



Increasing Production Through Waste Reduction

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Oil Mist Separators

What CFM do you need?

Oil Mist Separator Sizing Guidelines

Machines with low mist generation & infrequent door opening:-

Enclosure volume (ft³) x 3 to 5 = cfm

Machines with medium mist generation and average door opening:-

Enclosure volume (ft³) x 5 to 7 = cfm

Machines with high mist generation & frequent door opening

Enclosure volume (ft³) x 7 to 10 = cfm

Note: the factor number used is the number of air exchanges per minute.

For enclosures with open areas add 100 – 150 cfm per ft².

Figuring Cabinet Volume

Measuring in Inches:

- Take the Length x Width x Depth of the cabinet to get the in³
 - Convert to ft³ by dividing by 1728 (12" x12" x12")

Measuring in feet

- Take the Length x Width x Depth of cabinet to get the ft³

Take your ft³ and plug it into the above formula to figure how many cfm you will require and match that with the corresponding Oil Mist Separator.