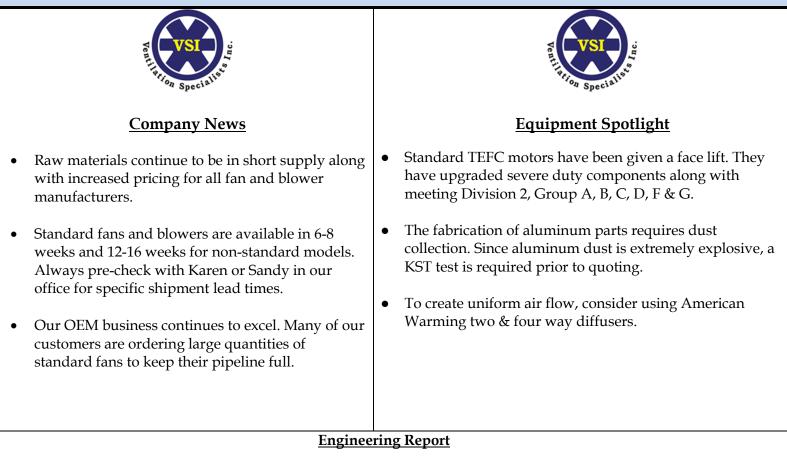
FANTASTICS

A Quarterly Industrial Ventilation Newsletter

Third Quarter 2021



Providing Florida plant ventilation based on the sun load can be calculated by multiplying the length, width, and height of the building, subtracting estimated contents, and dividing by 3 for the manufacturing areas or by 5 for warehouse areas.

If heat-producing equipment exists in the manufacturing areas, a second calculation would be required to determine the additional CFM needed. The following formula can be used: $CFM = \frac{BTW/HR}{1.085\Delta T}$

The heat radiated into the building can come from motors, ovens, dryers, etc. ΔT is the temperature indoors compared to outdoor shade.

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