

ASHRAE 52.1 DEFINITIONS

ASHRAE -	American Society of Heating, Refrigerating and Air-Conditioning Engineers.
Arrestance -	The percentage of the weight of ASHRAE dust caught by the filter compared to the total weight of dust fed into the filter throughout the test.
Efficiency -	The ability of the filter to remove stain causing particles from atmospheric air. Expressed as a percentage.
Dust Holding Capacity -	The total weight in grams of ASHRAE dust caught by the filter before reaching a pre-determined pressure drop at a given rate of flow.

Components of ASHRAE Dust (By Weight)

72%	Standardized Air Cleaner Test Dust, Fine (Mean particle size - 7.7 microns)
23%	Powdered Carbon
5%	#7 Cotton Linters