					•	•	•	•
	QTXE110150DC	•				•	•	•		•	•
	QTXE110150DCS	•	•					•		•	•
	RB80, RB110	•				•	•	•	•	•	•
	XB50, XB80, XB110	•				•	•	•	•	•	•
	XB110H	•	•					•		•	•
	ZB80, ZB110	•				•	•	•		•	•
	ZB80M, ZB110M	•	•			•	•			•	•
	ZB110H	•	•					•		•	•
Ventilation Fan/Lights	657, 678, 679, 696, 751, HD80L	•	•			•	•	•	•	•	•
	750		•	•		•	•	•	•	•	•
	744, 744LED, 744L, 744RL	•	•			•	•	•	•	•	•
	A50L, A70L, A80L, AE80L, AE80BL, A110L, AE110L, AE80LK, AE110LK	•	•			•	•	•	•	•	•
	AE80SL, AE110SL		•	•				•	•	•	•
	AE50110DCL	•	•			•	•	•		•	•
	AE50110DCSL		•	•				•		•	•
	770RLTK, AR80LWH, AER80LWH, AER110LTK, AER110LBN	•	•			•	•	•	•	•	•
	AER110SLW		•	•				•	•	•	•
	QTXE080FLT, QTXE110FLT, QTXE150FLT		•	•		•	•	•	•	•	•
	QTXE110150DCL	•	•			•	•	•		•	•
	QTXE110150DCSL		•	•				•		•	•
	RB80L1, RB110L1	•	•			•	•	•	•	•	•
	XB50L1, XB80L1, XB110L1	•	•			•	•	•		•	•
	XB110HL1		•	•				•		•	•
	ZB80L1, ZB110L1	•	•			•	•	•		•	•
	ZB80ML1, ZB110ML1		•	•		•	•			•	•
	ZB110HL1		•	•				•		•	•
Heater/Fan/Lights	765H80LB, 765H110LB		•	•		•	•	•	•	•*	
	100HL, 100HFL		•	•		•	•	•	•	•*	
	161	•						•		•	
	162		•			•	•	•	•	•	•
	163	•						•		•	
	164		•			•	•	•		•	
	655		•	•		•	•	•	•	•*	
	656		•					•		•*	
	658		•			•	•	•	•	•*	
	659		•	•		•	•	•	•	•*	
	QTX110HL, QTX110HFLT			•	•	•	•	•	•	•*	

*The CD60W will work with these heater/fan/lights if the heater is wired to a separate rocker switch

NuTone		69W	P2RW	P3RW	77DV, 77DW	82A, 82W	DD500W	MS100W	SC100W	CD60W	DT100W
Ventilation Fans	695, 696N	•				•	•	•	•	•	•
	EZ80N, LPN80	•				•	•	•	•	•	•
	AEN50, AEN80, AEN80B, AN110, AEN110, AERN80K, AERN110K	•				•	•	•	•	•	•
	QTXEN080, QTXEN110, QTXEN150	•				•	•	•	•	•	•
	RN80, RN110	•				•	•	•	•	•	•
Ventilation Fan/Lights	668RP, 763, 763N, 8664RP, HB80RL	•	•			•	•	•	•	•	•
	8663RP		•	•		•	•	•	•	•	•
	744NT, 744LEDNT, 744RNL	•	•			•	•	•	•	•	•
	AN70L, AN80L, AEN80L, AEN80BL, AN110L, AEN110L, AERN80LK, AERN110LK	•	•			•	•	•	•	•	•
	AERN110DCSL		•	•			•			•	•
	770RNLTK, AERN80LWH, AERN110LTK	•	•			•	•	•	•	•	•
	AERN110SLW		•	•			•	•	•	•	•
	QTXEN080FLT, QTXEN110FLT, QTXEN150FLT		•	•		•	•	•	•	•	•
	QTNLEDA, QTNLEDB		•	•		•	•	•	•	•	•
	RN80L, RN110L	•				•	•	•	•	•	•
Heater/Fan/ Lights	765H80L, 765H110L		•	•		•	•	•	•	•*	
	765HL, 765HFL		•	•		•	•	•	•	•*	
	605RP		•			•	•	•	•	•*	
	665RP		•	•		•	•	•	•	•*	
	9412D	•						•		•	
	9417DN		•			•	•	•	•	•	•
	9422P	•						•		•	
	9427P		•			•	•	•	•	•	
	9093WH, QT9093WH				•						
	QTXN110HL, QTXN110HFL		•	•	•	•	•	•	•	•*	

*The CD60W will work with these heater/fan/lights if the heater is wired to a separate rocker switch

Feel the difference with Broan-NuTone.   Learn more about home ventilations we have.