




# Exhaust Fans



## FEATURES

- 4" Round plastic damper protects against back drafts and ensures quiet operation
- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (models AK50 and AK80LS-1)
- Hanger bar installation

EXHAUST FANS						
	SINGLE SPEED					DUAL SPEED
	Can be used for ASHRAE 62.2 ventilation or activated by any wall mounted device.					*
MODEL	AK50	AK80LS-1	AK80	AK90	AK110PN	AK100D
Air Movement CFM @ .1 SP	50	80	80	90	100	100 / 50
Air Movement CFM @ .25 SP	32	68	63	78	86	86
Sound Sones @ .1 SP	0.3	1.0	1.5	1.5	1.5	1.5 / 0.5
Watts	26.4	28.3	27.6	29.9	29.9	29.9 / 26.9
Duct Size	4"	4"	4"	4"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms					
ASHRAE 62.2	Whole Building / Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation	Local Ventilation	Whole Building / Local Ventilation
Housing Size	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H
Listings / Certifications	 					

\* Perfect in a bathroom for continuous low speed ventilation. The fan can be activated to high speed through any wall mounted device.

# Specifications



MODEL	CFM	SONES	SOUND LEVEL	LIGHTING	ENERGY STAR	CALGREEN	ASHRAE 62.2	LISTING	DUCT SIZE	HOUSING SIZE	PAGE
ES80SH	80	<0.3	Silent	N/A	YES	Bathrooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	10
ES80DH	80/30	<0.3	Silent	N/A	YES	Bathrooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	10
ES130SH	130	<0.3	Silent	N/A	YES	Bathrooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	10
ES130DH	130/50	<0.3	Silent	N/A	YES	Bathrooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	10
AK80H	80	1.0	Very Quiet	N/A	YES	Bathrooms	Whole Building/Local	ETL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	11
AKF80H	80	1.0	Very Quiet	Flourescent	YES	Bathrooms	Whole Building/Local	ETL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	11
ES80SG	80	<0.3	Silent	N/A	YES	Bathrooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	12
ES80DH	80/30	<0.3	Silent	N/A	YES	Bathrooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	12
ES130SG	130	<0.3	Silent	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	12
ES130DG	130/50	<0.3	Silent	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	12
ES80S	80	<0.3	Silent	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	13
ES80D	80/30	<0.3	Silent	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	13
ES130S	130	<0.3	Silent	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	13
ES130D	130/50	<0.3	Silent	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	13
AK80LS	80	0.6	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	14
AK110LS	110	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	14
AK150LS	150	0.8	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	ETL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	14
AK200LS	200	1.4	Quiet	N/A	YES	Other Rooms	Local	UL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	14
AK300LS	290	3.0	Quiet	N/A	YES	Other Rooms	Local	UL	6"	12 <sup>7</sup> / <sub>8</sub> "W x 12 <sup>3</sup> / <sub>4</sub> "D x 9 <sup>7</sup> / <sub>8</sub> "H	14
AK50	50	0.5	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	15
AK80LS-1	80	1.0	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	15
AK80	80	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	15
AK90	90	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	15
AK110PN	100	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	15
AK100D	100/50	1.5/0.5	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	15
BFQ50	50	0.5	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	16
BFQ75	70	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	16
BFQ80	80	2.0	Quiet	N/A	YES	Other Rooms	Local	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	16
BFQF50	50	0.8	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 5 <sup>3</sup> / <sub>4</sub> "H	17
BFQF70	70	2.0	Quiet	N/A	YES	Other Rooms	Local	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 5 <sup>3</sup> / <sub>4</sub> "H	17
AKF50LS	50	0.3	Very Quiet	Flourescent	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	18
AKF80LS	80	1.0	Very Quiet	Flourescent	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	18
AKF100LS	100	1.5	Quiet	Flourescent	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	18
AKF100D	100/50	1.5/0.3	Very Quiet	Flourescent	YES	Other Rooms	Local	UL	4"	10 <sup>7</sup> / <sub>8</sub> "W x 9 <sup>3</sup> / <sub>8</sub> "D x 7 <sup>7</sup> / <sub>8</sub> "H	18
BFQ90	90	1.5	Quiet	N/A	NO	NO	Local	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	19
BFQ110	110	3.5	Moderate	N/A	NO	NO	NO	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	19
BFQ140	120	4.0	Moderate	N/A	NO	NO	NO	UL	4"	9 <sup>1</sup> / <sub>8</sub> "W x 8 <sup>1</sup> / <sub>2</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	19
AS54	50	3.0	Quiet	N/A	NO	NO	Local	UL	4"	7 <sup>1</sup> / <sub>4</sub> "W x 7 <sup>1</sup> / <sub>4</sub> "D x 4 <sup>3</sup> / <sub>4</sub> "H	20
AS50	50	3.0	Quiet	N/A	NO	NO	NO	UL	3"	7 <sup>1</sup> / <sub>4</sub> "W x 7 <sup>1</sup> / <sub>4</sub> "D x 3 <sup>3</sup> / <sub>4</sub> "H	20

Whole House/Local refers to sound ratings for ventilation fans under ASHRAE 62.2. This standard requires continuously and intermittently operated fans to be rated 1 sone or less.