

Xpelair ManCoolers

Commercial and industrial cooling fans



Key features

Type:	Air re-circulation
Application:	Commercial/Industrial Building sites



The Range

With more unpredictable fluctuations in our weather the need for temporary solutions to deal with temperature extremes has never been more relevant. Xpelair portable **ManCoolers** are an ideal spot cooling solution.

The **ManCooler** range of commercial and industrial air coolers are ideal for use in areas such as factory assembly lines, steelworks, factory moulding areas, hospitality marquees, and general movement applications in large areas.

The range has also been designed to be used for drying outbuildings and equipment after flood damage.

Xpelair **ManCoolers** can fulfil a wide range of duties in industry and the public sector. An effective and reliable answer where even large quantities of air are required quickly, the **ManCooler** range comes complete with their own robust stand and are easy and quick to set up. The adjust-and-lock head allows the units to be tilted for maximum benefit.

For more permanent applications, or where floor space is at a premium the Xpelair **Trapeze** model is ideal for suspension at high level. **Trapeze** units are also ideal for reaching unventilated corners of otherwise still air on large sites. Or forcing hot air to ground level.

Select the right product for your application

	ManCooler					Trapeze
	MC350	MC400	MC400 110V	MC450	MC560	TP450
Reference number	91408AA	91409AA	92309AA	91410AA	91411AA	91412AA
Fan diameter (mm)	355	410	410	460	560	460
Extract performance (FID, m³/s)	0.86	1.42	1.42	1.97	3.06	1.44
Nominal fan speed (rpm)	1440	1450	1380	1375	1375	950
Sound pressure level (dB(A)@3m)	59	64	64	68	72	57
Voltage (V)	230	230	110	230	230	230
Electrical power rating (W)	120	250	550	370	550	250
Electrical current FLC (A)	0.67	1.90	4.60	3.10	4.40	1.50
Weight (kg)	12	19	19	22	27	14
Guarantee (years, UK)	1	1	1	1	1	1

Models

ManCooler

MC350	Ref. 91408AA
MC400	Ref. 91409AA
MC400 110V	Ref. 92309AA
MC450	Ref. 91410AA
MC560	Ref. 91411AA

- Portable commercial cooling fans in four sizes
- Powder coated fan housing
- Angle adjustable and lock
- Tubular steel frame
- Safety finger guards to DIN 24167 (UNE 20-359-74) fitted inlet and outlet
- Continuously rated totally enclosed maintenance free motor with sealed for life bearings IP55
- IP55 connection box with On/Off switch
- Suitable for ambient temperatures up to 40°C
- Supply voltage: 220-240V 50Hz
110V - MC 400 110V

Trapeze

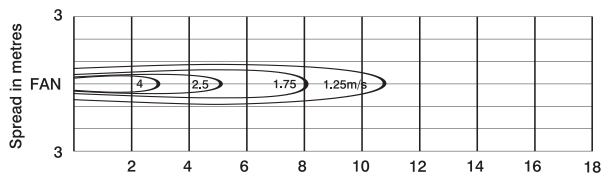
TP450	Ref. 91412AA
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- Suspended air circulation unit
- 460mm fan diameter
- For horizontal or vertical suspension
- The distance of the fan to the floor should be no less than 2700mm
- Stainless steel construction
- Continuously rated totally enclosed maintenance free motor with sealed for life bearings
- Protected to IP55
- IP55 connection box
- Four suspension eyes
- Suitable for ambient temperature up to 40°C
- Supply voltage: 220-240V 50Hz

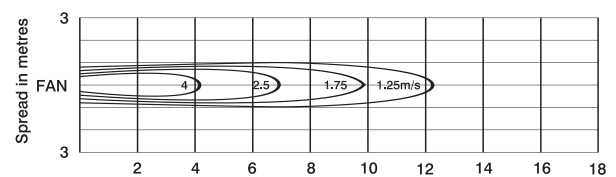
Typical Specifications on page 179.

Performance

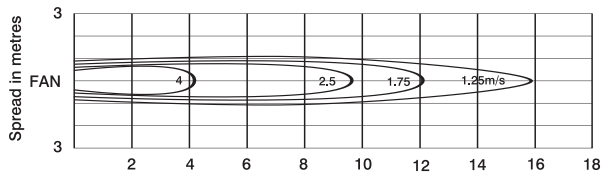
ManCooler MC350



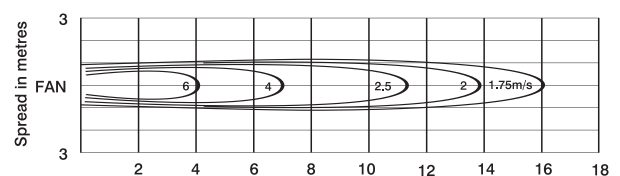
ManCooler MC400



ManCooler MC450

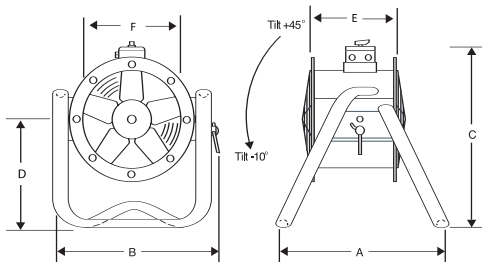


ManCooler MC560

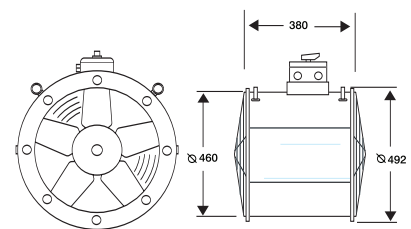


Dimensions (mm)

ManCooler



Trapeze



Dimensions (mm)						
Model	A	B	C	D	E	F
MC350	415	489	736	420	230	355
MC400	450	596	775	481	320	410
MC400 110V	450	596	775	481	320	410
MC450	453	596	795	481	360	460
MC560	522	726	945	594	400	560