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AIR CHANGE CALCULATOR

1. Measure Shop Area

Length _____ feet

Width _____ feet

Height _____ feet

Length x Width x Height = _____ cubic feet (CF)

2. The CFM rating of the unit I want to use is _____ (CFM)

3. I want _____ air changes (AC) per hour. (6-8 air changes per hour is recommended for most industrial and commercial facilities)

4. Calculate number of units needed.

- $CF \times AC =$ _____ cubic feet of air to be cleaned per hour (CFH)
- $CFM \times 60 =$ _____ cubic feet of air that each air cleaner can filter per hour (ACH)
- $CFH / AC =$ _____ number of air cleaners needed

Round this number up to next whole number if using 6 air changes per hour
Round this number down to the next whole number if using 8 air changes per hour.