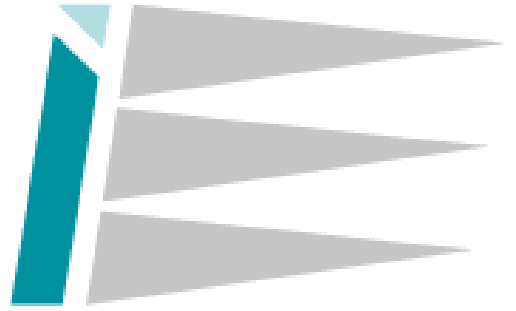


Filtered Roof Supply Fan.

Product datasheet



Filtered Roof Supply Fan.

The Fanquip Filtered Roof Supply Fans are a heavy duty, weatherproof roof mounted axial fan designed for the supply of clean filtered air into commercial and industrial buildings. Well suited for buildings with tight or congested ceiling cavities where there is limited installation space for traditional filter boxes.

The Fanquip Filtered Roof Supply Fan is available using adjustable pitch GRP (Glassfiber Reinforced Polypropylene) or cast aluminium airfoil impellers. The casing is fully welded mild steel construction with a hot dip galvanised finish. Mild steel weatherproof louvres are attached to the fan casing on one and up to all four sides, depending on the fan model, and finished with an industrial polyester powder coat. Louvres are fitted with hinges for ease of opening for servicing and maintenance. High efficiency replaceable 600 x 600mm G4 grade filters are mounted to the internal side of the louvres. An extended spigot is included on the base of the casing for fixed or flexible duct connection. 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 300mm to 1200mm.

Key features.



- ✓ Weatherproof design
- ✓ Hot dip galvanised casing
- ✓ Powder coated hinged louvre doors
- ✓ G4 grade replaceable filters
- ✓ IP55 motor
- ✓ GRP adjustable pitch blades
- ✓ External junction box
- ✓ 700mm lead, no plug
- ✓ Bottom spigot for duct connection

Applications.

The Filtered Roof Supply Fan has an extensive range of applications.

Installation locations.

- ✓ Agriculture
- ✓ Building and Construction
- ✓ Food Processing
- ✓ Laundry Services
- ✓ Manufacturing
- ✓ Warehouse

Filtration applications.

- ✓ Contaminated air
- ✓ Dust



Options.

- Aluminium or stainless steel casings
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Upstand for fan mounting

Technical advice.

Fanquip have technical consultants to provide guidance on the specifications required to suit your Filtered Roof Supply 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.

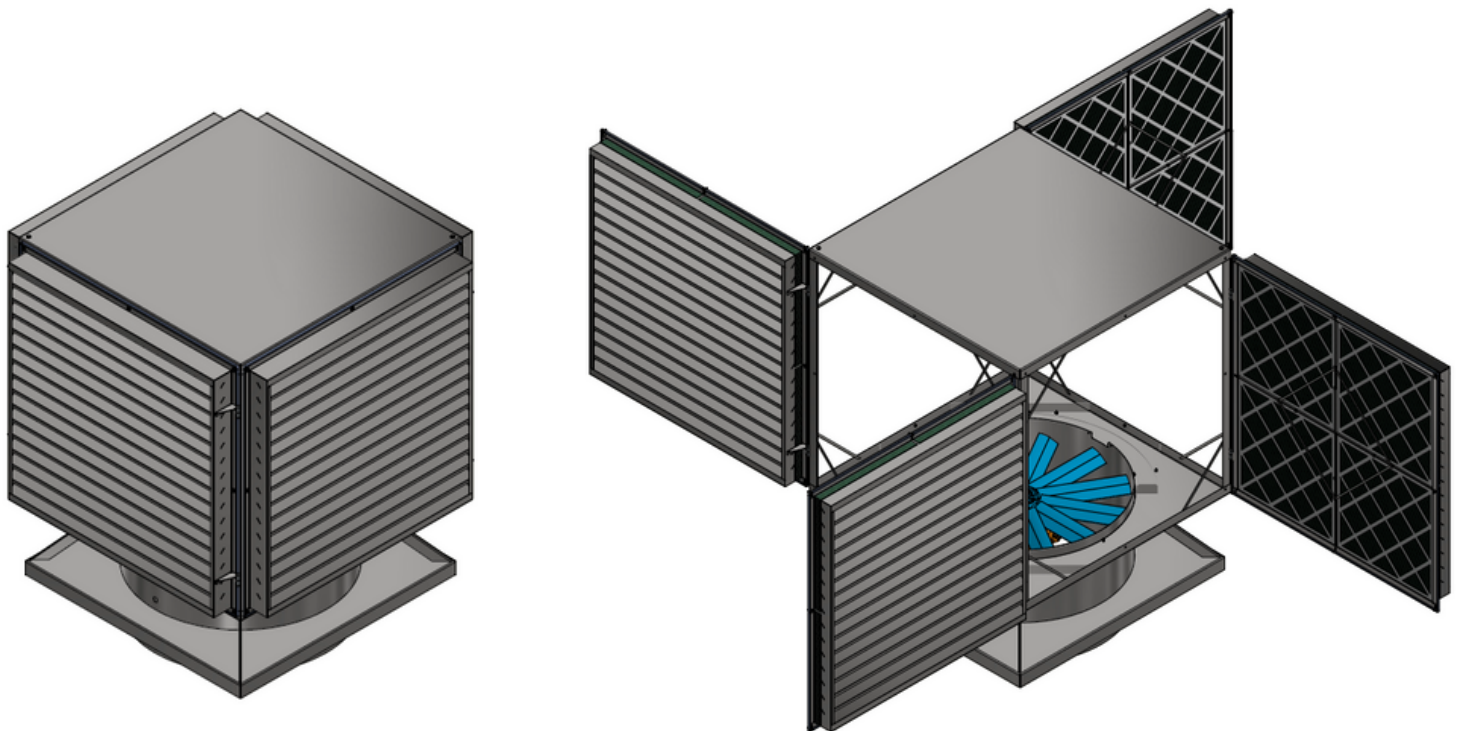
The necessary procedures are outlined in the Fanquip installation, operation and maintenance instructions. These should be followed to ensure satisfactory performance and service life.

Filtered Roof Supply Fan.

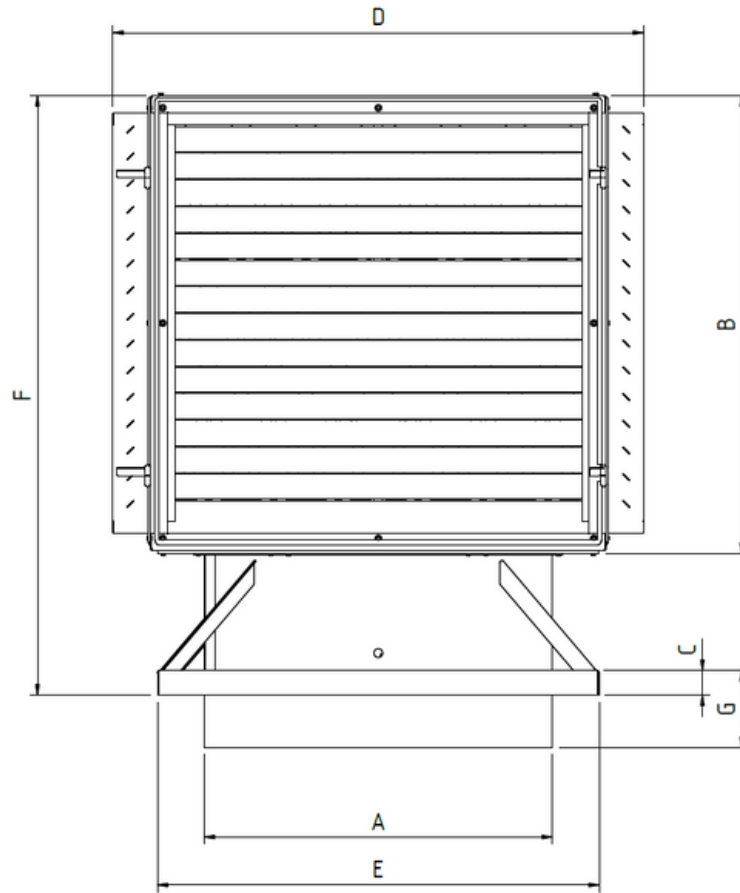
Product specifications.

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)
730481F	300	2880	0.75	240	4.40	900	62	150
7-30483F	300	2880	0.75	415	1.76	900	62	150
7-40481F	400	2880	1.10	240	6.20	1500	64	190
7-4083F	400	2880	1.10	415	2.39	1500	64	190
7-50481F	500	2880	2.20	240	12.20	2400	65	280
7-50483F	500	2880	2.20	415	4.61	2400	65	280
7-60241F	600	1440	3.00	240	16.30	4300	73	350
7-60243F	600	1440	3.00	415	6.27	4300	73	350
7-80243F	800	1440	4.00	415	8.17	6800	74	400
7-10163F	1000	960	5.50	415	12.40	10000	72	460
7-12163F	1200	960	7.50	415	16.00	14000	78	510

*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.



Filtered Roof Supply Fan.



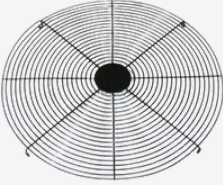

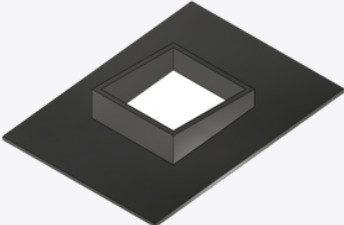
Product dimensions.

Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
300	310	700	60	913	430	1050	220
400	410	700	60	913	540	1050	220
500	510	700	75	913	650	1050	220
600	610	1300	75	1513	760	1650	220
800	810	1300	75	1513	1060	1740	220
1000	1010	1300	80	1513	1260	1860	220
1200	1220	1300	100	1513	1460	1860	220

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

Filtered Roof Supply Fan.

Accessories.

Accessory	Specifications
<p>Finger Guards</p> 	<ul style="list-style-type: none">✓ 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.✓ Painted finish.
<p>Variable Speed Drives</p> 	<ul style="list-style-type: none">✓ 3 phase or single phase input. IP20 or IP66 and EMC compliant. User friendly interface.
<p>Mounting Upstands</p> 	<ul style="list-style-type: none">✓ Pre-fabricated roof mounting upstand for Fanquip roof fans.✓ Galvanised sheet metal construction.✓ Available to suit all metal roof profiles and pitch angles.

Product datasheet.

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Shop Filtered Roof
Supply Fans



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