AC Axial Fan



RoHS Compliant



Characteristics

Motor Design : Single phase, 4-poles Brushless DC motor.

 $\begin{array}{ll} \mbox{Insulation Resistance} & : 10 \ \mbox{M}\Omega \ \mbox{minimum at 500V DC}. \\ \mbox{Dielectric Strength} & : 1800 \mbox{V AC for one second}. \end{array}$

Motor Protection : Thermal Protected.

Noise Level : Measured in a semi-anechoic chamber with background noise level below 15 dB(A).

The fan is running in free air with the microphone at a distance of one meter from the

fan intake.

Tolerance : ±15% on rated power and current.

Air Performance : Measured by a double chamber. The values are recorded when the fan speed has

stabilized at rated voltage.

Specification

Rated Voltage : 220V AC to 240V AC 50Hz/60Hz

Operating Voltage Range : 180V AC to 250V AC

Starting Voltage : 180V AC (25°C Power ON/OFF) Rated Speed : 950 RPM ±10% 1400 RPM ±10% 278.8 CFM Air Delivery : 186 CFM / Min. Static Pressure : 0.16 Inch-H₂O 0.3 Inch-H₂O Rated Current : 0.038 AMP 0.07 AMP Rated Power : 3.2 Watts 606 Watts Noise Level : 29.9 dB(A) 41.2 dB(A)

Direction of Rotation : Counter-clockwise viewed from front of fan blade

Operating Temperature : -40° C to $+50^{\circ}$ C Storage Temperature : -40° C to $+70^{\circ}$ C

Bearing System : Precision ball bearing system

Weight : 1100g

Safety : UL/CUR/TUV/CE Approvals
Protection : Automatic Restart Capability

IP Class : IP68

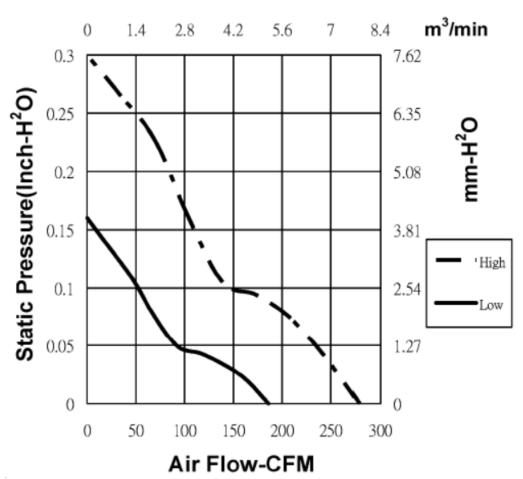
Newark.com/multicomp-pro Farnell.com/multicomp-pro sg.element14.com/b/multicomp-pro



AC Axial Fan



Performance Curves



Material

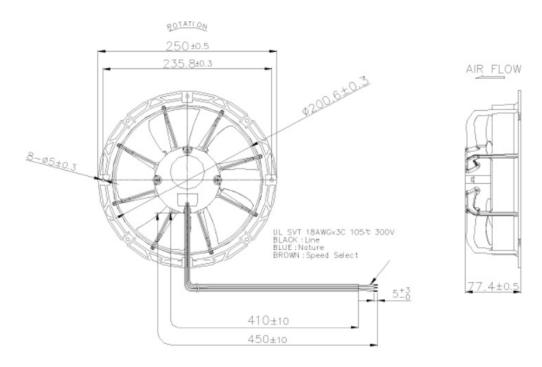
Frame : Thermoplastic PBT of UL 94V-0 Impeller : Thermoplastic PBT of UL 94V-0

Lead Wire : UL SVT 18 AWGx3C, Black, Blue, Brown

AC Axial Fan



Dimensions



- 1. Air Flow Direction: Toward label side.
- 2. When the Black or Blue wire connect to Brown line, the Fan speed will switch to low speed mode.

Dimensions: Millimetres

Part Number Table

Description	Part Number
AC Axial Fan, 200mm × 77mm, 220V-240V AC, IP55	MP-CF2207LBL-0000-HB9

Important Notice: This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro Farnell.com/multicomp-pro sg.element14.com/b/multicomp-pro

