

**INTERPRETATION IC 52.2-2012-4 OF
ANSI/ASHRAE STANDARD 52.2-2012**
*Method of Testing General Ventilation Air-Cleaning Devices
for Removal Efficiency by Particle Size*

Approval Date: January 28, 2017

Request from: Joe Ng, Kurihara Kogyo Co., Ltd., 168, Jalan Bukit Merah Connection One, Tower 3, #05-07, Singapore 150168.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 52.2-2012, Section 12.2, regarding the minimum final resistance for an air cleaner using the 2015 Supplement to ANSI/ASHRAE Standard 52.2-2012.

Background: ASHRAE Standard 52.2-2012 Addendum a Section 12.2 states: The minimum final resistance for an air cleaner shall be the same as or greater than twice the initial resistance.

Interpretation: The final static pressure must be at least twice the initial static pressure.

Question: Is this interpretation correct?

Answer: Yes, unless the filter hits less than 85% of its max arrestance and the test is terminated as referenced in section 8.1.3.

Comments: The clause in 8.1.3 is to terminate the test only. To report a MERV the initial interpretation is correct that the final static pressure must be at least twice the initial static pressure.