

To build a code-compliant home, understand today's ventilation requirements.

The American Society of Heating, Refrigeration and Air Conditioning Engineers set the ventilation standard for low-rise residential buildings with ASHRAE 62.2. It established the minimum standard for spot ventilation of bathrooms at 50 CFM delivered airflow at 3.0 sones or less, and specifies requirements for whole-house ventilation at a max sound rating of 1.0 sone for ventilation fans.

Use these tables to find whole-house solutions that help meet ASHRAE 62.2.

Fan Series	Model	CFM	Sones	Page No.
ULTRA Green® Multi Speed	ZB80	80	<0.3*	18
	ZB80M	80	<0.3*	17
	ZB110	110	<0.3	18
	ZB110H	110	<0.3	17
ULTRA Green® Single Speed	XB50	50	<0.3	18
	XB80	80	<0.3*	18
	XB110	110	<0.3	18
ULTRA Pro®	RB80	80	<0.3	19
	RB110	110	0.6	19
QTXE™	QTXE080	80	0.3	14
	QTXE110	110	0.7	14
LoProfile	LP80	80	1.0	31
Flex Series™	AE50	50	0.5	11
	AE80K	80	0.7	11
	AE110	110	1.0	11
	AE110K	110	1.0	11

Fan/Light Series	Model	CFM	Sones	Page No.
ULTRA Green® Multi Speed	ZB80L1	80	<0.3*	18
	ZB80ML1	80	<0.3*	17
	ZB110L1	110	<0.3	18
	ZB110HL1	110	<0.3	17
	ZB110ML1	110	<0.3	17
ULTRA Green® Single Speed	XB50L1	50	<0.3	18
	XB80L1	80	<0.3*	18
	XB110L1	110	<0.3	18
ULTRA Pro®	XB110HL1	110	<0.3	17
	RB80L1	80	<0.3	19
Flex Series™	RB110L1	110	0.8	19
	AE80LK	80	0.7	10
	AE110LK	110	1.0	10

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates



*With 6" duct (0.3 sones with 4" duct)

Saving energy saves tomorrow by protecting our resources. We are honored to have received the ENERGY STAR® Sustained Excellence Award.



With CODE-KEY, select compliant ventilation solutions with confidence.

- Choose state, home size facts and user preferences
- Get recommended ventilation products instantly
- Change parameters to see a range of options
- Open a browser on any device and go—it's easy



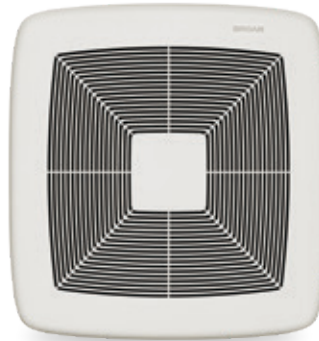


General Features & Benefits

- Extremely quiet operation with innovative sound reduction technologies
- QStream™ technology features airflow-smoothing baffles to reduce turbulence
- Optional RDFU Premium Radiation Damper Kit available for RB models



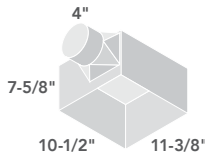
RB80L1, RB110L1



RB80, RB110

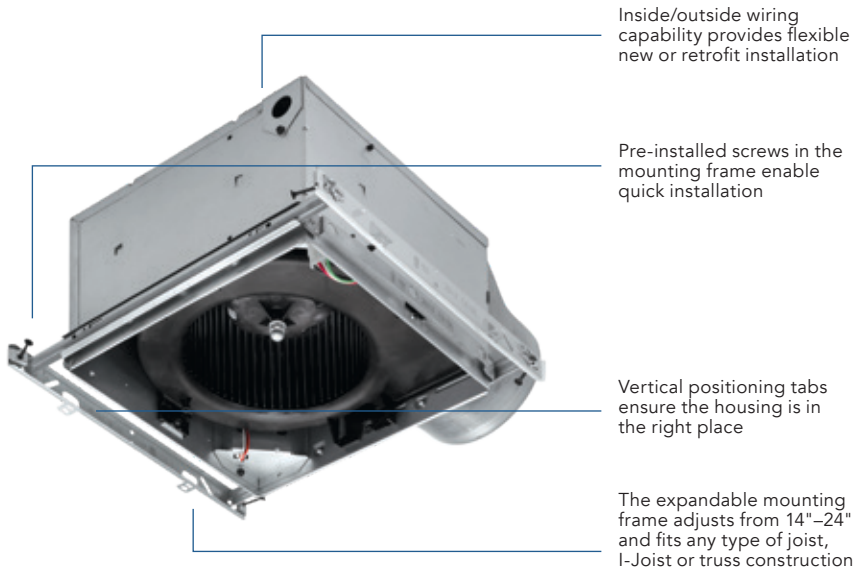
Broan Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
RB80L1	80	<0.3	LED	4	Yes	Yes	13¾ x 14¼
RB110L1	110	0.8	LED	4	Yes	Yes	13¾ x 14¼
RB80	80	<0.3	—	4	Yes	Yes	13¾ x 13
RB110	110	0.6	—	4	Yes	Yes	13¾ x 13

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates



ULTRAQUICK®
INSTALLATION TECHNOLOGY

ULTRA® Ventilation Fans are engineered to be the fastest, easiest, most universal installation in remodel, retrofit or new construction—in any type of joist or truss system. Exclusive features simplify installation to save valuable time and money.



Inside/outside wiring capability provides flexible new or retrofit installation

Pre-installed screws in the mounting frame enable quick installation

Vertical positioning tabs ensure the housing is in the right place

The expandable mounting frame adjusts from 14"–24" and fits any type of joist, I-Joist or truss construction

SPECIFICATIONS

FLEX SERIES™ FANS & FAN/LIGHTS

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Baths up to () Sq Ft	Lighting Watts Main/ Night Light	ENERGY STAR®	Lighting Type	Housing Size				Cover Size		Cover Finish	Amps
									Duct Size"	L"	W"	H"	L"	W"		
AE50110DC		8	50-80-110	<0.3-0.4-0.9	105	—	Yes	—	4	9¼	10	5¾	11¾	12½	WP	0.3
AE50110DCL		8	50-80-110	<0.3-0.4-0.9	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.4
AE50110DCS		8	50-80-110	<0.3-0.4-0.9	105	—	Yes	—	4	9¼	10	5¾	11¾	12½	WP	0.3
AE50110DCSL		8	50-80-110	<0.3-0.4-0.9	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.4
AE80K		11	80	0.7	75	—	Yes	—	4	9¼	10	5¾	12¼	12¼	WP	0.3
AE110		11	110	1.0	105	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE80B		11	80	1.2	75	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE50		11	50	0.5	45	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.2
A80		11	80	2.0	75	—	No	—	4	9¼	10	5¾	11½	12	WP	0.37
AE80S		9	80	0.7	75	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE110K		11	110	1.0	105	—	Yes	—	4	9¼	10	5¾	12¼	12¼	WP	0.3
A110		11	110	3.0	105	—	No	—	4	9¼	10	5¾	11½	12	WP	0.4
AE110S		9	110	1.0	105	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
A110L*		10	110	1.3	105	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
A70L*		10	70	2.0	65	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
AE80BL		10	80	1.2	75	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.3
AE80LK		10	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3
AER80CCTK		10	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3
AE80SL		9	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	1.2
AE110LK		10	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3
AER110CCTK		10	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3
AE110L		10	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.3
AE110SL		9	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	1.2
AR110LKVV	ARN110LKVV	21	110	1.0	105	11W LED	No	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3

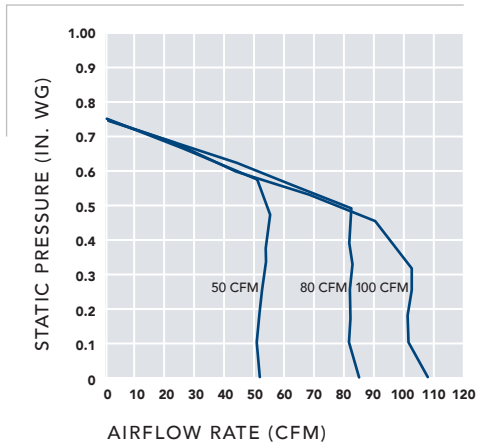
*Bulb not included.

FANS

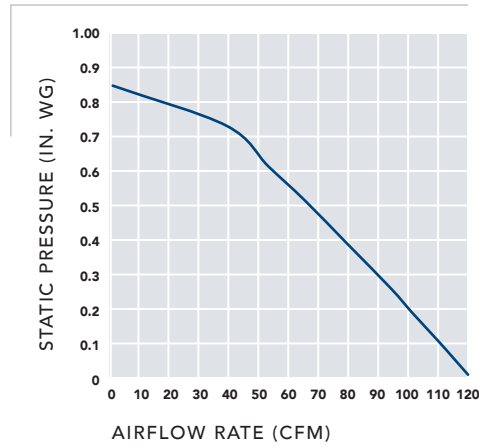
Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Baths up to () Sq Ft	ENERGY STAR®	Duct Size"	Housing Size			Cover Size		Cover Finish	Amps
								L"	W"	H"	L"	W"		
E050		40	50	2.5	45	No	3	7¼	7½	3¾	9¼	9¼	WP	1.1
E070		40	70	4.0	65	No	3	7¼	7½	3¾	9¼	9¼	WP	1.5
671		40	70	6.0	65	No	3	7¼	7½	3¾	9	9¼	WP	1.2
682		41	—	—	—	No	Duct-free	7½	7½	3¾	8½	8½	WP	1
688	696N	40	50	4.0	45	No	3	7¼	7½	3¾	9	9¼	WP	0.9
LP80		31	80	1.0	75	Yes	4" Oval or 3" Round	11¾	10½	4	13	14	WP	0.3
LP110		31	110	1.5	105	Yes	4" Oval	11¾	10½	4	13	14	WP	0.3
LP50100DC		31	50-80-100	<0.3-0.7-1.2	90	Yes	4" Oval	11¾	10½	4	13	14	WP	0.4
SPK110		25	110	1.0	105	Yes	4	11¾	10½	7¾	13	14	WP	0.9
QTXE080		14	80	0.3	75	Yes	6	11¾	10½	7¾	13	13¾	WP	0.2
QTXE110		14	110	0.7	105	Yes	6	11¾	10½	7¾	13	13¾	WP	0.3
QTXE110S		14	110	0.7	105	Yes	6	11¾	10½	7¾	12¾	13¾	WP	0.3
QTXE150		14	150	1.4	140	Yes	6	11¾	10½	7¾	13	13¾	WP	0.5
QTXE110150DC		13	110-130-150	<0.3-0.4-0.7	140	Yes	6	11¾	10½	7¾	13	13¾	WP	0.4
QTXE110150DCS		13	110-130-150	<0.3-0.4-0.7	140	Yes	6	11¾	10½	7¾	13	13¾	WP	0.5
RB80		19	80	<0.3	75	Yes	4	11¾	10½	7¾	13	13¾	WP	0.3
RB110		19	110	0.6	105	Yes	4	11¾	10½	7¾	13	13¾	WP	0.3
XB50		18	50	<0.3	45	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7¾	13	13¾	WP	0.1
XB80		18	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7¾	13	13¾	WP	0.1
XB110		18	110	<0.3	105	Yes	6	10½	11¾	7¾	13	13¾	WP	0.2
XB110H		17	110	<0.3	105	Yes	6	10½	11¾	7¾	13¾	14	WP	0.2
ZB80		18	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7¾	13	13¾	WP	0.1
ZB80M		17	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7¾	13¾	14	WP	0.1
ZB110		18	110	<0.3	105	Yes	6	10½	11¾	7¾	13	13¾	WP	0.2
ZB110H		17	110	<0.3	105	Yes	6	10½	11¾	7¾	13¾	14	WP	0.2

Radiation Dampers can be found on pages 14 and 61. *With 6" duct (with 4" duct 0.3).

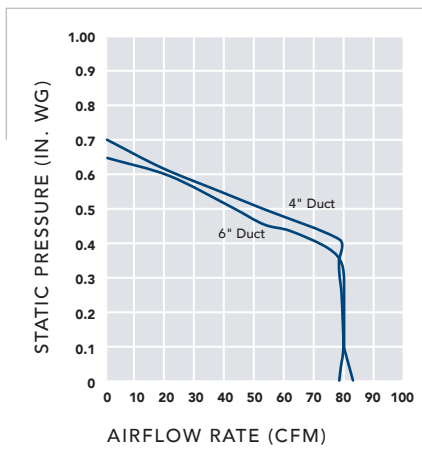
LP50100DC (Ceiling Mount)



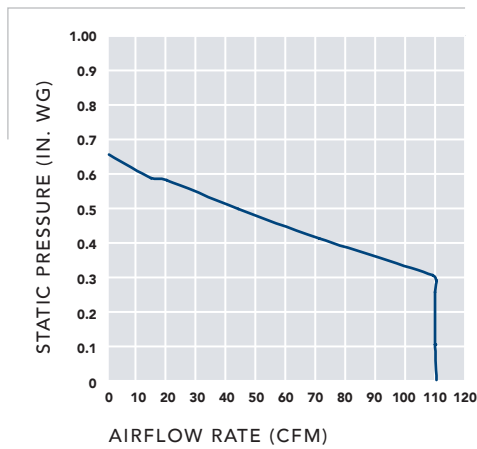
LP110 (Ceiling Mount)



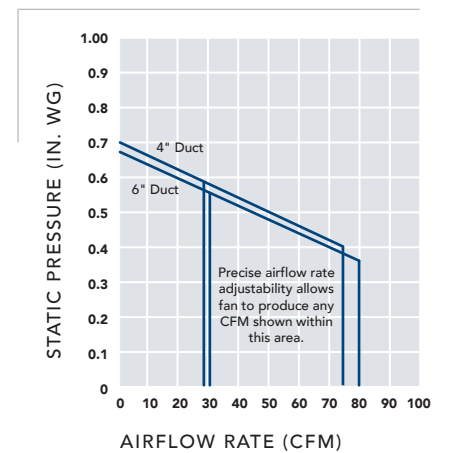
XB80 (Ceiling Mount)



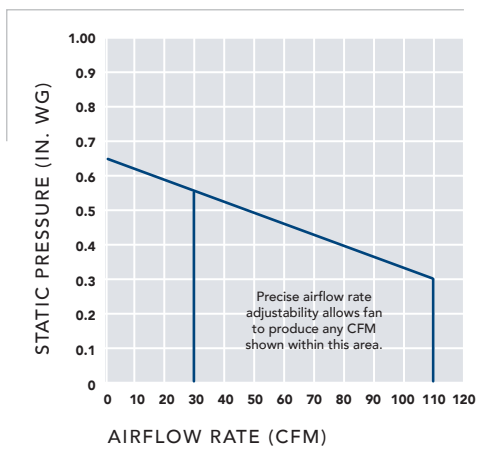
XB110 (Ceiling Mount)



ZB80 (Ceiling Mount)



ZB110 (Ceiling Mount)



RB80 (Ceiling Mount)

