

Air Circulator Selection Guide

STEP 1: DETERMINE THE TYPE OF CIRCULATOR FOR YOUR APPLICATION

Manufacturing Facilities

Choose an industrial circulator that is designed specifically for dirty, dusty, hot and humid environments. Industrial circulators have totally enclosed ball bearing motors that protect against premature motor failure due to the encroachment of dirt and oil on the bearings. Reserve power keeps units running, even if the propeller gets coated with dirt and dust.

Commercial Facilities

Choose a commercial fan that is designed to produce a high volume of cooling air at low sound levels. Designed for areas like airport terminals, office lobbies, and cafeterias. Not well suited for industrial applications.

Office Areas

Choose a light commercial fan that provides a steady stream of cooling air at very low sound levels. Ideally suited for offices, schools, and reception areas.

STEP 2: DETERMINE THE AIR VELOCITY REQUIRED FOR YOUR APPLICATION:

Light Activity

- Assembly, table work, customer service, etc.
- 200 - 400 FPM (feet per minute)

Heavy Activity

- Manufacturing, warehouse, millwork, etc.
- 500 - 700 FPM (feet per minute)

STEP 3: DETERMINE THE DISTANCE BETWEEN THE FAN AND TARGET OF THE AIRFLOW

STEP 4: SELECT AIR CIRCULATOR BASED UPON AIR VELOCITY (FPM) AT DISTANCE (FT.)