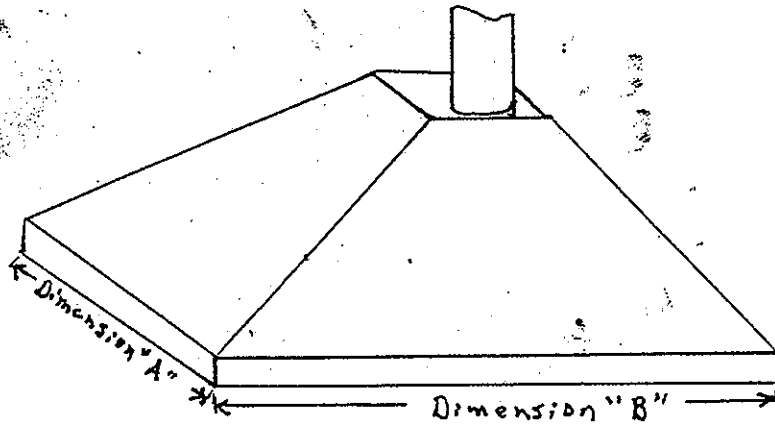# THE SIMPLEST WAY TO FIGURE FACE VELOCITY

Multiply dimension "A" by dimension "B", that is the square feet of surface area. Multiply surface area by 200 FPM and that gives you the cubic feet per minute of exhaust you need.

Example an exhaust hood 6' 6" to 7' from floor.
Dim. "A" is 3' and Dim. "B" is 5'
3 x 5 = 15 sq. Ft. X 200 FPM = 3000 cubic feet per minute.

Remember the larger the hood the greater the CFM requirement.

When figuring hood size allow for 1 foot of over hang on all sides of the furnace. Example if you have a 2' X 4' furnace then your hood would measure 3' X 5'.

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