



VENTILATION PRODUCTS



Introduction



Model AKF80H - 80 CFM/0.5 Sones
ENERGY STAR® Qualified Humidity
Sensing Exhaust Fan/Light



Products For an Ever Evolving Market

Air King is a leader in the ventilation industry, constantly introducing new and innovative products to the market. Air King's commitment to providing environmentally friendly products is evidenced by the expanding line of ENERGY STAR qualified products throughout the exhaust fan category and into other categories such as Range Hoods. Air King's goal is to bring high quality, environmentally friendly products to the market at a value that makes them the **Smart Choice**.



IAQ Solutions

Air King's products are engineered to be the perfect answer to your Indoor Air Quality (IAQ) needs with full lines of ENERGY STAR qualified exhaust fans, solutions to meet and exceed ASHRAE 62.2 for both continuous ventilation and local exhaust along with many solutions to comply with the CALGreen specifications of California Title 24. Also make sure to see Air King's full line of ENERGY STAR qualified range hoods at www.airkinglimited.com.



CALGreen

The Air King Difference

Customer service is a title that everyone in our company shares. From our corporate staff to our nationwide network of manufacturer's representatives, we are dedicated to making sure your questions are addressed and answered quickly and accurately.

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**AUTOMATED
VENTILATION**

EXHAUST FANS

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Selecting Your Fan

Air King offers a wide array of ventilation solutions including ENERGY STAR® qualified, ASHRAE 62.2 options, fans to be used to comply with California Title 24 requirements, and UL555C Fire Rated options to fit almost any residential application. Selecting the perfect Air King ventilation fan for your requirements can be done through the following considerations:

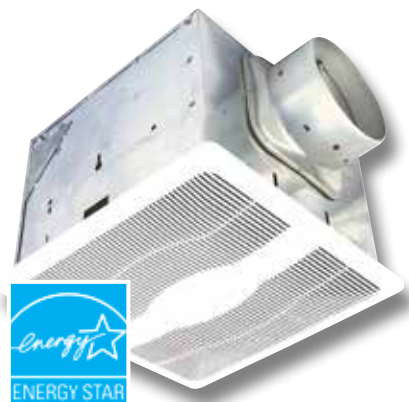
Determine Your CFM

CFM (Cubic Feet Per Minute) is the amount of air the fan is exhausting. Use the following equation to calculate the required CFM for a typical bathroom installation:

Room Length x Room Width x 1.1 = Required CFM

Choose The Sound Level (Sones)

The next consideration is the sound level which is measured in Sones. The lower the sone, the quieter the fan. A fan under one sone is considered very quiet. The sound level will have a direct impact on the cost of the fan - the lower the sound, typically the higher the price. Air King is unique in offering many products that are very quiet while still being budget friendly.



Model ES80S - 80 CFM/<0.3 Sones
ENERGY STAR® Qualified Eco-Exhaust Fan



Choose Your Features

Features include lights, night lights, decorative grills, heaters, dual speed fans and more. Determine if you will need any of these features for your application and choose a fan accordingly.

Special Consideration

Before selecting any fan, you should consult all national and local codes to determine if any specialized requirements exist. Many municipalities have codes in place for both CFM and Sones.



CALGreen



What is an easy and cost effective way to increase a home's Indoor Air Quality (IAQ) while creating as little impact on the environment as possible? The solution is simple - install Air King's ENERGY STAR qualified products throughout the home. It is widely recognized that a properly ventilated house creates a better living environment* but traditional fans and range hoods have either been too loud, too expensive, or just not energy efficient. Air King

addresses all those concerns with an extensive offering of ENERGY STAR qualified products. The Air King product line gives you choices to meet your ventilation needs AND your budget while providing some of the most energy efficient ventilation products on the market today.

Save Money

Air King's ENERGY STAR qualified products run quieter, last longer, and are less expensive to operate than a conventional model.** Installing an Air King ENERGY STAR qualified exhaust fan is a great way to distinguish your home from the rest giving you the market advantage.

Help The Environment

Did you know that your home can be a greater source of pollution than your car? In fact, 16 percent of U.S. greenhouse gas emissions are generated from the energy used in houses nationwide. Energy used in our homes often comes from the burning of fossil fuels at power plants, which contributes to smog, acid rain, and global warming. Simply put, the less energy we use in our homes, the less air pollution we generate.**



What Is ENERGY STAR?

We have all seen the logo but what exactly is ENERGY STAR? The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy designed the program to protect the environment by increasing the usage of energy efficient products and practices. The ENERGY STAR program provides manufacturers with stringent regulations that products must meet in order to be qualified as ENERGY STAR, ensuring that the product will be energy efficient, effective, and last.**

* Source: www.hvi.org

** Source: www.energystar.gov

California Title 24 and CALGreen

What Is California Title 24 and CALGreen?

"The Energy Efficiency Standards for Residential and Nonresidential Buildings were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods."² As it pertains to ventilation, it provides minimum standards for the performance of the products that may be used, especially when a light combination unit is to be a part of the installation.



What Are The Basics?

The California Title 24 standard is a residential energy efficiency standard. To comply, better performing exhaust fans and energy efficient lighting must be used. All exhaust fans must utilize a 4" or larger duct, and incorporate specific ventilation requirements from ASHRAE 62.2. When using an exhaust fan with light, it must use high efficacy lighting with an energy input limit of 40 watts or less.



Section 11 of Title 24 known as **CALGreen**, requires that all exhaust fans utilized in bathrooms or other rooms of the home be ENERGY STAR[®] qualified. **CALGreen** also requires exhaust fans installed in bathrooms (defined as a room with a tub or shower) to be controlled by a readily available humidistat.

Solutions To Meet Your Style And Budget

Air King has one of the most extensive offerings of ventilation products that can be used to comply with California Title 24 requirements as well as **CALGreen** on the market today with solutions to meet almost any ventilation need your home might have. Air King's solutions are simple, economical and designed to improve indoor air quality by providing efficient and quiet operation, making them the **Smart Choice**.



² Source: www.energy.ca.gov/title24/



ASHRAE 62.2 Basics

ASHRAE 62.2 is a minimum national standard that provides methods for achieving acceptable Indoor Air Quality (IAQ) in typical residences. The standard has three main components:

Whole House Ventilation – diluting the air in the main living spaces to remove unavoidable contaminants from people, pets, cleaning, and other household pollutants. The whole house fan flow rate is determined based on the floor space and the number of bedrooms. The whole house fan provides multiple air exchanges within the home each day. The operation can be continuous or intermittent (cycled by a timer) if less than 1 sone.

Local Exhaust – removing high concentrations of contaminants in the rooms where they occur (kitchens and bathrooms). The local exhaust fans can operate continuously (if less than 1 sone) at a lower flow rate (CFM), or intermittently (cycled by a switch or timer) at a higher flow rate if 3 sones or less. If operated continuously or on a timer the local exhaust fan flow reduces the whole house exhaust fan flow requirement.

Source Control – preventing or limiting the introduction of pollutants.

Help! What Should I Do?

Not to worry. Air King is able to provide simple, cost effective solutions without compromising performance. Air King offers Good, Better, and Best choices to meet the needs of your project including multiple Whole House and Local Exhaust options that are HVI certified at the lowest allowable sound rating, (at the threshold of hearing), so they will not disrupt day to day living. Choices are available for Fan only, Fan/Light combinations and decorative combinations. Additional strategies, tips and techniques can be found at www.airkinglimited.com or by becoming a fan of Air King's facebook page you can stay up-to-date on the most current solutions.

Who Is ASHRAE?

ASHRAE is the American Society of Heating, Refrigerating and Air-Conditioning Engineers. ASHRAE's mission is to "serve humanity and promote a sustainable world through research, standards writing, publishing and continued education."¹ ASHRAE is the leading force when it comes to writing ventilation codes that are adopted throughout North America on both a local level and nationally.

¹ Source: www.ashrae.org



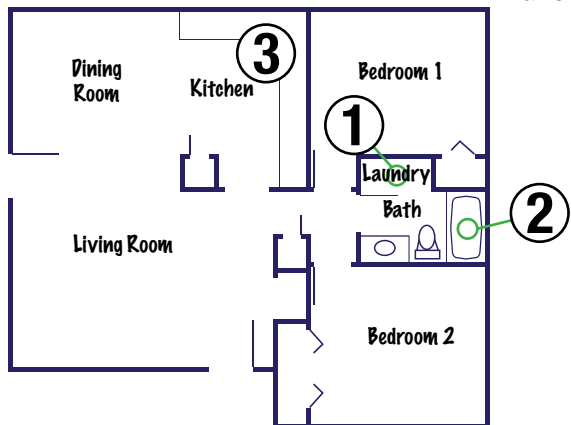
ASHRAE 62.2



Continuous Ventilation

Ventilation Air Requirements, cfm					
Floor Area (ft ²)	Bedrooms				
	0-1	2-3	4-5	6-7	>7
<1500	30	45	60	75	90
1501-3000	45	60	75	90	105
3001-4500	60	75	90	105	120
4501-6000	75	90	105	120	135
6001-7500	90	105	120	135	150
>7500	105	120	135	150	165

Table is a duplication of Table 4.1a (I-P) for Minimum Ventilation from the ANSI/ASHRAE Standard 62.2-2010 for Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings.



Making Sense Of ASHRAE 62.2

Air King has a large selection of ASHRAE 62.2 solutions for both Whole Building and Local Exhaust. Making sense of everything can sometimes be a little overwhelming. Below are some examples as to what you might use for typical installations.

What Is Best For Me?

For the best indoor air quality Air King recommends the Whole Building fan be located in a central location and operate continuously. Then install On Demand Local Exhaust fans in each bathroom and a range hood vented to the outdoors in the kitchen.

What About Dual Speed Fans?

To utilize one of Air King's dual speed fans, the low speed provides Continuous Ventilation while the high speed provides a boost of ventilation power needed when the room is occupied.

Are There Other Options?

For additional solutions visit www.airkinglimited.com/ashrae1.html or become a fan of Air King's facebook page to stay up-to-date on the most current solutions.

Is This Everything I Need?

It is important that these examples be used only as a guide. When determining the correct On Demand Local Exhaust to be used in a bathroom setting, make sure to take into consideration any additional local codes that might be required. All continuously operating fans require a manual override located in a convenient location.

Don't Forget the Kitchen

Air King also recommends the use of an Air King ENERGY STAR® qualified range hood in the kitchen. ASHRAE 62.2 requires a separate kitchen ventilation fan rated for at least 5 air changes per hour for a 13' x 17' x 8' room that equals 150 CFM or a vented range hood rated at least 100 CFM.

Homes Under 1500 Sq Ft., 2-3 Bedrooms

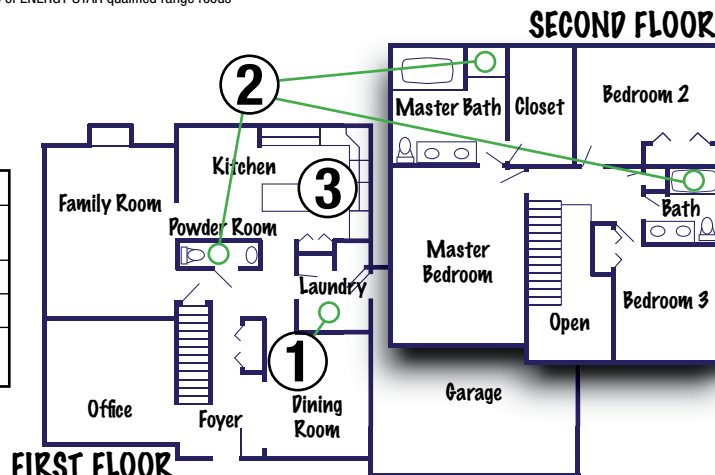
Type	Good	Better	Best
1 Whole Building Continuous	BFQ50	AK50LS	AK80LS
2 On Demand Local	AS54	BFQ75	AK80H
with Light	ASF50	BFQF70	AKF80H
3 ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range hoods

Homes 1500-3000 Sq Ft., 3-5 Bedrooms

Type	Good	Better	Best
1 Whole Building Continuous	AK80LS	AK80H	ES80S
2 On Demand Local	AS54	BFQ75	ES80DH
with Light	ASF50	BFQF70	AKF80H
3 ENERGY STAR Range Hood	ESDQ	ESVAL	APF

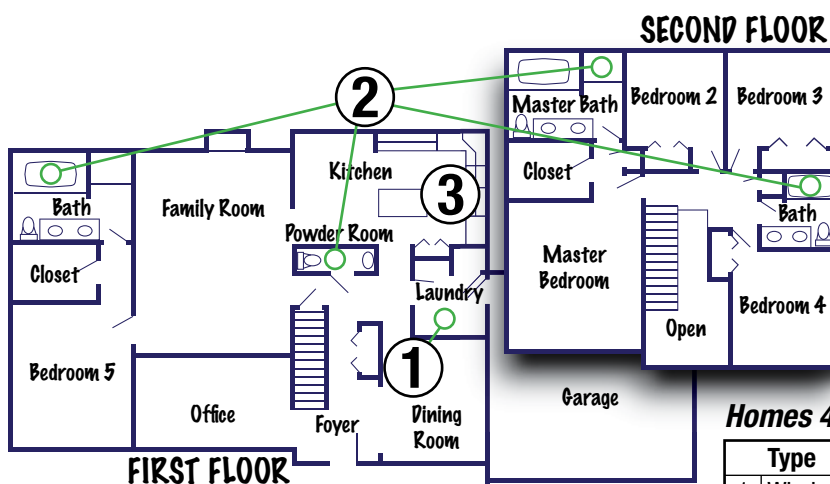
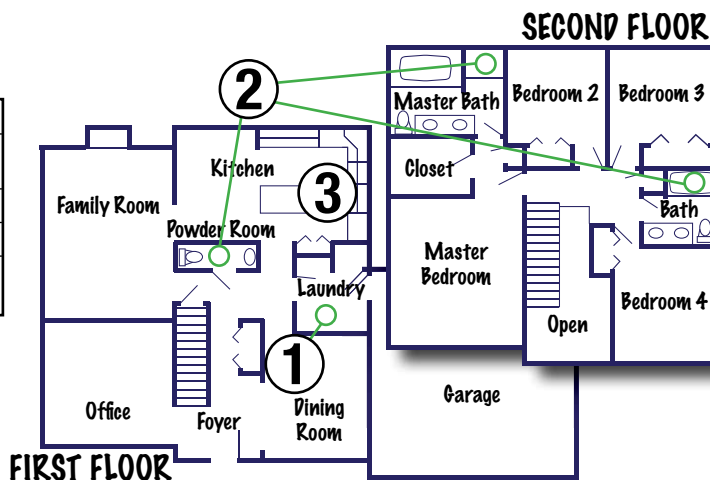
Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range hoods



Homes 3000-4500 Sq Ft., 4+ Bedrooms

Type	Good	Better	Best
1 Whole Building Continuous	AK150LS	ES130S	ES130S
2 On Demand Local with Light	AS54 ASF50	BFQ75 BFQF70	ES130SH AKF80H
3 ENERGY STAR Range Hood	ESDQ	ESVAL	APF

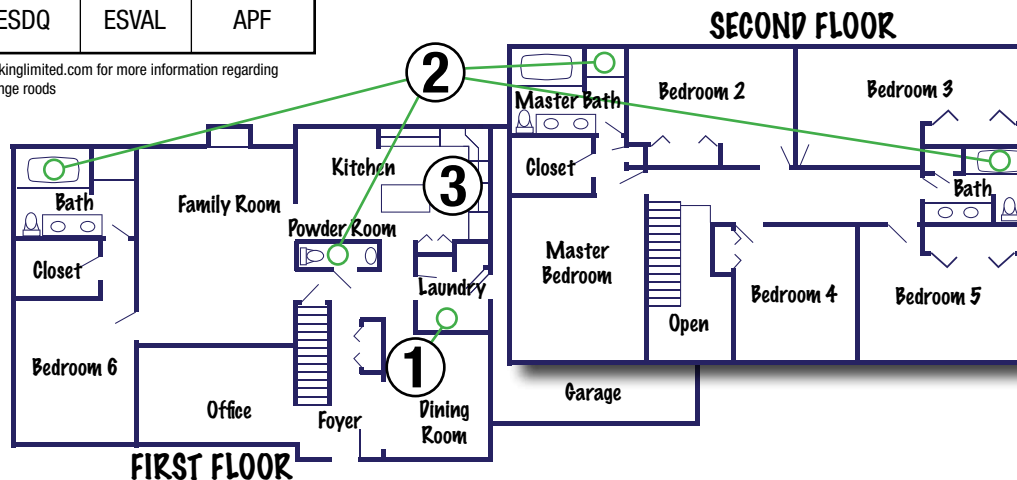
Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range hoods



Homes 6000-7500 Sq Ft., 6+ Bedrooms

Type	Good	Better	Best
1 Whole Building Continuous	AK150LS	AK150LS	AK150LS
2 On Demand Local with Light	BFQ50 AKF50LS	BFQ75 AKF80LS	ES130S AKF80H
3 ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range hoods



Homes 4500-6000 Sq Ft., 4-7 Bedrooms

Type	Good	Better	Best
1 Whole Building Continuous	AK150LS	ES130S	ES130S
2 On Demand Local with Light	BFQ50 BFQF50	BFQ75 BFQF70	ES130SH AKF80H
3 ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range hoods

Humidity Sensing Exhaust Fans

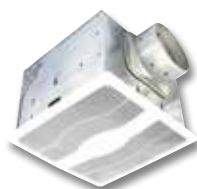


FEATURES

- 6" Round duct connector with damper protects against back drafts
- Humidity level can be set up to 80% relative humidity
- Listed for installation over a tub or shower on a GFCI circuit
- Hanger bar installation



HUMIDITY SENSING FANS



**LOWEST
HVI SOUND
RATING POSSIBLE**

SINGLE SPEED

Integrated humidistat senses the humidity level of the room and turns the fan on until the humidity level is below the preset level. The fan can also be activated through a wall control switch.

DUAL SPEED

Perfect in a bathroom for continuous low speed ventilation. An integrated humidistat senses the humidity level of the room and turns the fan to high speed until the humidity level is below the preset level. The fan can also be activated to high speed through a wall control switch or timer.

MODEL	ES80SH	ES130SH	ES80DH	ES130DH
Air Movement CFM @ .1 SP	80	130	80 / 30	130 / 50
Air Movement CFM @ .25 SP	49	93	49	93
Sound Sones @ .1 SP	<0.3	<0.3	<0.3	<0.3
Watts	28.1	34.9	28.1 / 24.7	34.9 / 28.4
Duct Size	6"	6"	6"	6"
ENERGY STAR® Qualified	YES	YES	YES	YES
CALGreen	Compliant for use in bathrooms or whole building ventilation			
ASHRAE 62.2	Excellent for whole building / local ventilation			
Housing Size	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H
Listings / Certifications				





Humidity Sensing Exhaust Fans



FEATURES

- 4" Round duct connector with damper protects against back drafts
- Humidity level can be set up to 80% relative humidity
- Listed for installation over a tub or shower on a GFCI circuit
- Hanger bar installation
- **MODEL AKF80H:** Moonstone glass light lens with **INCLUDED** 26 watt high efficacy GU24 base fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting



HUMIDITY SENSING FANS	 	
	FAN	FAN with LIGHT
Integrated humidistat senses the humidity level of the room and turns the fan on until the humidity level is below the preset level. The fan can also be activated through a wall control switch.		
MODEL	AK80H	AKF80H
Air Movement CFM @ .1 SP	80	80
Air Movement CFM @ .25 SP	68	70
Sound Sones @ .1 SP	1.0	1.0
Watts	28.1	27.6
Duct Size	4"	4"
ENERGY STAR® Qualified	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms	
ASHRAE 62.2	Excellent for whole building / local ventilation	
Housing Size	10 ⁷ / ₈ "W x 9 ³ / ₈ "D x 7 ⁷ / ₈ "H	10 ⁷ / ₈ "W x 9 ³ / ₈ "D x 7 ⁷ / ₈ "H
Listings / Certifications	 	

Motion Sensing Exhaust Fans



FEATURES

- 6" Round duct connector with damper protects against back drafts
- Time delay can be preset from 30 seconds to 80 minutes
- Listed for installation over a tub or shower on a GFCI circuit
- Hanger bar installation



MOTION SENSING FANS



**LOWEST
HVI SOUND
RATING POSSIBLE**

SINGLE SPEED

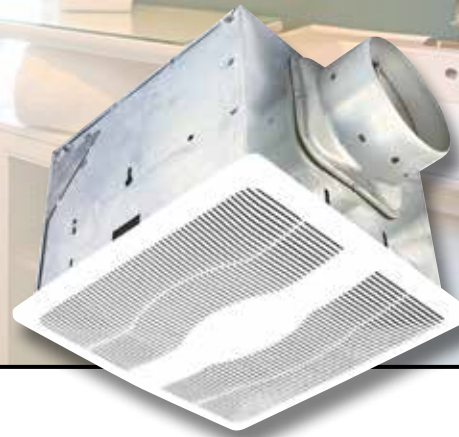
Integrated motion sensor detects occupancy of the room and turns the fan on and keeps it running for the preset time after the room is vacated before automatically turning the fan off. The fan can also be activated through a wall control switch.

DUAL SPEED

Perfect in a bathroom for continuous low speed ventilation. An integrated motion sensor detects occupancy of the room and turns the fan to high speed and keeps it running for the preset time after the room is vacated before automatically turning the fan off. The fan can also be activated to high speed through a wall control switch or timer.

MODEL	ES80SG	ES130SG	ES80DG	ES130DG
Air Movement CFM @ .1 SP	80	130	80 / 30	130 / 50
Air Movement CFM @ .25 SP	49	93	49	93
Sound Sones @ .1 SP	<0.3	<0.3	<0.3	<0.3
Watts	28.1	34.9	28.1 / 24.7	34.9 / 28.4
Duct Size	6"	6"	6"	6"
ENERGY STAR® Qualified	YES	YES	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms			
ASHRAE 62.2	Excellent for whole building / local ventilation			
Housing Size	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H
Listings / Certifications				

Exhaust Fans



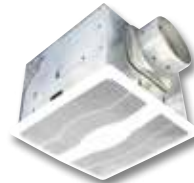
FEATURES

- 6" Round duct connector with damper protects against back drafts
- Listed for installation over a tub or shower on a GFCI circuit
- Suitable for use with electronic fan speed control
- Solution for ASHRAE 62.2 continuous whole house ventilation
- Hanger bar installation



EXHAUST FANS

**LOWEST
HVI SOUND
RATING POSSIBLE**



SINGLE SPEED

Can be used for ASHRAE 62.2 whole house ventilation or activated by any wall mounted device.

DUAL SPEED

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

MODEL

ES80S

ES130S

ES80D

ES130D

Air Movement
CFM @ .1 SP

80

130

80 / 30

130 / 50

Air Movement
CFM @ .25 SP

49

93

49

93

Sound
Sones @ .1 SP

<0.3

<0.3

<0.3

<0.3

Watts

28.1

34.9

28.1 / 24.7

34.9 / 28.4

Duct Size

6"

6"

6"

6"

ENERGY STAR®
Qualified

YES

YES

YES

YES

CALGreen

Compliant for whole building ventilation and rooms other than bathrooms

ASHRAE 62.2

Excellent for whole building / local ventilation

Housing Size

12 $\frac{7}{8}$ "W x
12 $\frac{3}{4}$ "D x 9 $\frac{7}{8}$ "H

12 $\frac{7}{8}$ "W x
12 $\frac{3}{4}$ "D x 9 $\frac{7}{8}$ "H

12 $\frac{7}{8}$ "W x
12 $\frac{3}{4}$ "D x 9 $\frac{7}{8}$ "H

12 $\frac{7}{8}$ "W x
12 $\frac{3}{4}$ "D x 9 $\frac{7}{8}$ "H

Listings /
Certifications






Exhaust Fans



FEATURES

- Round duct connector with damper protects against back drafts
- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (models AK80LS and AK150LS)
- Hanger bar installation



EXHAUST FANS					
MODEL	AK80LS	AK110LS	AK150LS	AK200LS	AK300LS
Air Movement CFM @ .1 SP	80	110	150	200	290
Air Movement CFM @ .25 SP	68	90	116	185	265
Sound Sones @ .1 SP	0.6	1.5	0.8	1.4	3.0
Watts	28.1	28.0	34.6	62.0	79.9
Duct Size	4"	4"	6"	6"	6"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms				
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation
Housing Size	10 ⁷ / ₈ "W x 9 ³ / ₈ "D x 7 ⁷ / ₈ "H	10 ⁷ / ₈ "W x 9 ³ / ₈ "D x 7 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H	12 ⁷ / ₈ "W x 12 ³ / ₄ "D x 9 ⁷ / ₈ "H
Listings / Certifications					

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 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "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.

Exhaust Fans



FEATURES

- 4" Round duct connector with damper protects against back drafts
- UL Listed high impact plastic housing will not rust or corrode over time and is listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (model BFQ50)
- Installs using the included Snap-In mounting system with wire nuts and a romex connector included and can be wall mounted in 2" x 6" construction

EXHAUST FANS			
MODEL	BFQ50	BFQ75	BFQ80
Air Movement CFM @ .1 SP	50	70	80
Air Movement CFM @ .25 SP	38	57	61
Sound Sones @ .1 SP	0.5	1.5	2.0
Watts	28.1	28.7	32.0
Duct Size	4"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms		
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation
Housing Size	9½"W x 8½"D x 4¾"H	9½"W x 8½"D x 4¾"H	9½"W x 8½"D x 4¾"H
Listings / Certifications			

SNAP-IN INSTALLATION



NAIL the included bracket in place.

SNAP the naturally sound absorbent molded plastic housing into the bracket.

WIRE the fan with the included wire nuts and strain relief.

IT'S THAT EASY!

Exhaust Fans with Light



FEATURES

- **INCLUDED** 26 watt high efficacy GU24 base fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting
- 4" Round duct connector with damper protects against back drafts
- UL Listed high impact plastic housing will not rust or corrode over time and is listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (model BFQF50)
- Installs using the included Snap-In mounting system with wire nuts and a romex connector included and can be wall mounted in 2" x 6" construction

SNAP-IN INSTALLATION



NAIL the included bracket in place.

SNAP the naturally sound absorbent molded plastic housing into the bracket.

WIRE the fan with the included wire nuts and strain relief.

IT'S THAT EASY!

**Fluorescent
Lamp Included!**



EXHAUST FANS with LIGHT



MODEL	BFQF50	BFQF70
Air Movement CFM @ .1 SP	50	70
Air Movement CFM @ .25 SP	38	56
Sound Sones @ .1 SP	0.8	2.0
Watts	28.1	27.5
Duct Size	4"	4"
ENERGY STAR® Qualified	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms	
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation
Housing Size	9 1/8"W x 8 1/2"D x 5 3/4"H	9 1/8"W x 8 1/2"D x 5 3/4"H
Listings / Certifications		




Exhaust Fans with Light



FEATURES

- Moonstone glass light lens with **INCLUDED** 26 watt high efficacy GU24 base fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting
- 4 Watt night light (bulb not included)
- 4" Round spring loaded metal damper protects against back drafts
- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (models AKF50LS, AKF80LS, and AKF100D)
- Hanger bar installation



EXHAUST FANS with LIGHT and NIGHT LIGHT				
	SINGLE SPEED			DUAL SPEED
	Can be used for ASHRAE 62.2 ventilation or activated by any wall mounted device.			*
MODEL	AKF50LS	AKF80LS	AKF100LS	AKF100D
Air Movement CFM @ .1 SP	50	80	100	100 / 50
Air Movement CFM @ .25 SP	33	70	84	84
Sound Sones @ .1 SP	0.3	1.0	1.5	1.5 / 0.3
Watts	26.4	27.6	29.2	29.2 / 26.4
Duct Size	4"	4"	4"	4"
ENERGY STAR® Qualified	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	Whole Building / Local Ventilation
Housing Size	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H
Listings / Certifications	 			

**Fluorescent
Lamp Included!**



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

Exhaust Fans



FEATURES

- 4" Round duct connector with damper protects against back drafts
- UL Listed high impact plastic housing will not rust or corrode over time and is listed for installation over a tub or shower on a GFCI circuit
- Installs using the included Snap-In mounting system with wire nuts and a romex connector included and can be wall mounted in 2" x 6" construction

SNAP-IN INSTALLATION



NAIL



SNAP



WIRE

NAIL the included bracket in place.

SNAP the naturally sound absorbent molded plastic housing into the bracket.

WIRE the fan with the included wire nuts and strain relief.

IT'S THAT EASY!

EXHAUST FANS



MODEL	BFQ90	BFQ110	BFQ140
Air Movement CFM @ .1 SP	90	100	120
Sound Sones @ .1 SP	2.5	3.5	4.0
Duct Size	4"	4"	4"
ASHRAE 62.2	Local Ventilation	-	-
Housing Size	9 $\frac{1}{8}$ "W x 8 $\frac{1}{2}$ "D x 4 $\frac{3}{4}$ "H	9 $\frac{1}{8}$ "W x 8 $\frac{1}{2}$ "D x 4 $\frac{3}{4}$ "H	9 $\frac{1}{8}$ "W x 8 $\frac{1}{2}$ "D x 4 $\frac{3}{4}$ "H
Listings / Certifications			

Exhaust Fans



FEATURES

- Low profile grill almost disappears into the ceiling
- Plastic damper protects against back drafts and ensures quiet operation
- Easily installs using the double thick keyhole mounting tabs
- Available in contractor packs (6 housings and 6 mbgs)



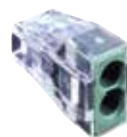
Model AS54: Economical ASHRAE 62.2 Solution for supplemental exhaust. 4" round duct collar with plastic damper protects against back drafts and allows for up to a 105' of straight duct run.

Models AS50, AS60, AS70: Slim 3¾" housing with a 3" duct outlet allows fan to be mounted into wall applications while a plastic damper protects against back drafts.

CONTRACTOR PACKS





HOUSING MODEL	HOUSING TYPE	DUCT TYPE	MOTOR/ BLADE/GRILL MODELS	# PER PACK
ASHSG	Standard	3" plastic	AS50MBG (50 CFM / 3.0 Sones) AS60MBG (60 CFM / 4.0 Sones) AS70MBG (70 CFM / 4.0 Sones)	6
AWCHSG ⁴	Wago® Quick Connect	3" plastic		
ASMTLHSG	Metal Collar	3" metal		
ATLHSG ⁵	4" duct size	4" plastic		

⁴ Wago® Quick Connect Housing, includes Wago® Wall Nuts™ • ⁵ Model AS54 utilizes ATLHSG and AS50MBG • Specifications subject to change.



Wago® Wall Nuts™ provide a quick and easy wiring connection that saves time and the hassles of twisting and taping. Simply strip the wire, then insert into the connector. The clear housing allows you to see that the connection is firm. UL Listed/CSA certified - touch proof and rated to 105° C.




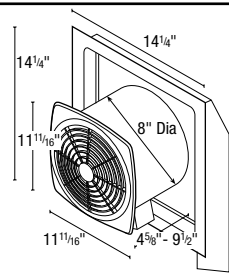

EXHAUST FANS				
MODEL	AS54	AS50	AS60	AS70
Air Movement CFM @ .1 SP	50	50	60	70
Sound Sones @ .1 SP	3.0	3.0	4.0	4.0
Duct Size	4"	3"	3"	3"
ASHRAE 62.2	Local Ventilation	-	-	-
Housing Size	7¼"W x 7¼"D x 4¾"H	7¼"W x 7¼"D x 3¾"H	7¼"W x 7¼"D x 3¾"H	7¼"W x 7¼"D x 3¾"H
Listings / Certifications	 			

Specialty Fans



GARAGE/WALL FAN FEATURES

- Spring loaded aluminum back draft damper prevents back drafts
- 8" round diameter housing for maximum air flow
- Can be installed into walls 4" to 9" thick
- Direct to outdoors exhaust design eliminates the need for ducting

EXHAUST FANS	
	
MODEL	EWF-180
Air Movement CFM @ .1 SP	180
Sound Sones @ .1 SP	6.5
Duct Size	8"
Housing Size	
Listings / Certifications	

Inline Fans



CALGreen

OPTIONS

INLINE EXHAUST FANS

The AIF Inline Fans are prewired for quick installation and are able to be used with a variable speed control. UL approved for wet locations and rated for continuous duty.




INLINE EXHAUST FAN KITS

The AIK Inline Fan Kits provide all the components needed for a typical installation except the ducting. Includes AIF Fan.

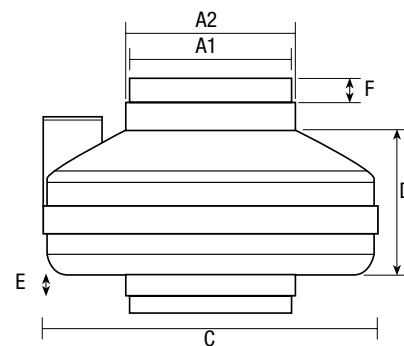
INLINE EXHAUST FAN KITS with LIGHT

The AIK Inline Fan Kits provide all the components needed for a typical fan/light installation except the ducting. Includes AIF Fan, lights and housing.



ENERGY STAR® QUALIFIED INLINE EXHAUST FANS			
	Constructed of UL-recognized and UV-protected thermoplastic resin and are able to be used with a variable speed control		
MODEL	AIF4X	AIF6Y	AIF8X
Air Movement CFM @ .2 SP	90	230	360
Watts	19.4	72.5	122.0
Duct Size	4"	6"	8"
Exhaust Fan Kit	AIK14X - Single Inlet	AIK16X - Single Inlet AIK26Y - Dual Inlet	-
Exhaust Fan Kit with Fluorescent Light	AIK14XF - Single Inlet	AIK26YF - Dual Inlet	-
ENERGY STAR® Qualified	YES	YES	YES
CALGreen	Compliant for whole building ventilation and rooms other than bathrooms		
ASHRAE 62.2	Local Ventilation	Local Ventilation	Local Ventilation
Listings / Certifications	 		

NOTE: The Home Ventilation Institute (HVI) does not currently have a sound test standard for remote mounted fans. As a result sound levels (sones) are not listed. In most cases, a remote fan will be quieter than one mounted within the living area.



Inline Fans

Benefits of Inline Fans

- Because the blower is remotely mounted, the noise is taken away from the room, minimizing the sound generated from the unit
- Low profile inlet grills almost disappear into the ceiling
- Ventilate multiple rooms with a single unit by centrally locating the power unit and then running ducting from the power unit to the individual room inlets



GRILLS

INLINE GRILLS

Metal collar with mounting straps make installation quick and easy, sized to meet the needs of most installations.

AIG4 - 4" Duct

AIG6 - 6" Duct



INLINE GRILLS with LIGHT

Metal housing for installation on or between joists, and wiring junction box for easy connection to power the light fixture.

AIG46HL - 4" Duct, Halogen Lighting

AIG46F - 4" Duct, Fluorescent Lighting - ENERGY STAR® qualified



INLINE EXHAUST FANS and KITS



Constructed of UL-recognized and UV-protected thermoplastic resin and are able to be used with a variable speed control

DIMENSIONS

MODEL	A1	A2	C	D	E	F
AIF4X	4"	5"	9 1/2"	6 1/8"	7/8"	7/8"
AIF6Y	6"	6 1/4"	11 3/4"	5 7/8"	1"	7/8"
AIF8X	8"	10"	13 3/4"	6 1/4"	1 1/2"	1 1/2"
AIF10X	-	10"	13 3/4"	6 1/4"	1 1/2"	-
AIK14XL	4"	5"	9 1/2"	6 1/8"	7/8"	7/8"
AIK14XF	4"	5"	9 1/2"	6 1/8"	7/8"	7/8"
AIK26YL	6"	6 1/4"	11 3/4"	5 7/8"	1"	7/8"
AIK26YF	6"	6 1/4"	11 3/4"	5 7/8"	1"	7/8"
AIK14X	4"	5"	9 1/2"	6 1/8"	7/8"	7/8"
AIK16X	6"	6 1/4"	11 3/4"	5 7/8"	1"	7/8"
AIK24Y	4"	5"	9 1/2"	6 1/8"	7/8"	7/8"
AIK26Y	6"	6 1/4"	11 3/4"	5 7/8"	1"	7/8"

MODEL	AIF10X	AIK24Y	AIK14XL	AIK26YL
Air Movement CFM @ .2 SP	600	150	110	230
Watts	241.0	80.0	21.1	71.0
Exhaust Duct Size	10"	6"	4"	6"
Collar Duct Size	10"	4"	4"	4"
Lighting	-	-	Halogen	Halogen
Inlets	-	Dual	Single	Dual
Listings / Certifications				

NOTE: The Home Ventilation Institute (HVI) does not currently have a sound test standard for remote mounted fans. As a result sound levels (sones) are not listed. In most cases, a remote fan will be quieter than one mounted within the living area.

Fire Rated Exhaust Fans

Not all Fans are Created Equal

Life Safety Professionals work hard to develop and enforce building codes to eliminate or reduce potential threats. Nothing can be more frustrating and sometimes more costly than not having the correct product to comply with the building code for your project.

UL555C
for Wood Frame Construction



Wood is a Combustible Material

When you're building a multi family residential project using wood frame construction you'll need to comply with stringent requirements to prevent the spread of fire. These are likely to include the use of fire rated products for ceiling penetrations such as bathroom exhaust fans. Air King Fire Rated Fans have been tested and are UL Listed for use in wood frame construction and have been successfully tested by UL in more truss designs than any major manufacturer.

You will see competitor certifications that will say "For use in any fire resistive floor or roof-ceiling assembly". That doesn't necessarily mean UL listed for wood frame construction. Wood construction is NOT fire resistive; wood is a combustible material that fire fighters usually consider fuel. The UL requirement for listing in this case requires mounting and testing of the fan in each approved truss design above an actual fire. You know you have the right product for the application when the manufacturer provides the truss design numbers for which the product was tested. No design number - Not UL Listed for wood frame construction.

Air King Fire Rated Fans on the other hand are UL Listed for the greatest number of wood frame truss designs (see pages 25 and 26) at the time of this printing. Be sure you have the right product and save yourself a lot of time and trouble by starting with Air King.





Fire Rated Exhaust Fans



FEATURES

- Three part system that includes a housing, motor/blade/metal grill and damper
- 4" Round spring loaded metal damper protects against back drafts
- Solution for ASHRAE 62.2 continuous whole house ventilation (models FRAK50, FRAK80, FRAK100D)
- Hanger bar installation
- UL Listed for the following Wood Frame Construction truss designs:
L501 L502 L503 L506 L507 L508 L512 L513 L514 L515
L516 L517 L519 L522 L523 L533 L537 L545 L581 L583



ENERGY STAR® QUALIFIED FIRE RATED EXHAUST FANS					
	SINGLE SPEED				DUAL SPEED
	Can be used for ASHRAE 62.2 ventilation or activated by any wall mounted device.				*
MODEL	FRAK50	FRAK80	FRAK90	FRAK100	FRAK100D
Air Movement CFM @ .1 SP	50	80	90	100	100 / 50
Air Movement CFM @ .25 SP	32	68	78	86	86
Sound Sones @ .1 SP	0.3	1.0	1.5	1.5	1.5 / 0.5
Watts	26.4	28.1	29.9	29.9	29.9 / 26.4
Duct Size	4"	4"	4"	4"	4"
ENERGY STAR® Qualified	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	Whole Building / Local Ventilation
Contractor Pack	Motor - FAK50T Housing - AKFH2 Damper - AKFD2	Motor - FAK80T Housing - AKFH2 Damper - AKFD2	Motor - FAK90T Housing - AKFH2 Damper - AKFD2	Motor - FAK100T Housing - AKFH2 Damper - AKFD2	Motor - FAK100T Housing - AKFH2 Damper - AKFD2
Housing Size	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"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.

Fire Rated Exhaust Fans

UL555C
for Wood Frame
Construction







FEATURES

- Three part system that includes a housing, motor/blade/grill and damper
- Available in single packs or in contractor packs of 4
- Low profile and durable, all metal grill with a painted, white finish
- Easily installs using the included adjustable hanging brackets
- UL Listed for the following Wood Frame Construction truss designs:



L501 L502 L503 L506 L507 L508 L512 L513 L514 L515
L516 L517 L519 L522 L523 L533 L537 L545 L581 L583

EXHAUST FANS				
MODEL	FRAS50	FRAS60	FRAS70	FRAK130
Air Movement CFM @ .1 SP	50	60	70	130
Sound Sones @ .1 SP	3.0	4.5	5.0	3.0
Duct Size	3"	3"	3"	4"
ASHRAE 62.2	-	-	-	Local Ventilation
Contractor Pack	Motor - FA50T Housing - AKFH1 Damper - AKFD1	Motor - FA60T Housing - AKFH1 Damper - AKFD1	Motor - FA70T Housing - AKFH1 Damper - AKFD1	Motor - FAK130T Housing - AKFH2 Damper - AKFD2
Housing Size	7 $\frac{3}{4}$ "W x 7 $\frac{3}{4}$ "D x 5 $\frac{7}{8}$ "H	7 $\frac{3}{4}$ "W x 7 $\frac{3}{4}$ "D x 5 $\frac{7}{8}$ "H	7 $\frac{3}{4}$ "W x 7 $\frac{3}{4}$ "D x 5 $\frac{7}{8}$ "H	10 $\frac{7}{8}$ "W x 9 $\frac{3}{8}$ "D x 7 $\frac{7}{8}$ "H
Listings / Certifications	 			

Exhaust Fans with Light



FEATURES

- 13½" diameter round grill make unit easier to visually center within the room
- Frosted, ribbed glass light lens disperses light throughout the room
- 4" round duct collar with plastic damper protects against back drafts and ensures quiet operation

Decorative Quiet with Fluorescent Lighting Models (ASF701, ASF702, ASF703):

- Dual 26 watt high efficacy fluorescent lamps provides about the equivalent of 200 watts of incandescent lighting




Decorative Quiet with Incandescent Lighting Models (ASLC701, ASLC702, ASLC703):

- Up to 120 watts of lighting with 2 - 60 watt maximum standard bulbs (bulbs not included)

Decorative Incandescent Lighting Models (DRLC701, DRLC702, DRLC703):

- Up to 120 watts of lighting with 2 - 60 watt maximum standard bulbs (bulbs not included)



DECORATIVE EXHAUST FANS with LIGHT						
	MODEL	AKF701 / AKF702 / AKF703	AKLC701 / AKLC702 / AKLC703	DRLC701 / DRLC702 / DRLC703		
Air Movement CFM @ .1 SP		70	70	70		
Sound Sones @ .1 SP		2.5	2.5	4.0		
Duct Size		4"	4"	4"		
Finish		AKF701 - Oil Rubbed Bronze AKF702 - Nickel AKF703 - White	AKLC701 - Oil Rubbed Bronze AKLC702 - Nickel AKLC703 - White	DRLC701 - Oil Rubbed Bronze DRLC702 - Nickel DRLC703 - White		
ASHRAE 62.2		Local Ventilation	Local Ventilation	-		
Housing Size		7⅝"W x 7⅝"D x 5⅞"H	7⅝"W x 7⅝"D x 5⅞"H	7⅝"W x 7⅝"D x 5⅞"H		
Listings / Certifications						

Exhaust Fans with Light



FEATURES

- Moonstone glass light lens disperses the light evenly throughout the room
- Incandescent lighting utilizes up to a 100 watt standard bulb (bulb not included)
- Exhaust fan and lighting can be wired to operate separately
- Plastic damper protects against back drafts and ensures quiet operation
- Easily installs using the included adjustable hanging brackets

Deluxe Round Models (AK863L, AK864L):

- Round grill makes unit easier to visually center within room
- Model AK863L includes a 7 watt night light feature (bulb not included)

Deluxe Model (AK100L):

- Includes a 7 watt night light feature (bulb not included)

EXHAUST FANS WITH LIGHT			
MODEL	AK863L	AK864L	AK100L
Air Movement CFM @ .1 SP	100	100	100
Sound Sones @ .1 SP	3.5	3.5	2.5
Duct Size	4"	4"	4"
ASHRAE 62.2	-	-	Local Ventilation
Housing Size	9 $\frac{1}{8}$ "W x 9 $\frac{1}{4}$ "D x 5 $\frac{7}{8}$ "H	9 $\frac{1}{8}$ "W x 9 $\frac{1}{4}$ "D x 5 $\frac{7}{8}$ "H	9 $\frac{3}{8}$ "W x 10 $\frac{7}{8}$ "D x 7 $\frac{7}{8}$ "H
Listings / Certifications	 		

Exhaust Fans with Light



FEATURES

- Stylish grill with polycarbonate light lens that allows for easy relamping
- Fan and light can be wired to operate separately
- Plastic damper protects against back drafts and ensures quiet operation
- Easily installs using the using the double thick keyhole mounting tabs or the included adjustable hanging brackets
- Available in contractor packs (4 housings and 4 mbgs).




Model ASLC50, ASLC70:

Bright 100 watt maximum incandescent lighting (bulb not included)

Model ASF50, ASF70:

26 watt maximum fluorescent lighting is as bright as about a 100 watt incandescent bulb (lamp not included)



EXHAUST FANS WITH LIGHT				
MODEL	ASLC50	ASF50	ASLC70	ASF70
Air Movement CFM @ .1 SP	50	50	70	70
Sound Sones @ .1 SP	3.0	3.0	4.0	4.0
Duct Size	4"	4"	4"	4"
ASHRAE 62.2	Local Ventilation	Local Ventilation	-	-
Housing Size	7 $\frac{3}{8}$ "W x 7 $\frac{5}{8}$ "D x 5 $\frac{7}{8}$ "H	7 $\frac{3}{8}$ "W x 7 $\frac{5}{8}$ "D x 5 $\frac{7}{8}$ "H	7 $\frac{3}{8}$ "W x 7 $\frac{5}{8}$ "D x 5 $\frac{7}{8}$ "H	7 $\frac{3}{8}$ "W x 7 $\frac{5}{8}$ "D x 5 $\frac{7}{8}$ "H
Listings / Certifications	 			

Combination Heaters



FEATURES

- Moonstone glass light lens diffuses light throughout the room
- Metal duct connection collar and damper protects against back drafts
- Easily installs using the included adjustable hanging brackets

Combination Ceramic Heater Models (Heat/Light/Vent):

- Self regulating ceramic heating element provides safe ceramic warmth
- Able to be installed on a 15 amp circuit

Model AK55L: Bright 100 watt maximum incandescent lighting (bulb not included)

Model AKF55: 26 watt maximum fluorescent lighting is as bright as about a 100 watt incandescent bulb (lamp not included)

Deluxe Combination Heater Models (Heat/Light/Night Light/Vent):

- Control switches are included with the unit

Model AK965L: Bright 100 watt maximum incandescent lighting (bulb not included)

Model AKF965: 26 watt maximum fluorescent lighting is as bright as about a 100 watt incandescent bulb (lamp not included)



Ceramic Heater Element

The ceramic heating element produces heat by passing current through a self regulating ceramic heating element. The element adjusts itself to the surface temperature, regulating it to produce a constant heat. As air is passed through the element, it will adjust to maintain the temperature.



COMBINATION HEATERS



MODEL	AK55L	AKF55	AK965L	AKF965
Air Movement CFM @ .1 SP	70	70	70	70
Sound Sones @ .1 SP	5.0	5.0	3.5	3.5
Duct Size	4"	4"	4"	4"
Heating Element	1350 watt ceramic	1350 watt ceramic	1500 watt NiChrome wire	1500 watt NiChrome wire
Housing Size	14½"W x 8⅝"D x 6½"H	14½"W x 8⅝"D x 6½"H	14½"W x 8⅝"D x 6½"H	14½"W x 8⅝"D x 6½"H
Listings / Certifications	 			

Bulb Heaters



FEATURES

- Rated type IC for ceiling insulated to R-40
- Utilizes 250 watt maximum type R40 medium base infrared lamp (lamp not included)
- Easily installs using the included adjustable hanging brackets

Model AK912: 250 Watt maximum single bulb heater (bulb not included)

Model AK917: 250 Watt maximum single bulb heater (bulb not included)
4" plastic damper protects against back drafts and ensures quiet operation

Model AK922: 2-250 Watt maximum dual bulb heater (bulbs not included)

Model AK927: 2-250 Watt maximum dual bulb heater (bulbs not included)
4" plastic damper protects against back drafts and ensures quiet operation

BULB HEATERS				
				
MODEL	AK912	AK917	AK922	AK927
Air Movement CFM @ .1 SP	-	70	-	70
Sound Sones @ .1 SP	-	3.5	-	3.5
Duct Size	-	4"	-	4"
Housing Size	8"W x 8"D x 5 $\frac{7}{8}$ "H	8"W x 8"D x 5 $\frac{7}{8}$ "H	8"W x 13 $\frac{7}{8}$ "D x 5 $\frac{7}{8}$ "H	8"W x 13 $\frac{7}{8}$ "D x 5 $\frac{7}{8}$ "H
Listings / Certifications				

Switches and Timers

ON/OFF SWITCHES

Model AKS2: White rocker style switch that allows the user independent on/off control of 2 functions such as fan and light.

Model AKS3: White rocker style switch that allows the user independent on/off control of 3 functions such as fan, light and night light.

Model AKS4: White rocker style switch that allows the user independent on/off control of 4 functions such as fan, light, night light, and additional room light.

TIMER SWITCHES

Model AKPT62: White, 24 hour - 7 day programmable switch with 7 On and 7 Off events per day and single push button controls One touch push button override and LCD display screen. Includes rechargeable battery that provides up to 30 days of battery backup. **Rated for Fluorescent lights, Motors up to 1 HP, 15A Resistive/Tungsten.** Ideal for ASHRAE 62.2 installations and exhaust fans used to comply with the California Title 24 requirements.

Model AKEDT2: White or Almond color (both color options included with the switch) electronic delay timer that turns the fan and light on simultaneously while offering an electronic, automatic delay timer that allows the user to turn the light off while the fan continues to operate for an additional 20, 40, or 60 minutes before automatically turning off. The duration of operation time for the fan can easily be adjusted with the touch of the electronic button. **Rated for Fluorescent lights.**

Model AKDT60W: White, delay timer that turns the fan and light on simultaneously while offering an automatic delay timer that allows the user to turn the light off while the fan continues to operate for an additional preset time before automatically turning off. The duration of operation time for the fan can be adjusted from 1 to 60 minutes. Also available in Ivory color - Model **AKDT60I**.

Model AKDT63W: White, delay timer that turns the fan and light on simultaneously while offering an automatic delay timer that allows the user to turn the light off while the fan continues to operate for an additional preset time before automatically turning off. The duration of operation time for the fan can be adjusted from 1 to 60 minutes. Switch features a center Off position that allows the user to turn all functions off when selected. Also available in Ivory color - Model **AKDT63I**.

Models AKT120, AKT8H: White or Almond color (both color options included with the switch) timer that allows the user to electronically set the time up to 120 minutes (AKT120) in 15 minute increments or 8 hours (AKT8H) in 1 hour increments using the touch pad controls.

Models AKT60, AKT15: White or Almond color (both color options included with the switch) timer that allows the user to set the time up to 60 minutes (AKT60) or 15 minutes (AKT15).

SENSOR CONTROLS

Model AKOSW: White, occupancy sensor automatically turns the fan on when the room is occupied and continues to run for up to 30 minutes after the room is vacated. **Rated for Fluorescent lights** and the wall plate is included. Also available in Ivory color - Model **AKOSI**.

Model AKVSW: White, vacancy sensor is manually turned on with the push button power switch then automatically turns the fan off after 30 minutes once the room is no longer occupied. **Rated for Fluorescent lights** and the wall plate is included. **California Title 24 compliant.** Also available in Ivory color - Model **AKVSI**.

SPECIALTY CONTROLS

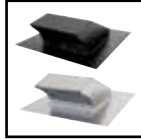
Model DH55: White, dehumidistat automatically turns the unit on/off according to the humidity level of the room and is easily adjusted to maximize the system.

Model AKT724H: White, electromechanical switch features an AM/PM dial format, capable of up to 36 on/off cycles per 24 hours with a manual OFF-ON-AUTO setting. Fits standard electrical boxes and includes a white wall plate.

Accessories



RCB810: Includes plastic 4" round roof cap, 8' of 4" round flexible ducting, 3" to 4" adapter and 2 zip ties

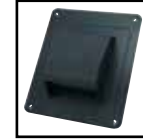


Roof caps with bird screens and dampers

PRC10R: Black, accepts 10" round ducting

PRC8R: Galvanized steel, accepts 8" round ducting

PRC6R: Galvanized steel, accepts 6" round ducting



RCB: ABS Plastic roof cap with damper and bird screen. Accepts up to 4" round ducting

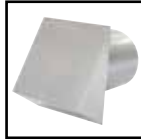
WALL CAPS



Aluminum wall caps with dampers

WC3NS: 3" round ducting

WC4NS: 4" round ducting



Wall caps with dampers

PWC10R: Galvanized steel, accepts 10" round ducting

PWC8R: Galvanized steel, accepts 8" round ducting

PWC6R: Galvanized steel, accepts 6" round ducting

LIGHT FIXTURES



26SBL: GU24 26 watt high efficacy self ballasted fluorescent lamp



18SBL: GU24 18 watt high efficacy self ballasted fluorescent lamp



50WHA: 50 watt halogen lamp, UL approved for wet locations for use with Air King inline series



26WFB: 26 watt, high efficacy compact fluorescent 4 pin triple tube lamp



14WFW: Wet location compact fluorescent 4 pin lamp for use with Air King inline series

DUCTING ACCESSORIES



Metal back draft dampers

BDD4R: 4" round ducting

BDD6R: 6" round ducting

BDD8R: 8" round ducting

BDD10R: 10" round ducting



AK46R: Galvanized steel 4" round to 6" round duct transition

AK34R: Galvanized steel 3" round to 4" round duct transition



Insulated flexible ducting, 25' sections, R-4.2

AKIFD4: 4" round

AKIFD6: 6" round

AKIFD8: 8" round

AKIFD10: 10" round

CONTRACTOR PACKS

HOUSINGS	MOTOR/BLADE/GRILL	# PER PACK	CFM/SONES	DUCT SIZE	SINGLE PACK PAGE
ENERGY STAR® QUALIFIED SERIES					
AK-1HSG	AK80LS1M	4	80/1.0	4" plastic	14
	AK80MBG	4	80/1.5	4" plastic	14
	AK90MBG	4	90/1.5	4" plastic	14
	AK110PNT	4	100/1.5	4" plastic	14
AK150HSG	AK150LST	2	150/1.5	6" metal	13
BFQHSG	BFQ50T	4	50/0.5	4" plastic	15
	BFQ75T	4	70/1.5	4" plastic	15
	BFQ80T	4	80/2.0	4" plastic	15
AKFLSHSG	AKF80T	4	80/0.8	4" metal	20
	AKF100T	4	100/1.5	4" metal	20
HIGH PERFORMANCE SERIES					
BFQHSG	BFQ90MBG	4	90/2.5	4" plastic	15
	BFQ110MBG	4	100/3.5	4" plastic	15
	BFQ140MBG	4	120/4.0	4" plastic	15
ADVANTAGE SERIES					
ASHSG	AS50MBG	6	50/3.0	3" plastic	18
	AS60MBG	6	60/4.0	3" plastic	18
	AS70MBG	6	70/4.0	3" plastic	18

HOUSINGS	MOTOR/BLADE/GRILL	# PER PACK	CFM/SONES	DUCT SIZE	SINGLE PACK PAGE
ADVANTAGE SERIES					
AWCHSG ⁴	AS50MBG	6	50/3.0	3" plastic	18
	AS60MBG	6	60/4.0	3" plastic	18
	AS70MBG	6	70/4.0	3" plastic	18
	AS70MBG	6	70/4.0	3" metal	18
ASMTLHSG	AS50MBG	6	50/3.0	3" metal	18
	AS60MBG	6	60/4.0	3" metal	18
	AS70MBG	6	70/4.0	3" metal	18
ATLHSG	AS50MBG	6	50/3.0	4" plastic	18
	(model AS54 utilizes ATLHSG and AS50MBG)				
	AS60MBG	6	60/4.0	4" plastic	18
	AS70MBG	6	70/4.0	4" plastic	18
ADVANTAGE SERIES WITH LIGHT					
ASLCHSG	ASLC50MB	4	50/3.0	4" plastic	24
	ASF50MB	4	50/3.0	4" plastic	24
	ASLC70MB	4	70/4.0	4" plastic	24
	ASF70MB	4	70/4.0	4" plastic	24
COMBINATION CERAMIC HEATERS					
AK55HSG	AK55LT	1	70/5.0	4" metal	26

⁴ Wago® Quick Connect Housing, includes Wago® Wall Nuts™ for wiring connection

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

Specifications



MODEL	CFM	SONES	SOUND LEVEL	LIGHTING	ENERGY STAR	CALGREEN	ASHRAE 62.2	LISTING	DUCT SIZE	HOUSING SIZE	PAGE
AS60	60	4.0	Moderate	N/A	NO	NO	NO	UL	3"	7 1/4"W x 7 1/4"D x 3 3/4"H	20
AS70	70	4.0	Moderate	N/A	NO	NO	NO	UL	3"	7 1/4"W x 7 1/4"D x 3 3/4"H	20
EWf-180	180	6.5	High	N/A	NO	NO	NO	UL	8"	14 1/4"W x 4 5/8"D x 9 1/2"H	21
AIF4X	100	N/A	N/A	N/A	YES	NO	NO	UL	4"	9 1/2"Dia. x 9 3/8"H	22
AIF6Y	230	N/A	N/A	N/A	YES	NO	NO	UL	6"	11 3/4"Dia. x 9 7/8"H	22
AIF8X	360	N/A	N/A	N/A	YES	NO	NO	UL	8"	13 1/4"Dia. x 12 1/4"H	22
AIF10X	600	N/A	N/A	N/A	NO	NO	NO	UL	10"	13 1/4"Dia. x 12 1/4"H	23
FRAK50	50	0.3	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 3/4"W x 9 1/4"D x 7 7/8"H	25
FRAK80	80	1.0	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 3/4"W x 9 1/4"D x 7 7/8"H	25
FRAK90	90	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	10 3/4"W x 9 1/4"D x 7 7/8"H	25
FRAK100	100	1.5	Quiet	N/A	YES	Other Rooms	Local	UL	4"	10 3/4"W x 9 1/4"D x 7 7/8"H	25
FRAK100D	100/50	1.5/0.5	Very Quiet	N/A	YES	Other Rooms	Whole Building/Local	UL	4"	10 3/4"W x 9 1/4"D x 7 7/8"H	25
FRAS50	50	3.0	Quiet	N/A	NO	NO	NO	UL	3"	7 3/4"W x 7 3/4"D x 5 7/8"H	26
FRAS60	60	4.5	Moderate	N/A	NO	NO	NO	UL	3"	7 3/4"W x 7 3/4"D x 5 7/8"H	26
FRAS70	70	5.0	High	N/A	NO	NO	NO	UL	3"	7 3/4"W x 7 3/4"D x 5 7/8"H	26
FRAK130	130	3.0	Quiet	N/A	NO	NO	Local	UL	4"	10 7/8"W x 9 3/8"D x 7 7/8"H	26
AKF701	70	2.5	Quiet	Fluorescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
AKF702	70	2.5	Quiet	Fluorescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
AKF703	70	2.5	Quiet	Fluorescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
AKLC701	70	2.5	Quiet	Incandescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
AKLC702	70	2.5	Quiet	Incandescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
AKLC703	70	2.5	Quiet	Incandescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
DRLC701	70	4.0	Moderate	Incandescent	NO	NO	NO	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
DRLC702	70	4.0	Moderate	Incandescent	NO	NO	NO	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
DRLC703	70	4.0	Moderate	Incandescent	NO	NO	NO	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	27
AK863L	100	3.5	Moderate	Incandescent	NO	NO	NO	UL	4"	9 1/8"W x 9 1/4"D x 5 7/8"H	28
AK864L	100	3.5	Moderate	Incandescent	NO	NO	NO	UL	4"	9 1/8"W x 9 1/4"D x 5 7/8"H	28
AK100L	100	2.5	Quiet	Incandescent	NO	NO	Local	UL	4"	9 3/8"W x 10 7/8"D x 7 7/8"H	28
ASLC50	50	3.0	Quiet	Incandescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	29
ASF50	50	3.0	Quiet	Fluorescent	NO	NO	Local	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	29
ASLC70	70	4.0	Quiet	Incandescent	NO	NO	NO	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	29
ASF70	70	4.0	Quiet	Fluorescent	NO	NO	NO	UL	4"	7 3/8"W x 7 5/8"D x 5 7/8"H	29
AK55L	70	5.0	High	Incandescent	NO	NO	NO	UL	4"	14 1/2"W x 8 3/8"D x 6 1/2"H	30
AKF55	70	5.0	High	Fluorescent	NO	NO	NO	UL	4"	14 1/2"W x 8 3/8"D x 6 1/2"H	30
AK965L	70	3.5	Moderate	Incandescent	NO	NO	NO	UL	4"	14 1/2"W x 8 3/8"D x 6 1/2"H	30
AKF965	70	3.5	Moderate	Fluorescent	NO	NO	NO	UL	4"	14 1/2"W x 8 3/8"D x 6 1/2"H	30
AK912	N/A	N/A	N/A	Heat Lamp	NO	NO	NO	UL	N/A	8"W x 8"D x 5 7/8"H	31
AK917	70	3.5	Moderate	Heat Lamp	NO	NO	NO	UL	N/A	8"W x 8"D x 5 7/8"H	31
AK922	N/A	N/A	N/A	Heat Lamp	NO	NO	NO	UL	N/A	8"W x 13 7/8"D x 5 7/8"H	31
AK927	70	3.5	Moderate	Heat Lamp	NO	NO	NO	UL	N/A	8"W x 13 7/8"D x 5 7/8"H	31

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THOUGHT ABOUT VENTILATION LATELY?



ENERGY STAR® PARTNER OF THE YEAR

Air King offers a full line of ENERGY STAR qualified exhaust fans and range hoods to fit all budgets and ventilation needs. These products along with Air King's commitment to energy efficiency education have earned the honor of being named the 2012 ENERGY STAR Partner of the Year.



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