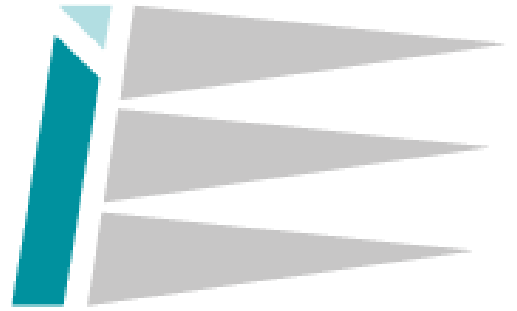


Wall Mount Air Circulator.

Product datasheet



 **FANQUIP**

Wall Mount Air Circulator.



The Fanquip Wall Mount Air Circulator is a sturdy, high performance fan that is 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 Wall Mount Air Circulator is available with 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 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
- ✓ 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 motor (415V stainless steel)
- ✓ GRP adjustable pitch blades
- ✓ 5m lead & 3 pin 10A plug (240V models)
- ✓ 5m lead, no plug (415V models)

Applications.

The Wall Mount Air Circulator has an extensive range of applications.

Installation locations.

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

Cooling applications.

- ✓ Personnel cooling
- ✓ Livestock cooling
- ✓ Machinery cooling
- ✓ Confined space 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.

Wall Mount Air Circulator.



Powder Coated Steel Models.

Product specifications.								
Model no.	Fan diameter (mm)	Motor power (kW)	Motor speed (RPM)	Voltage (V)	Full load amps (A)	Free air volume (L/S)	Noise* (dBA@3m)	Weight (kg)
5-46241W	460	0.20	1400/900	240	1.90	3000	58	22
5-46243W	460	0.55	1440	415	1.03	3000	58	22
5-60241W	630	0.20	1400/900	240	1.90	6500	60	24
5-60243W	630	0.55	1440	415	1.03	6500	60	24
5-80161W	810	0.35	900/700	240	2.40	17000	60	26
5-80163W	810	0.37	960	415	1.32	17000	60	26

Stainless Steel Models.

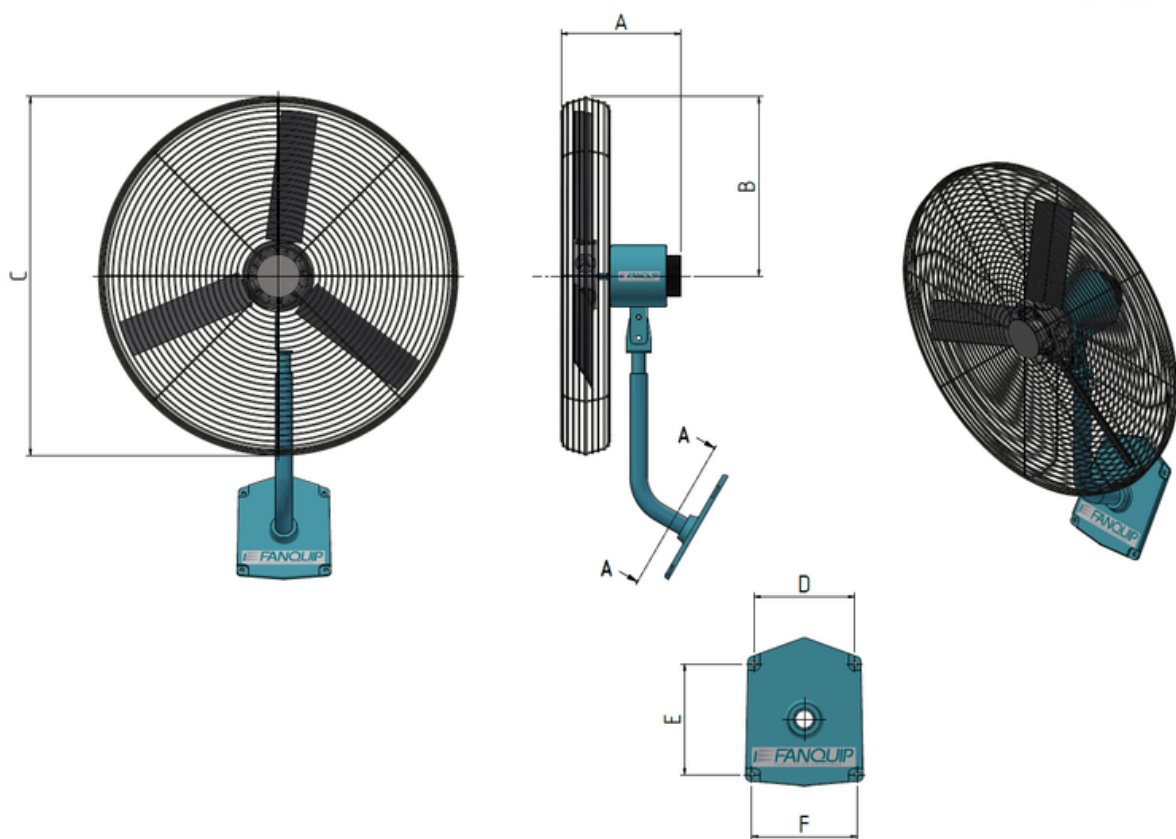
Product specifications.								
Model no.	Fan diameter (mm)	Motor power (kW)	Motor speed (RPM)	Voltage (V)	Full load amps (A)	Free air volume (L/S)	Noise* (dBA@3m)	Weight (kg)
5-46241WSS	460	0.20	1400	240	1.90	3000	58	22
5-46243WSS	460	0.55	1440	415	1.30	3000	58	27
5-60241WSS	630	0.20	1400	240	1.90	6500	60	24
5-60243WSS	630	0.55	1440	415	1.30	6500	60	29
5-80161WSS	810	0.35	900	240	2.40	17000	60	26
5-80163WSS	810	0.37	960	415	0.93	17000	60	31

Hazardous Area Models.

Product specifications.								
Model no.	Fan diameter (mm)	Motor power (kW)	Motor speed (RPM)	Voltage (V)	Full load amps (A)	Free air volume (L/S)	Noise* (dBA@3m)	Weight (kg)
5-46241WEXD	460	0.55	1440	240	4.90	3000	58	32
5-46243WEXE	460	0.55	1440	415	1.23	3000	58	27
5-46243WEXD	460	0.55	1440	415	1.23	3000	58	32
5-60241WEXD	630	0.55	1440	240	4.90	6500	60	34
5-60243WEXE	630	0.55	1440	415	1.23	6500	60	29
5-60243WEXD	630	0.55	1440	415	1.23	6500	60	34
5-80163WEXE	810	0.37	960	415	0.97	17000	60	31
5-80163WEXD	810	0.37	960	415	1.12	17000	60	36

*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.

Wall Mount Air Circulator.

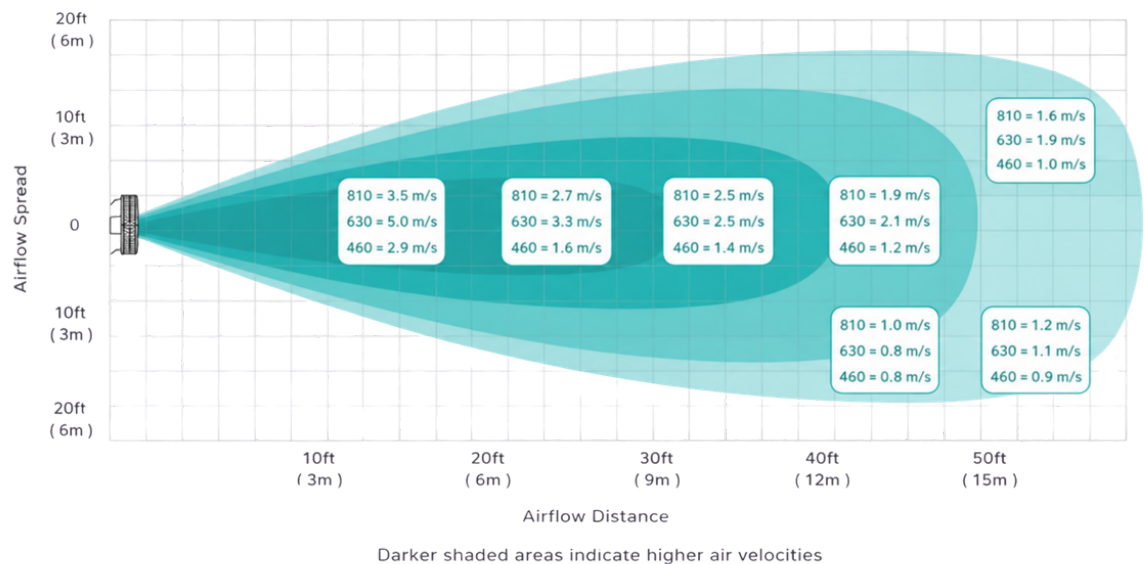


Product dimensions.

Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
460	270	256	511	195	214	204	10
630	270	331	662	195	214	204	10
810	340	431	862	195	214	204	10

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

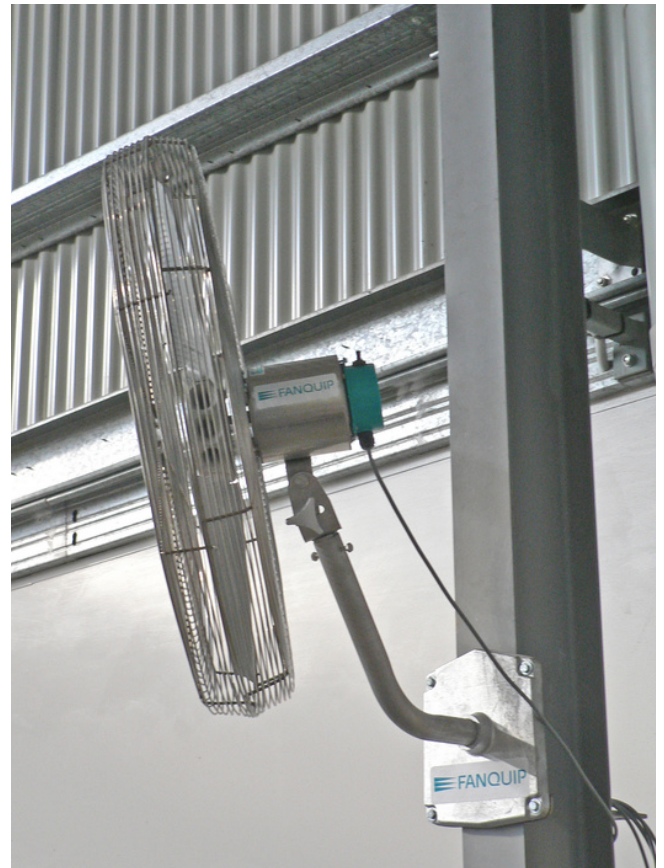
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MODEL / FAN DIAMETER	Air velocity (m/s)						
	A	B	C	D	E	F	G
460 mm	2.9	1.6	1.4	1.2	1	0.8	0.9
630 mm	5	3.3	2.5	2.1	1.9	0.8	1.1
810 mm	3.5	2.7	2.5	1.9	1.6	1	1.2

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Shop Wall Mount Air Circulators



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