VENT-Axia
MAN COOLER (MC)

MAN COOLER
Man Coolers are available in three sizes and are based on an integrated axial Impeller and internal rotomotor design which produces a compact unit.

Fully portable, Man Coolers feature an adjustable head which can tilt for maximum air movement effect. The robust frame provides excellent stability. The fans incorporate specially designed bellmouth inlets and finger guards which provide protection to International Standards.

Lightweight and shorter than most similar fans, the casing is constructed from rolled steel plate, electro welded and protected with a tough epoxy paint finish. Fan outputs are tested to AMCA standard 210.

IMPELLERS
Impellers are moulded in glass filled polyamide for resistance to outdoor conditions and abrasive airflow.

LONG LIFE MOTORS
The internal rotomotor motors are specifically designed and styled for this range of fans. The ball bearings are greased for life and allow the fan to be installed at any angle. Rotors are dynamically balanced to ISO 1940. Motors are protected to IP65 against dust and water jets complying with BS EN 60529. They have ribbed aluminium body casings for efficient cooling. Motor insulation is Class ‘F’ from -40˚C to +70˚C.

LONG LIFE MOTORS

Motor Full load Electronic Auto
50Hz Stock m3/h m 3/s kW current dBA controller transformer

Diameter Motor Ref. No. @ F.I.D. @ F.I.D. r.p.m. (max) (max) @ 3m Stock Ref. No. Stock Ref. No.

315 240V-1ph MC315-14
240 5200 1.444 1348 0.31 1.5 60 W103 03 102M 103 14 103
315 110V-1ph MC315-14A
240 2250 0.625 1300 0.10 1.1 48 - -

MAN COOLER PERFORMANCE CURVES

WIRING DIAGRAMS

SINGLE PHASE MAN COOLER 110 VOLT 50Hz SUPPLY

1 Phase Supply (110V 50 Hz).

Cable Clamp.

On / Off Switch

Terminal Box Lid.

MC 315-14A
MC 400-14A