



AXC Range Hood Exhaust Fans

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Quiet, Powerful Exhaust



Whether one is an active parent on the go, or a clandestine gourmet chef moonlighting at a day job, the kitchen is the heart of a home. This is where the household congregates for breakfast, reviews daily activities and enjoys family dinners.

All too often, the enjoyment of this space can be marred by smoke and odors due to an inefficient range hood. Continental Fan's AXC Range Hood Exhaust Fans provide strong yet quiet exhaust, and improve the efficiency of a range hood. AXC Fans offer superior performance over traditional in-hood fans by means of their powerful motor, in-line duct design and remote mount feature.

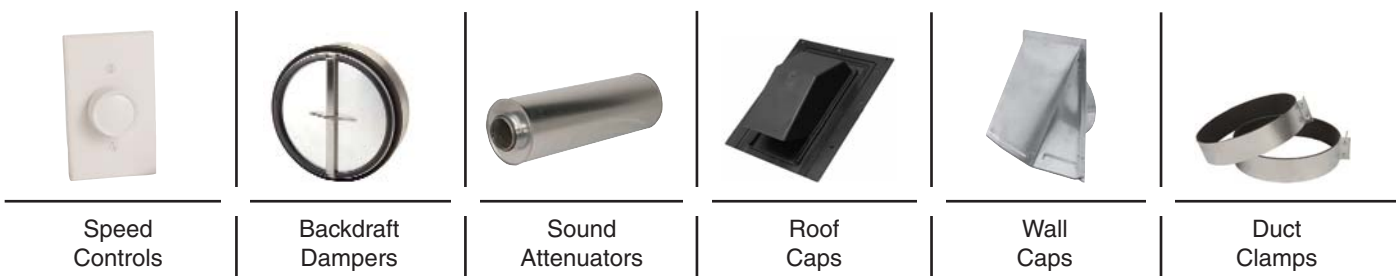


Design Features

- Quiet, powerful, compact; the most user-friendly fan in the industry
- Exclusive mounting brackets included for simple installation
- 120V operation (available in 220V; contact factory for details)
- Speed controllable using solid state speed control (optional)
- Rugged, heavy gauge, drawn steel housing
- Baked epoxy finish inside and out for corrosion protection
- Backward-curved fan impeller:
 - ✓ Operates at low sound levels
 - ✓ Overcomes high static pressure
 - ✓ Will not stall or overload motor at low airflows
- External rotor motor design results in superior motor cooling and durability
- Permanently lubricated ball bearing motors for maintenance free operation
- Automatic reset thermal overload protection
- Five year warranty

Available Accessories

A full range of accessories is available to suit each custom application:



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Applications

AXC Range Hood Exhaust Fans may be used as principle exhaust fans or as booster fans to improve the efficiency of existing residential range hoods. AXC fans may be speed controlled with an independent speed controller, or by tying into an existing range hood controller. Rugged, heavy gauge housings have a baked epoxy coating inside and out for superior corrosion protection.

How to size a Range Hood Exhaust Fan

The following recommendations follow guidelines published by the Home Ventilating Institute (HVI):

- For a Wall Mounted Range Hood:
 - 100 cfm per foot of hood width
 - i.e. a 36" range would require a minimum 300 cfm
- For an Island Style Range Hood:
 - 150 cfm per foot of hood width
 - i.e. a 36" range would require a minimum 450 cfm

Note: Local building codes, as well as any recommendations provided by the range and range hood manufacturers, should be consulted before making a fan selection.

Helpful Tips

- Prior to selecting product and materials, consult local building codes.
- A range hood grease filter, commonly found in pre-fabricated hoods, must be used in conjunction with AXC fans.
- AXC fans may be mounted at any angle.
- AXC fan sound levels decrease as the installation distance from the range hood increases.



Performance Data

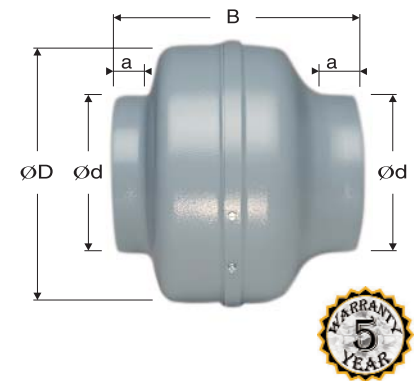
MODEL	WATTS	AMPS	RPM	dBA*	CUBIC FEET PER MINUTE										
					0"SP	1/8"SP	1/4"SP	3/8"SP	1/2"SP	3/4"SP	1"SP	1 1/4"SP	1 1/2"SP	2"SP	3"SP
AXC100A	55	0.57	1750	44	106	99	93	87	80	68	55	39			
AXC100B	85	0.69	2400	54	152	146	139	131	124	106	82	66	33		
AXC125A	62	0.58	1650	36	159	127	100	82	68	34					
AXC125B	85	0.70	2350	53	212	185	162	145	128	79	32				
AXC150A	80	0.75	2500	54	247	225	202	178	161	132	92	50			
AXC150B	72	0.73	2580	55	309	271	237	202	171	132	107	88	15		
AXC200A	72	0.72	2550	56	418	397	366	339	306	233	174	110	56		
AXC200B	160	1.52	2700	60	636	618	557	521	494	412	353	271	190	78	
AXC250	250	1.94	2650	63	695	659	610	541	500	359	279	197	125	41	
AXC300A	190	2.07	2650	68	865	824	765	736	677	553	459	365	283	124	
AXC300B	345	2.78	2765	74	1198	1165	1052	981	945	796	615	453	363	178	65
AXC355A	334	2.88	1360	57	1325	1220	1105	985	860	688	550	400	238		
AXC355B	830	7.81	2900	77	1400	1375	1360	1335	1285	1220	1135	1075	1000	880	675

Dimensional Data

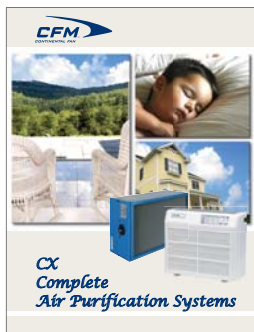
MODEL	D (in.)	d (in.)	a (in.)	B (in.)	WT (lbs)
AXC100A	9.5	3.9	1.0	8.3	6.5
AXC100B	9.5	3.9	1.0	8.3	6.5
AXC125A	9.5	4.8	1.0	8.3	6.5
AXC125B	9.5	4.8	1.0	8.3	6.5
AXC150A	9.5	5.8	1.0	8.3	6.5
AXC150B	13.2	5.8	1.0	9.1	11.0
AXC200A	13.2	7.8	1.0	9.1	11.0
AXC200B	13.2	7.8	1.0	9.1	11.0
AXC250	13.2	9.8	1.0	9.1	11.0
AXC300A	15.9	11.8	1.2	11.8	18.0
AXC300B	15.9	11.8	1.2	11.8	20.0
AXC355A	19.0	14.0	1.5	15.7	26.0
AXC355B	19.0	14.0	1.5	15.7	31.0

* The sound pressure level dBA has been measured in accordance with the international standard ISO 3744. It is the average free field value taken at a radius of 1 meter from the fan, fully ducted, and located above a reflecting plane.

At present, there is no standard for some level testing of remote mounted fans. Sound levels can be affected by the type of duct used, size of duct, distance of the fan from the interior grille/diffuser, and other pertinent factors. Sound tests that do not consider these factors are irrelevant.



Additional CFM Products



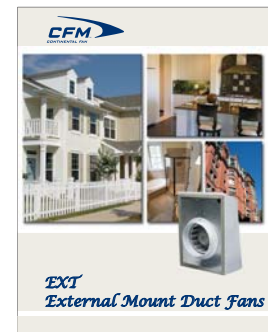
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