



FANQUIP

Axial Flow Fans

Direct Drive and Belt, Drive Axial Fans
Export Quality, Heavy Duty, Light Weight



Call Toll Free: 1300 224 308

Direct Drive Models

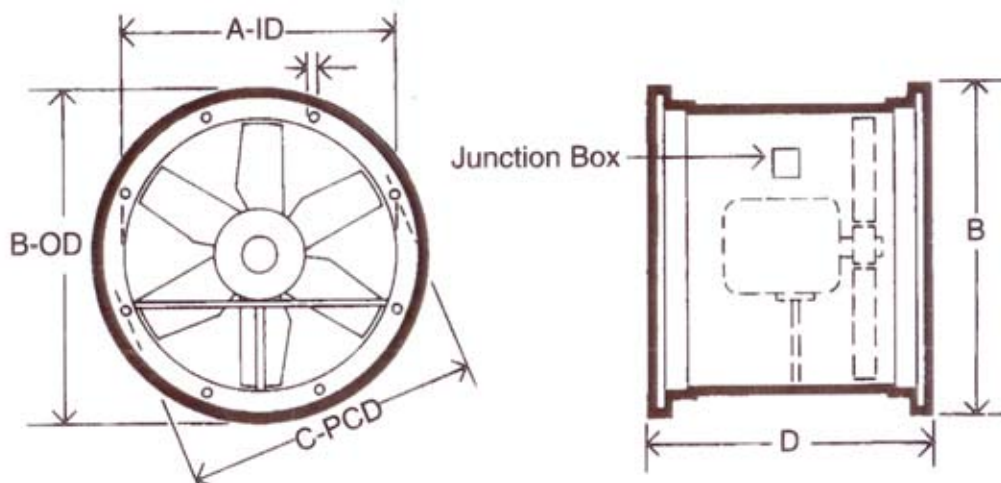
PERFORMANCE DATA

Performance Data	Model Number	Fan Dia. mm	Motor Speed r/s	Motor Power kW	*Noise dBA @ 3m	Impeller Number	Free Air l/s	At 32Pa l/s	At 63Pa l/s	At 125Pa l/s	At 250Pa l/s
	2-30243	300	24	0.19	64	6-34	654	569	432		
	2-30483	300	48	0.75	71	6-32	1379	1306	1233	1148	881
	2-40163	400	16	0.19	57	6-38	1117	849			
	2-40243	400	24	0.19	66	6-38	1280	1184	1053		
	2-40483	400	48	1.5	76	6-26	2576	2520	2468	2377	2205
	2-50163	500	16	0.19	67	6-30	1967	1889	1319		
	2-50243	500	24	0.37	73	6-18	2159	1954	1897	1542	
	2-60163	600	16	0.37	71	6-30	3274	2912	2458		
	2-60243	600	24	0.75	80	6-18	3638	3439	3287	2821	
	2-61243	600	24	1.5	82	6-31	4963	4725	4489	3907	
	2-70163	700	16	0.75	73	6-30	4415	3903	3670		
	2-70243	700	24	1.5	84	6-24	5820	5619	5413	4645	3729
	2-80123	800	12	0.55	70	6-33	6079	4917	3815		
	2-80163	800	16	1.1	75	6-30	6773	6452	6115		
	2-80243	800	24	2.2	87	6-14	7100	6743	6279	5733	4778
	2-81243	800	24	4	89	6-24	9228	9145	8736	8517	7644

*Noise level is indicative and should only be used to indicate relative values as actual figures depend on the fan and relevant field conditions. All sizes etc shown are normal - Subject to change without notice.

DIMENSIONS

Fan Diameter mm	A mm	B mm	C mm	D mm	E mm	No. of E
300	305	355	330	410	8	6
400	410	460	435	410	8	6
500	510	560	535	510	8	6
600	610	674	642	610	8	8
700	710	774	742	610	8	8
800	810	890	850	610	10	8
900	910	990	950	810	10	8
1000	1015	1095	1055	810	12	8
1100	1120	1200	1160	810	12	8
1200	1220	1320	1270	810	12	12
1500	1525	1625	1575	910	12	12



Vee Belt Drive Models

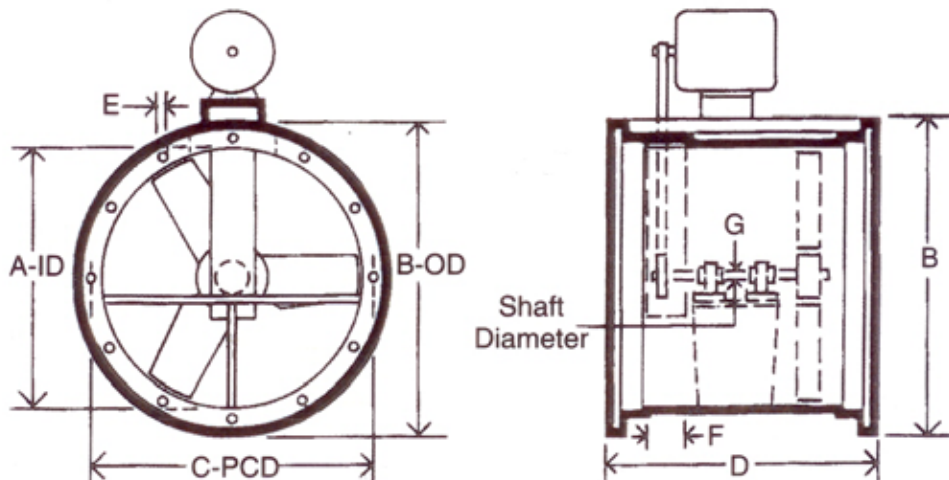
PERFORMANCE DATA

Performance Data	Model Number	Fan Dia. mm	Motor Speed r/s	Motor Power kW	*Noise dBA at 3m	Free Air l/s	At 32Pa l/s	At 63Pa l/s	At 125Pa l/s	At 250Pa l/s
	2-30243	300	24	0.25	64	654	569	432		
	2-30483	300	48	0.75	71	1379	1306	1233	1148	881
	2-40243	400	24	0.25	66	1280	1184	1053		
	2-40483	400	48	1.5	76	2576	2520	2468	2377	2205
	2-50243	500	24	0.55	73	2400	2120	1950		
	2-60163	600	16	0.37	71	3274	2912	2458	1542	
	2-60243	600	24	1.1	80	4300	3439	3287		
	2-70163	700	16	1.1	73	5100	4703	4180	2821	
	2-70243	700	24	1.5	84	5820	5619	5413	4645	3729
	2-80123	800	12	0.55	70	6079	4917	3815		
	2-80163	800	16	1.1	75	6773	6452	6115		
	2-80243	800	24	3	87	9000	8660	7970	7240	5778
	2-10163	1000	16	2.2	81	11600	10900	10200	9740	8340

*Noise level is indicative and should only be used to indicate relative values as actual figures depend on the fan and relevant field conditions. All sizes etc shown are normal - Subject to change without notice.

DIMENSIONS

Fan Diameter mm	A mm	B mm	C mm	D mm	E mm	No. of E	F mm	G mm
300	305	355	330	410	8	6	102	25
400	410	460	435	410	8	6	102	25
500	510	560	535	510	8	6	102	25
600	610	674	642	610	8	8	102	25
700	710	774	742	610	8	8	102	38
800	810	890	850	610	10	8	102	38
900	910	990	950	810	10	8	102	38
1000	1015	1095	1055	810	12	8	150	38
1100	1120	1200	1160	810	12	8	150	38
1200	1220	1320	1270	810	12	12	150	50
1500	1525	1625	1575	910	12	12	150	50





Axial Flow Fans

General Description

Fanquip Axial Flow Fans have been designed to remove and dispense contaminated air from industrial processes which generate dust, steam, heat or other noxious emission.

Direct Drive and Vee Belt types are available in a comprehensive range with fan diameters ranging from 300mm to 2500mm.

Fanquip Direct Flow Fans are ideal for ducted extraction of relatively clean air, such as with spray booths, dust, heat and steam. The Vee Belt models are specifically designed for high temperatures, or highly flammable or corrosive fumes. If required, drum casings can be proofed for protection against specific corrosives (e.g. stainless steel or alloy casings).

Both Fanquip Axial Flow Fan types are available using adjustable pitch GRP (glassfibre reinforced polypropylene), or cast aluminium aerofoil impellers. The drum is manufactured of 3, mild steel, primed with red oxide and enamel finished. The units are fitted with Single Phase 240V or Three Phase 415V, heavy duty motors of rugged construction, which incorporate sealed ball bearings to reduce operating noise. Long life bearings reduce levels of mechanical wear, and the Vee Belt models have a removable inspection plate giving ready access, easy cleaning and servicing of blades and the bearing drive assembly.

Technical Advice

Industrial Fan Equipment Pty Ltd (Fanquip) has technical consultants available to give advice on the correct choice of Wall Plate Exhaust Fans for your needs.

Allied Products, Availability

Fanquip products include Circulators, Axial Fans, Attenuators, Centrifugal Blowers, Cooling Tower Fans, Industrial and Rural Roof and Wall Fans, Heater Fans and Mancoolers, and the range is available direct from Industrial Fan Equipment and the company's authorised dealers.

Motors

Direct Drive and Vee Belt Drive Axial Fans are fitted with a heavy duty motor with sealed ball bearings for quiet running. All motors are totally enclosed, with weatherproof and tropic proof enclosure available upon request.

Optional Accessories

Mounting feet, inlet cone, guards, matching flanges, spring hangers and RIS mounts are available as requested.

Installation and Maintenance

The procedures as outlined in Fanquip installation, operation and maintenance instructions (separate leaflet), should be followed to ensure satisfactory performance and service life.

Warranty

Twelve months guarantee on mechanical and electrical componentry subject to satisfactory maintenance with assessment and rectification, if any, to take place after return by customer to Fanquip's workshop.

