

Telephone:
01206 222 555

Fax:
01206 222 905

Email:
fans.uk@flaktwoods.com

Express Website:
www.flaktwoods.com/express

Fan Selector:
www.flaktwoods.com/fanselector

- 400mm – 500mm diameter
- Air throw, up to 25m @ 1.25m/s velocity
- Purpose built cradle
- Adjustable discharge angle
- Aluminium JM aerofoil impeller
- 100% X-ray of impeller
- Heavy duty isolator
- Motor protection IP55
- Motor side and impeller side guards
- Casing hot dip galvanised

JM Portable Cooler

Cased Fans

Sizes

40JM.PC – 400mm, 50JM.PC – 500mm

Fan Performance

The fan uses the JM aerofoil impeller set at maximum pitch for the motor to give maximum cooling velocity.

Impellers

A true aerofoil section high pressure die cast aluminium assembly. All cast aluminium components are X-ray inspected to ensure strength, reliability, performance and safety.

Motors

All motors are totally enclosed with class F insulation. Protection IP55. All motors are supplied with sealed for life bearings.

Electrical Supply

100 - 110V / 50Hz / 1 ϕ

380 - 420V / 50Hz / 3 ϕ

Temperature Range

-40°C to 50°C

For higher temperatures please enquire.

(All motors are not suitable for starting at temperatures lower than -20°C.)

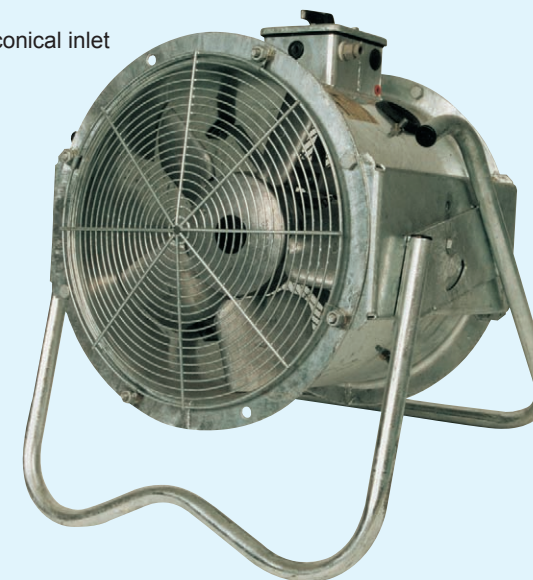
Casings

Casings are hot dip galvanised with built in conical inlet to ensure performance.

The fan is mounted in a heavy duty purpose built tubular frame, a heavy duty isolator is also fitted.

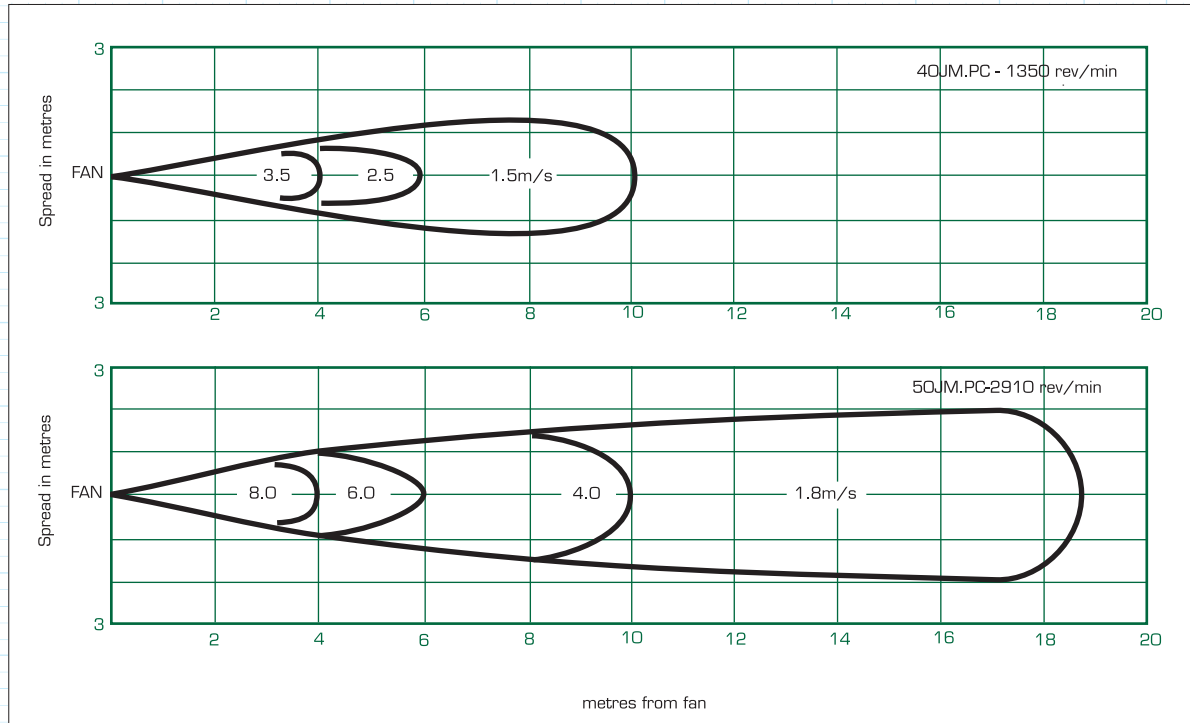
Fans are supplied complete with motor side and impeller side safety guards.

For a full range please see pages 56-59.



JM Portable Cooler Cased Fans

Performance Data



The performance shown describes the velocity of the air at the distance from the fan.

Electrical Data

Product Code	Speed (rev/min)	Motor	380-420V/50Hz/3φ					Sound Level dBA
			Product Number	Motor Rating (kW)	Full Load Current (at 400V) (A)	Starting Current (at 400V) d.o.l. (A)	Wiring Diagram Ref	
PC50JM	2910	F22	JP050001	3.8	7.21	64	CD1739	73

Product Code	Speed (rev/min)	Motor	100-110V/50Hz/1φ				Wiring Diagram Ref
			Product Number	Motor Rating (kW)	Full Load Current (at 105V) (A)	Starting Current (at 105V) d.o.l. (A)	
PC40JM	1350	BT9	DP040028	0.22	4	6	CD1731

Sound pressure levels quoted are average dBA at 10m distance over a sphere, under free field conditions and are presented for comparative purposes only.

For details on speed control please enquire. Wiring diagrams can be found on pages 57.

Dimensions & Drawing

Product Code	Motor	A	B	C	Weight (kg)
4QJM.PC	BT9	557	591	649	32
5QJM.PC	F2225	690	706	890	64

All dimensions shown in mm.

JM Portable Cooler

Cased Fans

