

# Direct Drive Axial Fan.

Product datasheet



 **FANQUIP**

# Direct Drive Axial Fan.

Fanquip's Direct Drive Axial Fans are engineered to remove and dispense contaminated air from commercial or industrial processes. Axial Fans are ideal for extracting dust, steam, heat or other noxious emissions from both ducted and non-ducted applications.

Fanquip's Axial Fan are proudly made in Australia with adjustable GRP (Glassfiber Reinforced Polypropylene) adjustable pitch blades or a cast aluminium air foil impeller. The heavy industrial rolled fan casing is manufactured with 3mm steel with a hot dip galvanised finish. Available in either single-phase 240V or three-phase 415V with heavy-duty IP55 motors. Our comprehensive Axial Fan range is available with fan diameters ranging from 300mm to 2200mm.

## Key features.



- ✓ Heavy industrial rolled steel casing
- ✓ Hot dip galvanised finish
- ✓ IP55 motor
- ✓ GRP adjustable pitch blades
- ✓ Made in Australia

## Applications.

The Direct Drive Axial Fan has an extensive range of applications.

### Installation locations.

- ✓ Factories
- ✓ Warehouses
- ✓ Underground mining
- ✓ Processing plants
- ✓ Machinery

### Extraction applications.

- ✓ Fumes
- ✓ Contaminated air
- ✓ Heat
- ✓ Steam



### Options.

- Aluminium or stainless steel casings
- Powder coated finish
- Bifurcated casing design
- Aluminium adjustable pitch blades
- Straightening vanes
- Smoke spill rated
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Inlet and outlet finger guards

### Technical advice.

Fanquip have technical consultants to provide guidance on the specifications required to suit your Direct Drive Axial Fan use and application.

### Warranty.

Twelve-month guarantee on the mechanical and electrical componentry subject to satisfactory maintenance with assessment and rectification, if any, to take place after return by the customer to Fanquip's workshop. Extended warranty options available on request.

### Installation & maintenance.

The necessary procedures are outlined in the Fanquip installation, operation and maintenance instructions. These should be followed to ensure satisfactory performance and service life.

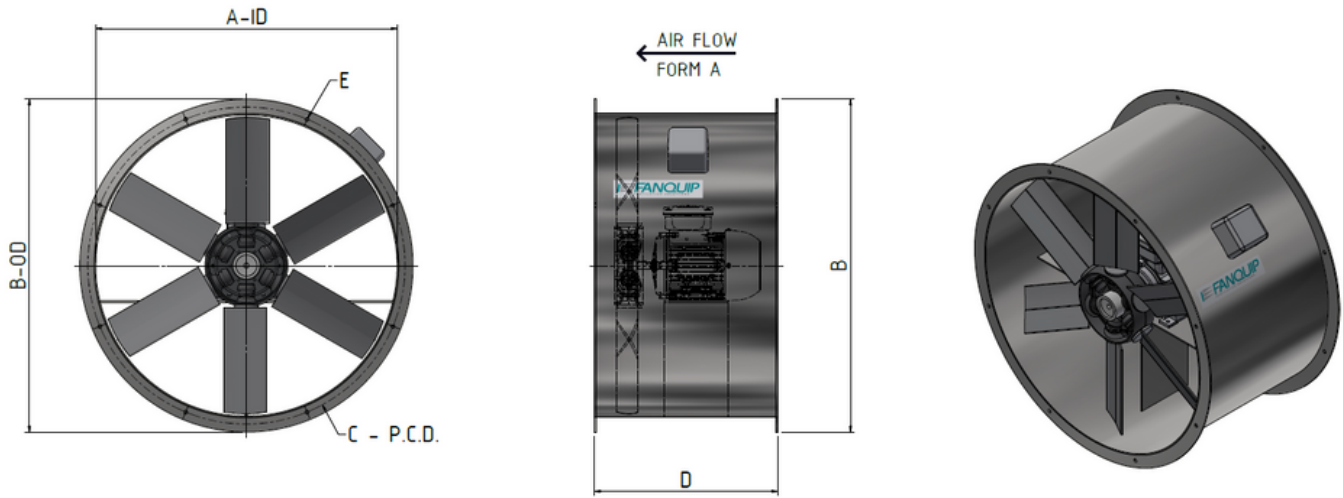
# Direct Drive Axial Flow Fan.

## Product specifications.

Model no.	Fan diameter (mm)	Motor speed (RPM)	Motor power (kW)	Voltage (V)	Full load amps (A)	Free air volume (L/S)	Noise* (dBA@3m)	Weight (kg)
2-30241	300	1440	0.37	240	2.4	654	49	20
2-30243	300	1440	0.37	415	1.03	654	49	20
2-30481	300	2880	0.75	240	4.4	1397	62	20
2-30483	300	2880	0.75	415	1.76	1397	62	20
2-40241	400	1440	0.55	240	3.8	1500	50	30
2-40243	400	1440	0.55	415	1.6	1500	50	30
2-40481	400	2880	1.5	240	8.1	2576	65	30
2-40483	400	2880	1.5	415	3.2	2576	65	30
2-50241	500	1440	0.75	240	3.8	2459	60	50
2-50243	500	1440	0.75	415	1.63	2459	60	50
2-60161	600	960	0.37	240	2.4	3274	60	65
2-60163	600	960	0.37	415	1.32	3274	60	65
2-60241	600	1440	1.50	240	6.6	4416	68	65
2-60243	600	1440	1.50	415	2.6	4416	68	65
2-70163	700	960	1.10	415	3	5216	61	76
2-70243	700	960	1.50	415	3.4	5520	70	76
2-80123	800	720	0.55	415	2.1	5679	59	85
2-80163	800	960	1.10	415	3	7073	65	85
2-80243	800	1440	3.00	415	6.3	9228	73	100
2-10163	1000	960	2.20	415	5.4	11600	68	120
2-12123	1200	720	3.00	415	7.8	16600	70	150
2-15163	1500	960	5.50	415	12.4	25500	78	250
2-18123	1800	720	11.0	415	24.1	36300	78	480
2-20123	2000	720	22.0	415	43.5	42650	83	680
2-22123	2200	720	22.0	415	43.5	55440	86	910

\*Noise level is free field and indicative and should only be used to indicate relative values as actual figures depend on the fan and relevant field conditions.

# Direct Drive Axial Flow Fan.






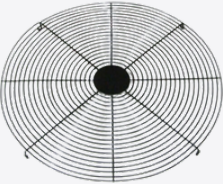



## Product dimensions.

Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	No. of E
300	310	380	345	400	8	6
400	410	480	445	500	8	6
500	510	580	545	510	8	6
600	610	695	656	520	8	8
700	710	795	756	610	8	8
800	810	910	866	610	10	8
1000	1010	1110	1065	810	12	8
1200	1220	1320	1276	810	12	12
1500	1525	1625	1575	910	12	12
1800	1830	1950	1900	1010	12	16
2000	2030	2170	2110	1010	12	16
2200	2240	2380	2320	1210	12	16

\*All sizes shown are standard. Subject to change without notice.

# Direct Drive Axial Flow Fan.

## Accessories.

Accessory	Specifications
<p>Mounting Feet</p> 	<ul style="list-style-type: none"><li>✓ Mounting feet for Direct and Belt Drive Axial Fans.</li><li>✓ Hot dip galvanised finish</li></ul>
<p>Angle Ring</p> 	<ul style="list-style-type: none"><li>✓ Standard angle rings act as a structural support as part of the fan housing, while also functioning as a joining point for ducting.</li><li>✓ Hot dip galvanised finish</li></ul>
<p>Inlet Cone</p> 	<ul style="list-style-type: none"><li>✓ Inlet cones optimise fan performance and minimise noise.</li><li>✓ Hot dip galvanised finish</li></ul>
<p>Finger Guards</p> 	<ul style="list-style-type: none"><li>✓ Fan guards are available for any of our circular fans, and stop foreign objects from entering the fan. Complies to Australian Standards of safety requirements.</li><li>✓ Painted finish</li></ul>
<p>Isolation Mounts</p> 	<ul style="list-style-type: none"><li>✓ High isolation efficiency, with rubber, spring and seismic mounts to prevent equipment vibration.</li></ul>
<p>Silencers</p> 	<ul style="list-style-type: none"><li>✓ Available in a range of designs including rectangular, circular, elbows and louvres. A range of different sizes to suit application are available.</li></ul>
<p>Variable Speed Drives</p> 	<ul style="list-style-type: none"><li>✓ 3 phase or single phase input. IP20 or IP66 and EMC compliant. User friendly interface.</li></ul>

Product datasheet.

# Direct Drive Axial Fan.



Shop Direct Drive  
Axial Fans



1300 224 308



[www.fanquip.com.au](http://www.fanquip.com.au)