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EXPLANATION OF SCFM & ACFM

SCFM is calculated based on “*standard*” operating air conditions of 68°F and 14.696 psia (sea level). Since our units are operating under the “*actual*” conditions at the job site, and not the “*standard*” conditions mentioned above, the units are designed/engineered using **ACFM** instead of **SCFM**.

The ANSI standard requires manufacturers to list both the “*actual*” conditions (**ACFM**), as well as the “*standard*” conditions (**SCFM**), on rating plate for the listed unit(s), for the purpose of making common baseline comparisons. The unit is designed for “*actual*” conditions, with necessary corrections for density (due to temperature and elevation), to determine the “*actual*” flow rates (**ACFM**).

acfm_scfm_explained.doc

