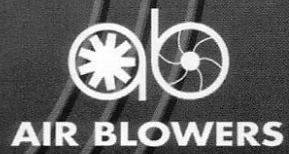
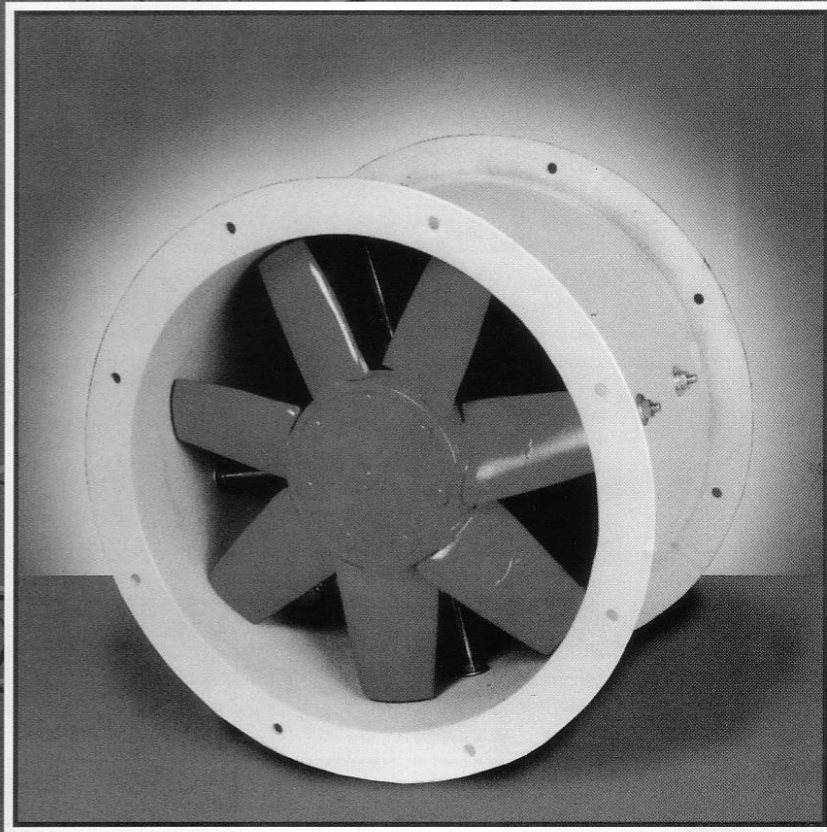


AX

S E R I E S

AB AXIAL FANS



AX SERIES

AB AXIAL FANS

The AX series of axial fans are designed for a wide range of industrial and commercial ventilation applications. The AX series range of axial fans are constructed in seven standard adjustable pitch impeller diameters comprising of 41 models with air volume ranging from 840 cfm to 100,000 cfm.

The AX series are light and robust in construction with an efficient balance between electrical consumption and performance. The fans are engineered to a high standard and are suitable for a wide range of applications.

Motor

Motors are totally-enclosed non-ventilated squirrel cage induction type which meet the latest British Standard (BS) and other International Standards.

Standard motors are of class 'F' insulation and are suitable for operation in ambient temperatures ranging from -20° C to 50° C. Class 'H' insulation motors may be supplied upon request. Pad mounted motors are standard up to 3.7KW (5 HP). Foot mounted motors are standard above 3.7 KW.

The standard voltage is 3P/415V/50Hz however, 1P/240V/50Hz motors are optional. D.O.L starting are standard up to 3KW and Star-Delta starting are standard for motors above 3KW.

Impeller

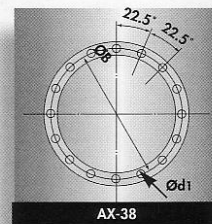
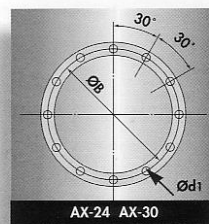
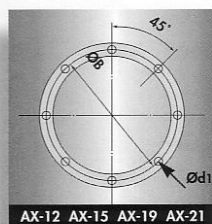
The impeller are of airfoil shape and are of die-casted aluminium alloy for high durability and consistency in strength whilst eliminating unnecessary weight. The blade pitch angle shall be individually adjustable and the blade pitch angles varies from 8° to 32° in 4° steps. The fan hub is also of die-casted aluminium alloy for light weightness and high durability. For 960mm diameter fans, the impeller and hub are of high strength cast aluminium.

Casing

The fan casing is of cold-rolled steel with welded flanges. Sizes available are as follows:

- a) Standard Medium casing (motor partially covered)
- b) Hot Dipped Galvanised - for heavy duty usage and protection against rough conditions or weather.
- c) Spray painted - for general purpose.

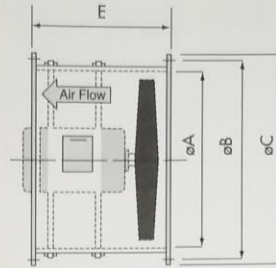
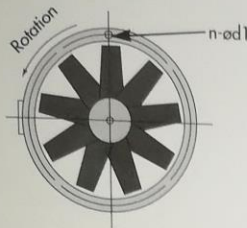
Flange Drillings



Air Blowers



Dimension



(mm)

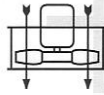
MODEL NO.	FRAME NO.	OUTPUT (kw)				NUMBERS OF BLADE	A	B	C	E	n-ød	WEIGHT (Kgf)
		2P	4P	6P	8P							
AX-12	63	0.18	0.18	-	-	7	310	350	390	250	8-10.5	18
	71	0.37	0.37	0.18	-	7	310	350	390	250	8-10.5	22
	80	0.56, 0.75	-	0.37	-	7	310	350	390	250	8-10.5	26
AX-15	63	-	0.18	-	-	7	390	430	470	250	8-10.5	22
	71	0.37	0.37	0.18	-	7	390	430	470	250	8-10.5	26
	80	0.75, 1.1	-	0.37	-	7	390	430	470	250	8-10.5	30
	90S	1.5	-	-	-	7	390	430	470	250	8-10.5	36
AX-19	63	-	0.18	-	-	7	490	530	570	300	8-10.5	27
	71	-	0.37	-	-	7	490	530	570	300	8-10.5	31
	80	1.1	0.56, 0.75	0.37	-	7	490	530	570	300	8-10.5	35
	90S	1.5	-	-	-	7	490	530	570	300	8-10.5	42
	90L	2.2	-	-	-	7	490	530	570	300	8-10.5	42
	100L	3	-	-	-	7	490	530	570	400	8-10.5	55
	112M	4	-	-	-	7	490	530	570	400	8-10.5	70
AX-21	132S	5.5	-	-	-	7	490	530	570	450	8-10.5	90
	71	-	0.37	0.18	-	9	540	580	620	380	10.5-12	45
	80	-	0.56, 0.75	0.37	-	9	540	580	620	380	10.5-12	45
	90S	-	1.1	-	-	9	540	580	620	380	10.5-12	55
	90L	-	1.5	-	-	9	540	580	620	380	10.5-12	55
	112M	3.7	-	-	-	9	540	580	620	380	10.5-12	75
	132S	5.5, 7.5	-	-	-	9	540	580	620	400	10.5-12	100
AX-24	160M	11	-	-	-	9	540	580	620	560	10.5-12	190
	71	-	-	0.18	-	9	615	665	715	380	10.5-12	43
	80	-	0.75	0.37	-	9	615	665	715	380	10.5-12	47
	90S	-	1.1	-	-	9	615	665	715	380	10.5-12	45
	90L	-	1.5	-	-	9	615	665	715	380	10.5-12	54
	100L	-	2.2	-	-	9	615	665	715	380	10.5-12	61
AX-30	90S	-	-	0.75	-	9	770	820	870	400	10.5-12	76
	90L	-	-	1.1	-	9	770	820	870	400	10.5-12	76
	100L	-	2.2	1.5	0.75	9	770	820	870	400	10.5-12	84
	112M	-	3.7	2.2	1.5	9	770	820	870	400	10.5-12	100
	132S	-	5.5	-	-	9	770	820	870	460	10.5-12	130
	132M	-	7.5	-	-	9	770	820	870	460	10.5-12	145
AX-38	100L	-	-	1.5	0.75	10	970	1020	1070	460	10.5-16	120
	112M	-	-	2.2	1.5	10	970	1020	1070	460	10.5-16	130
	132S	-	5.5	3	2.2	10	970	1020	1070	460	10.5-16	155
	132M	-	7.5	3.7, 4.5, 5.5	-	10	970	1020	1070	460	10.5-16	165
	160M	-	11	7.5	3.7	10	970	1020	1070	600	10.5-16	220
	160L	-	15	-	-	10	970	1020	1070	600	10.5-16	240
	180M	-	18.5	-	-	10	970	1020	1070	600	10.5-16	290
	180L	-	22	-	-	10	970	1020	1070	650	10.5-16	310

Form Of Running

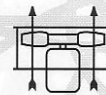
The form of running (direction of air flow through the fan and the fan mounting position) should always be specified when ordering



Form A



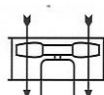
Form A



Form AU



Form B
Standard



Form BD



Form BU

Ordering And Enquiry Information

To facilitate quotations and dispatch of order, please give us the following information :

- 1) Air volume (CFM)
- 2) Static pressure (INS. WG)
- 3) Electrical supply (phase/voltage/cycles)
- 4) Type of motor (mounting type and insulation class)
- 5) Ambient conditions
- 6) Fan diameter and motor frame number

Due to our policy of continuous development and improvement, we reserve the right to supply products which may differ slightly from those specified in this publication.



Made in Malaysia



AIR-BLOWERS

Distributor

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59100 Kuala Lumpur, Malaysia. Tel : 603-51622017, 51622018 Fax: 603-51623135