

THERMAL SOLUTIONS

FANS

Introduction:

Many thermal applications have minimal to no airflow and rely heavily on conduction for heat dissipation. The addition of air moving devices such as DC Axial Fans and Blowers adds tremendous dissipation via convection. The type of fan/blower required varies on the system design and space constraints.

General Information:

DC Axial Fans:

DC Axial Fans have blades that rotate around an axis drawing air in which is parallel to the axis and force air out in the same direction. This type of fan is very efficient at creating a high flow rate measured in cubic feet per minute (cfm). These fans come in a variety of sizes from 6mm to 250mm.

Blowers:

Blowers, or centrifugal blowers, provide a very concentrated air flow in a single direction with maximum static pressure. Many system designs utilize blowers with added ducts to move airflow to desired locations. Common sizes range from 50mm to 180mm.

➤ DC Axial Fans:



➤ Blowers:

