

Pedestal Air Circulator.

Product datasheet



 **FANQUIP**

Pedestal Air Circulator.

The Fanquip Pedestal Air Circulators are a sturdy, high performance air circulator precision engineered to ensure quiet and efficient air circulation. Designed to provide large volumes of air movement to provide cooler and more comfortable working conditions in commercial and industrial applications. Options include powder coated construction, stainless steel construction and hazardous area models.

The Fanquip Pedestal Air Circulator is available using adjustable pitch GRP (Glassfiber Reinforced Polypropylene) blades and cast aluminium hub airfoil impellers. The mounting brackets and guards are supplied in either mild steel construction with an industrial polyester powder coat or 304 grade stainless steel. The sturdy base and adjustable height stand are manufactured from steel with a powder coated finish on all models. 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.

There is a comprehensive range available with fan diameters ranging from 460mm to 810mm.

Key features.



- ✓ Australian made
- ✓ GRP adjustable pitch blades
- ✓ Stainless steel or powder-coated steel construction
- ✓ Washdown duty/hose proof IP56 rating
- ✓ Fixed head design – tilt & height adjustable
- ✓ IP56 motor (240V), IP55 motor (415V), IP69 (415V stainless steel)
- ✓ GRP adjustable pitch blades
- ✓ 5m lead & 3 pin 10A plug (240V models)
- ✓ 5m lead, no plug (415V models)

Applications.

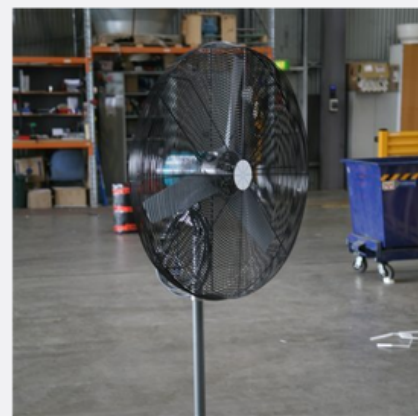
The Pedestal Air Circulator has an extensive range of applications.

Installation locations.

- ✓ Agriculture
- ✓ Construction
- ✓ Food Processing
- ✓ Commercial Laundries
- ✓ Manufacturing
- ✓ Mining & Metals
- ✓ Oil & Gas
- ✓ Smelters & Refineries

Cooling applications.

- ✓ Personnel cooling
- ✓ Machinery cooling
- ✓ Product cooling
- ✓ Building air movement



Options.

- Hazardous location rated – Exe, Exd, ExnA, Extd
- IP66 Motor (415V models only)
- 2 speed motors (240V only)

Technical advice.

Fanquip have technical consultants to provide guidance on the specifications required to suit your Wall Mount Air Circulator 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.

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Powder Coated Steel Models.

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)
5-46241P	460	0.20	1400	240	1.90	3000	58	21
5-46243P	460	0.55	1440	415	1.03	3000	58	21
5-60241P	630	0.20	1400	240	1.90	6500	60	23
5-60243P	630	0.55	1440	415	1.03	6500	60	23
5-80161P	810	0.35	900	240	2.40	17000	60	25
5-80163P	810	0.37	960	415	1.32	17000	60	25

Stainless Steel Models.

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)
5-46241PSS	460	0.20	1400	240	1.90	3000	58	21
5-46243PSS	460	0.55	1440	415	1.30	3000	58	26
5-60241PSS	630	0.20	1400	240	1.90	6500	60	23
5-60243PSS	630	0.55	1440	415	1.30	6500	60	28
5-80161PSS	810	0.35	900	240	2.40	17000	60	25
5-80163PSS	810	0.37	960	415	0.93	17000	60	30

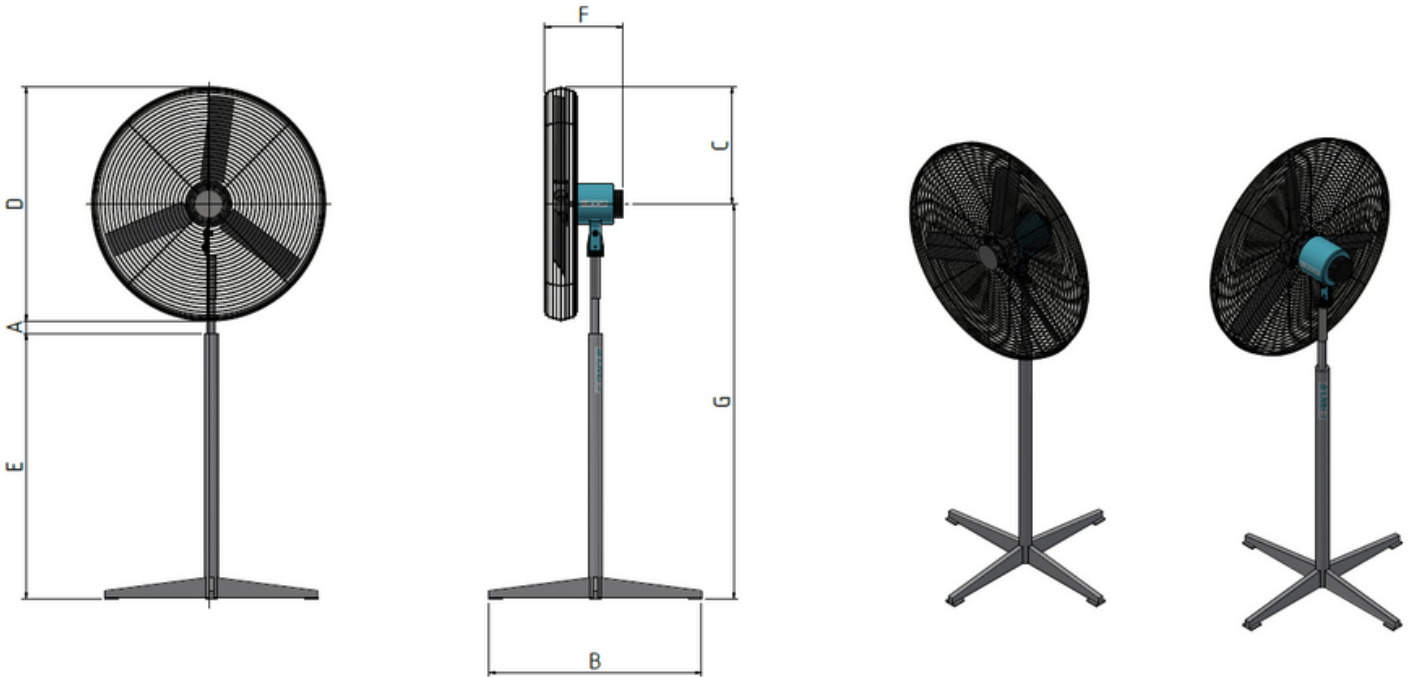
Hazardous Area Models.

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)
5-46241PEXD	460	0.55	1440	240	4.90	3000	58	31
5-46243PEXE	460	0.55	1440	415	1.23	3000	58	26
5-46243PEXD	460	0.55	1440	415	1.23	3000	58	31
5-60241PEXD	630	0.55	1440	240	4.90	6500	60	33
5-60243PEXE	630	0.55	1440	415	1.23	6500	60	28
5-60243PEXD	630	0.55	1440	415	1.23	6500	60	33
5-80163PEXE	810	0.37	960	415	0.97	17000	60	30
5-80163PEXD	810	0.37	960	415	1.12	17000	60	35

*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.

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Product dimensions.

Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (max)
460	0 - 450	790	256	511	1245	270	1465
630	0 - 450	790	331	662	1245	270	1465
810	0 - 450	790	431	862	1245	340	1465

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

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