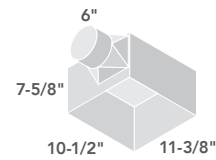


**General Features & Benefits**

- Selectable DC motor enables right-sized ventilation for any room
- 30% tighter housing than competitive models\*
- Flangeless housing facilitates a seamless installation
- Quiet operation at less than or equal to 0.7 Sones at all CFM speeds
- TrueSeal® damper technology creates an airtight seal from inside the housing
- 6" round duct connector to reduce static pressure in ducting
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Type IC, fits 2" x 8" and larger construction



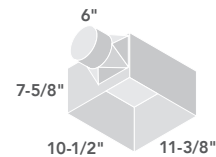
**NEW**  
**QTXE110150DC**



**NEW**  
**QTXE110150DCL**  
• Bright, energy-efficient LED lighting

**Sensaire™ Humidity Sensing**

- Detects a rapid rise in humidity
- User adjustable sensitivity control
- Easy-to-set shut-off timer: 5–60 minutes
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- ENERGY STAR® certified
- HVI Certified



**NEW**  
**QTXE110150DCS**  
• Fan cover-mounted humidity sensor for fast reaction time  
• Sensaire™ Sense on Rise technology  
• RDFU1 radiation damper with RDJUMPO accessory  
• Hanger bar system up to 24" for flexible installation in all types of construction



**NEW**  
**QTXE110150DCSL**  
• Bright, energy-efficient LED lighting  
• Fan cover-mounted humidity sensor for fast reaction time  
• Sensaire™ Sense on Rise technology  
• RDFU1 radiation damper with RDJUMPO accessory  
• Hanger bar system up to 24" for flexible installation in all types of construction



**SPKACC Speaker Accessory**  
**Add wireless sound to your Broan or NuTone QT® Series ventilation fan in a few easy steps.**  
QT Series Fans can accept the Sensonic® Speaker Accessory SPKACC. See page 26 for details.

Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Cover Size
QTXE110150DC	110-130-150	<0.3-0.4-0.7	—	—	6	Yes	13¾ x 13
QTXE110150DCL	110-130-150	<0.3-0.4-0.7	18W LED	—	6	Yes	13¾ x 13
QTXE110150DCS	110-130-150	<0.3-0.4-0.7	—	Humidity	6	Yes	13¾ x 13
QTXE110150DCSL	110-130-150	<0.3-0.4-0.7	18W LED	Humidity	6	Yes	13¾ x 13

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

\*Compared to competitive fans; based on software calculations and analysis conducted by Broan. Testing reflects total fan housing air tightness.



**Broan**

	69W	P2RW	P3RW	77DV, 77DW	82A, 82W	DD500W	MS100W	SC100W	CD60W	DT100W
<b>Ventilation Fans</b>	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	•	•				•		•	•	
<b>Ventilation Fan/Lights</b>	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		•	•			•		•	•
	<b>Heater/Fan/Lights</b>	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

# 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
AE80	AEN80	11	80	0.7	75	—	Yes	—	4	9¼	10	5¾	11¾	12	WP	0.3
AE110	AEN110	11	110	1.0	105	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE80B	AEN80B	11	80	1.2	75	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE50	AEN50	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	AN110	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
A80L*	AN80L	10	80	1.0	75	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
A110L*	AN110L	10	110	1.3	105	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
A50L*		10	50	1.5	45	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1
A70L*	AN70L	10	70	2.0	65	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
AE80BL	AEN80BL	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
AE80L	AEN80L	10	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	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
AE110L	AEN110L	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	25	110	1.0	105	11W LED	No	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3

\*Bulb not included.

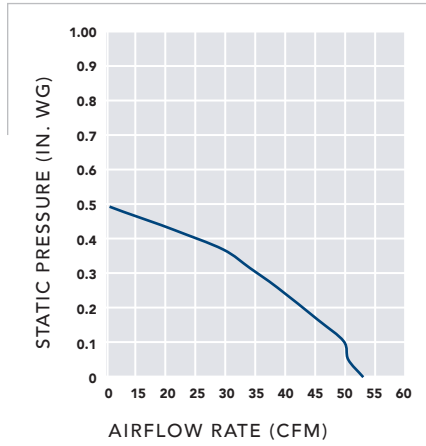
## FANS

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		42	50	2.5	45	No	3	7¼	7½	3½	9¼	9¾	WP	1.1
E070		42	70	4.0	65	No	3	7¼	7½	3½	9¼	9¾	WP	1.5
670		42	50	3.5	45	No	3	7¼	7½	3½	9	9¼	WP	0.8
671	695	42	70	6.0	65	No	3	7¼	7½	3½	9	9¼	WP	1.2
682	682NT	43	—	—	—	No	Duct-free	7½	7½	3¾	8½	8½	WP	1
688	696N	42	50	4.0	45	No	3	7¼	7½	3½	9	9¼	WP	0.9
LP80	LPN80	33	80	1.0	75	Yes	4" Oval or 3" Round	11¾	10½	4	13	14	WP	0.3
LP110		33	110	1.5	105	Yes	4" Oval	11¾	10½	4	13	14	WP	0.3
LP50100DC		33	50-80-100	<0.3-0.7-1.2	90	Yes	4" Oval	11¾	10½	4	13	14	WP	0.4
SPK110		27	110	1.0	105	Yes	4	11¾	10½	7½	13	14	WP	0.9
SSQTXE080		19	80	0.3	75	Yes	6	11¾	10½	7½	13	13¾	WP	0.2
SSQTXE110		19	110	0.7	105	Yes	6	11¾	10½	7½	13	13¾	WP	0.3
QTXE080	QTXEN080	17	80	0.3	75	Yes	6	11¾	10½	7½	13	13¾	WP	0.2
QTXE110	QTXEN110	17	110	0.7	105	Yes	6	11¾	10½	7½	13	13¾	WP	0.3
QTXE110S		17	110	0.7	105	Yes	6	11¾	10½	7½	12¾	13¾	WP	0.3
QTXE150	QTXEN150	17	150	1.4	140	Yes	6	11¾	10½	7½	13	13¾	WP	0.5
QTXE110150DC		15	110-130-150	<0.3-0.4-0.7	140	Yes	6	11¾	10½	7½	13	13¾	WP	0.4
QTXE110150DCS		15	110-130-150	<0.3-0.4-0.7	140	Yes	6	11¾	10½	7½	13	13¾	WP	0.5
RB80	RN80	23	80	<0.3	75	Yes	4	11¾	10½	7½	13	13¾	WP	0.3
RB110	RN110	23	110	0.6	105	Yes	4	11¾	10½	7½	13	13¾	WP	0.3
XB50		22	50	<0.3	45	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13	13¾	WP	0.1
XB80		22	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13	13¾	WP	0.1
XB110		22	110	<0.3	105	Yes	6	10½	11¾	7½	13	13¾	WP	0.2
XB110H		21	110	<0.3	105	Yes	6	10½	11¾	7½	13¾	14	WP	0.2
ZB80		22	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13	13¾	WP	0.1
ZB80M		21	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13¾	14	WP	0.1
ZB110		22	110	<0.3	105	Yes	6	10½	11¾	7½	13	13¾	WP	0.2
ZB110H		21	110	<0.3	105	Yes	6	10½	11¾	7½	13¾	14	WP	0.2
ZB110M		21	110	<0.3	105	Yes	6	10½	11¾	7½	13¾	14	WP	0.2

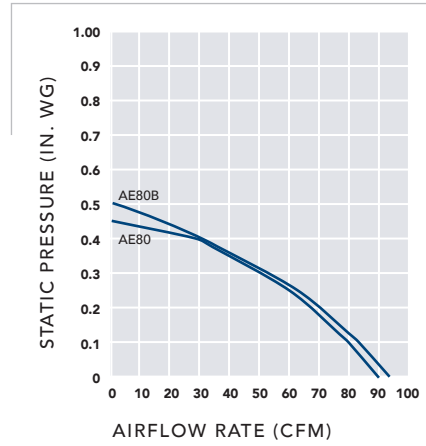
Radiation Dampers can be found on pages 17 and 63. \*With 6" duct (with 4" duct 0.3).

Flex SERIES™

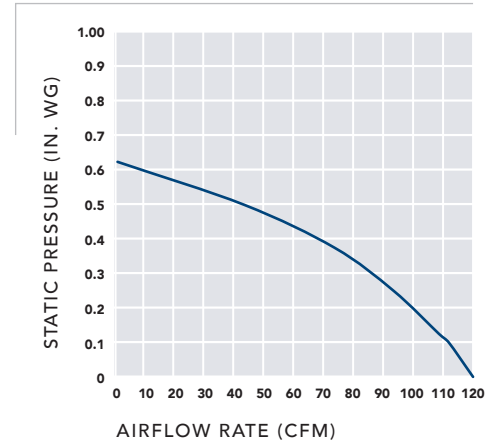
**AE50** (Ceiling Mount)



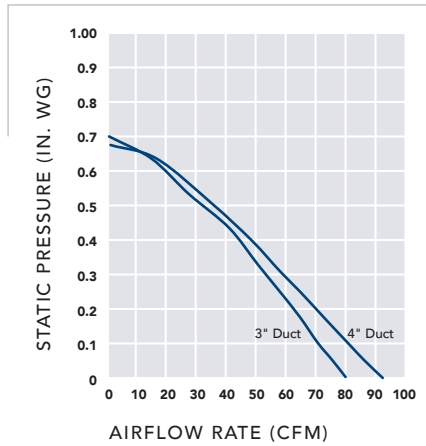
**AE80, AE80B** (Ceiling Mount)



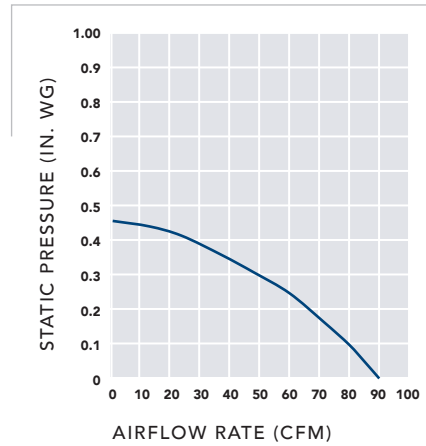
**AE110** (Ceiling Mount)



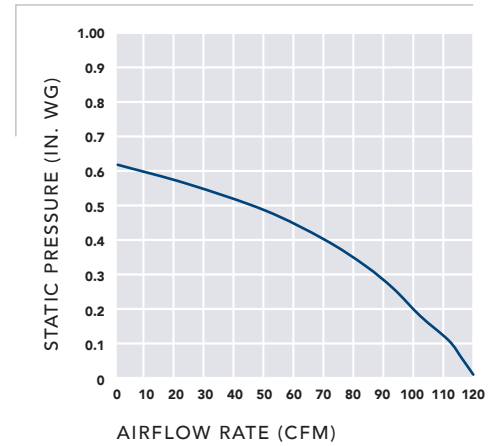
**LP80** (Ceiling Mount)



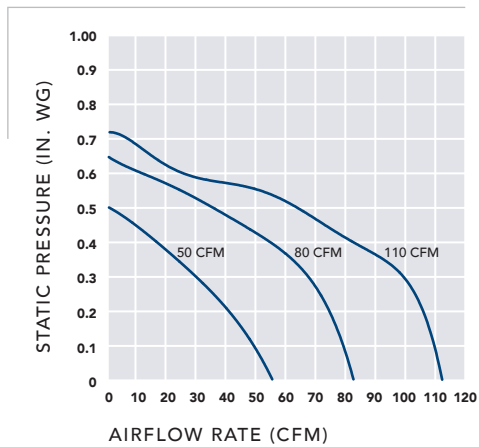
**AE80L, AE80BL** (Ceiling Mount)



**AE110L** (Ceiling Mount)



**AE50110DC** (Ceiling Mount)



**QTXE110150DC** (Ceiling Mount)

