

**ENERGY STAR Version 1.2 Room Air Cleaners Specification  
Draft Stakeholder Comment Response Summary**

Stakeholders	Topic	Comment	EPA Response
AHAM	Multi-sample approach	Stakeholder agrees that the multi-sample approach is the best approach applied to room air cleaners given the inherent variation in test results due to the difficulty in measuring dust particles.	EPA has received stakeholder comment that indicates that the key driver for performing multiple test iterations is, "...the inherent variation in test results due to the difficulty in measuring dust particles." In consideration of this comment and to maintain assurance that all qualified products will deliver consumer performance consistent with the ENERGY STAR specification, EPA has re-evaluated the multi-sample option and the reasons for proposing it. In lieu of the option to test four samples of each model, EPA will allow testing of a single sample, 3 times with 3 different air filters. Under this multiple test iteration approach the mean of the measured performance of the single sample tested 3 times must be equal to or better than the ENERGY STAR specification requirements.
AHAM	Tolerance	Stakeholder opposes the tolerance requirement on qualification testing as any tolerance would weaken the ENERGY STAR qualification requirements for Air Cleaners. Stakeholder suggests basing the qualification for ENERGY STAR rating at or below the mean value of the samples.	EPA agrees that no tolerance is needed for qualification and has removed the tolerance requirement for qualification. To meet ENERGY STAR requirements, measured performance of a single sample or the mean of the measured performance of the single sample tested 3 times must be equal to or better than the ENERGY STAR specification requirements.
AHAM	Product family	Stakeholder suggests allowing the model family approach in the Air Cleaner specification as it would lessen manufacturer testing burden.	EPA has included the model family approach in the Air Cleaners specification. A definition for Product Family has been added based on the DOE definition for Basic Model Group, reducing the testing burden by allowing qualification of groups of models with only aesthetic differences.