

RC Dynamics 40x40x10mm High Flow Cooling Fan



Jordan Technologies

Installation and Operating Instructions

Overview

The RC Dynamics 40mm High Flow fan, has been selected and specified carefully for the motor cooling needs of high performance 1/10th electric Touring racing. Regardless of the class being raced the fan provides unrivalled performance, typically providing 20°C reduction in motor temperature. Not only does this fan provide exceptionally high air flow and rpm in static bench conditions, it is also incredibly powerful which means the forces of acceleration, deceleration, or cornering experienced on track have little effect on airflow.

We are so confident in the performance of these fans the technical data is published below.

Technical Specification

Voltage Range	5VDC - 8.2VDC
Power (Watts)	1.70W
Current Rating	0.240A
RPM	11,000 RPM
Air Flow	12.0 CFM
Static Pressure	6mm-H2O
Weight	17g
Termination	2 Wire Leads (Red +ve)

Installation

- Find a convenient place to mount the fan close to the motor, the fan can be mounted directly to the chassis with double sided tape. The fan should be mounted with the airflow blowing towards the motor, this is depicted with an arrow on the fan housing, aim to leave around 10mm gap between the fan and the motor.
- Connect the input wires directly to the 7.4V 2S LiPo supply voltage. We recommend soldering the wires to the ESC posts or terminals if possible. Note that the red wire must be connected to the positive battery terminal. **Incorrect connection will damage the fan.**

If you have any doubt please contact us.

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