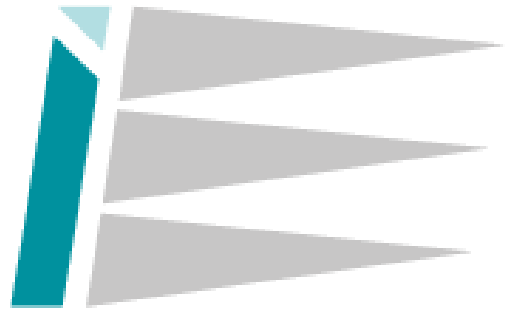


Mini Mancooler Fan.

Product datasheet



 FANQUIP

Mini Mancooler Fan.

The Fanquip Mini Mancooler Fan is an extra heavy duty axial fan designed for a range of demanding air movement applications where a portable fan is required. Well suited for cooling, confined space ventilation and to extract contaminated air such as dust, steam, heat or explosive gases. Also available in wall mounted or ceiling mounted models for permanent installations.

The Fanquip Mini Mancooler Fan is available using adjustable pitch GRP (Glassfiber Reinforced Polypropylene) or cast aluminium airfoil impellers. The casing is fully welded steel construction with an inlet and outlet flare, finished with an industrial polyester powder coat. The frame is tubular and fitted with pivot bolts and locking nuts on each side to allow the drum to be rotated 360° for flexible air discharge direction. 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.

A comprehensive range is available with fan diameters ranging from 300mm to 400mm.

Key features.



- ✓ Premium powder-coated steel casing
- ✓ Inlet and outlet finger guards
- ✓ IP55 Motor
- ✓ GRP adjustable pitch blades
- ✓ Isolating switch
- ✓ 5m lead & 3 pin 10ft plug (415V models exclude plug)
- ✓ IP55 Motor
- ✓ Adjustable discharge direction
- ✓ Side mount carry handles

Applications.

The Mini Mancooler Fan has an extensive range of applications.

Installation locations.

- ✓ Agriculture
- ✓ Building and Construction
- ✓ Food Processing
- ✓ Laundry Services
- ✓ Manufacturing
- ✓ Mining & Metals
- ✓ Oil and Gas
- ✓ Warehouse

Cooling applications.

- ✓ Personnel or machine cooling
- ✓ Confined space ventilation
- ✓ Extraction of fumes, dust, steam or smoke



Options.

- Aluminium or stainless steel casings
- Hot dip galvanised finish
- Aluminium adjustable pitch blades
- Hazardous location rated – Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Compressed air powered
- Corporate colours and labeled
- Wall/ceiling mounting bracket

Technical advice.

Fanquip have technical consultants to provide guidance on the specifications required to suit your Mobile Mancooler 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.

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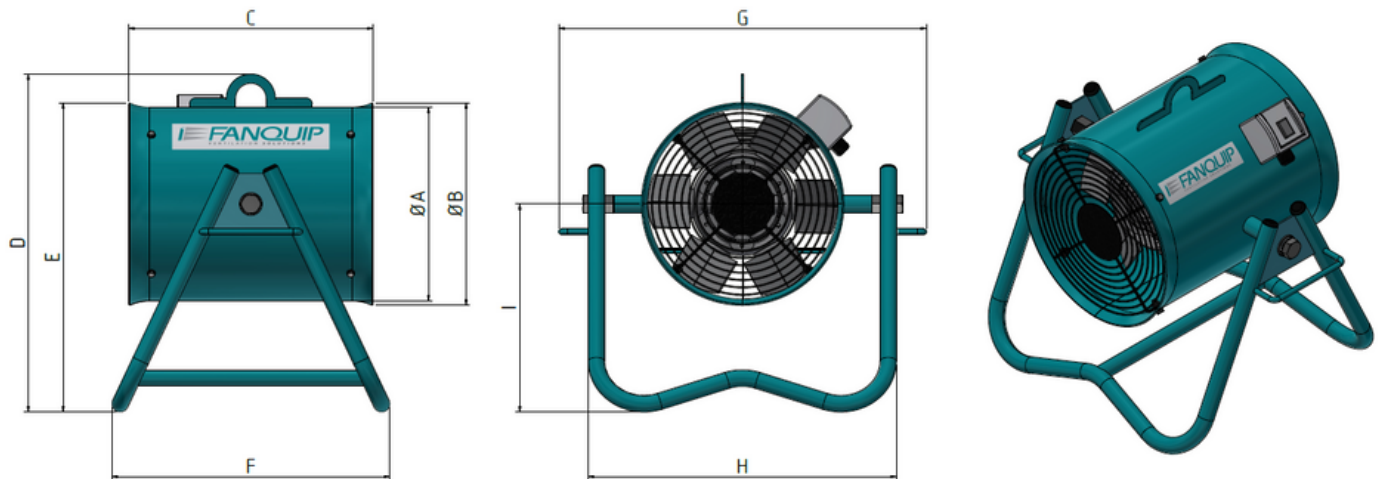
Product specifications.

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)
1-30241	300	1440	0.37	240	2.40	600	48	23
1-30243	300	1440	0.37	415	1.03	600	48	23
1-30481	300	2880	0.55	240	3.30	1400	64	23
1-30483	300	2880	0.55	415	1.40	1400	64	23
1-41241	400	1440	0.55	240	3.80	1500	60	36
1-41243	400	1440	0.55	415	1.60	1500	60	36
1-41481	400	2880	1.10	240	6.20	2150	74	36
1-41483	400	2880	1.10	415	2.40	2150	74	36

*Add W to the model number for Wall Mount.

*Add CM to the model number for Ceiling Mount.

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



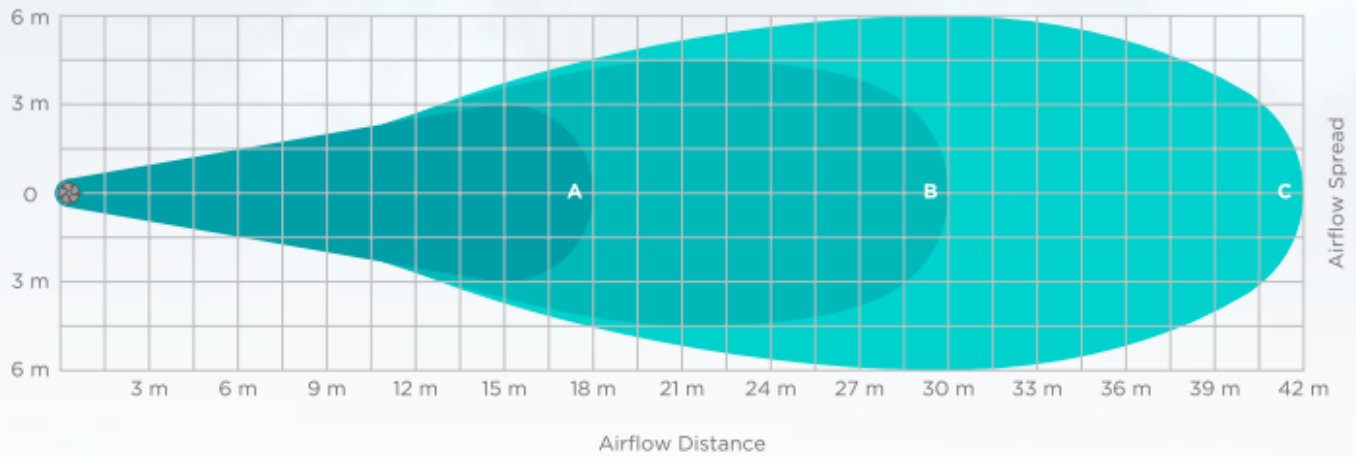
Product dimensions.

Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
300	310	330	400	533	508	402	597	500	340
400	410	450	500	603	558	402	597	500	340

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

Mini Mancooler Fan.



Mancoolers - Airflow table.



Darker shaded areas indicate higher air velocities

MODEL No.	Air Velocity (m/s)		
	A	B	C
1-30241/3	2	1	1
1-30481/3	5	3	2
1-41241/3	3	2	1
1-41481/3	5	3	2
1-40241/3	3	2	1
1-40481/3	5	3	2
1-50241/3	3	2	2
1-60241/3	4	2	2
1-61241/3	5	3	2
1-80161/3	3	2	2
1-80241/3	4	3	2
1-10123	3	2	2
1-10163	5	3	2

Mini Mancooler Fan.

Accessory	Specifications
<p data-bbox="67 405 244 439">Flexible ducting</p> 	<ul data-bbox="810 465 1520 595" style="list-style-type: none">✓ Heavy duty ducting suitable for both supply and extract. Used in factories construction sites or underground. 5m or 10m lengths. 300mm to 1000mm diameter. FRAS (Fire Retardant Anti-Static) option
<p data-bbox="67 665 233 698">Layflat ducting</p> 	<ul data-bbox="810 734 1520 824" style="list-style-type: none">✓ Economical clear plastic ducting for positive pressure air movement. Supplied in 20kg rolls (can be cut to size). 300mm to 800mm diameter.
<p data-bbox="67 911 316 945">Variable Speed Drives</p> 	<ul data-bbox="810 1014 1520 1081" style="list-style-type: none">✓ 3 phase or single phase input. IP20 or IP66 and EMC compliant. User friendly interface.
<p data-bbox="67 1193 344 1227">Hydroblasting Misting Kit</p> 	<ul data-bbox="810 1283 1520 1373" style="list-style-type: none">✓ Provides fine water mist for easy evaporation and fast cooling.✓ Used for dust suppression, personnel, machinery and livestock cooling.

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