

DOCKETED

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Lab Fan System Power Consumption Subsection B (140.9(c)3)

Of the compliance paths offered in 140.9(c)3, Subsection B Allowable Fan System Power will likely be the most common due to the complication, expense, and long term viability of the other options. We don't agree that the fan power should be limited to 0.65 kw/cfm because it is too low and too restrictive but rather it should follow the criteria set in 140.4 which allows for the design of systems that are Constant Volume and Variable Volume with adjustments.

Please consider revising so that the fan limitations and compliance paths of 140.4 apply to Lab Exhausts but keeping the limitation that is intended to exclude induction fans.

Suggested language revision:

B. The allowable exhaust fan system power demand shall not exceed the watts per cfm of exhaust air as determined by the calculations of Section 140.4c. Exhaust air does not include entrained air, but does include all exhaust air from fume hoods, hazardous exhaust flows, or other manifolded exhaust streams; or