



LMS Technologies, Inc.

6423 Cecilia Circle, Bloomington, MN 55439

Tel: (952) 918-9060

Fax: (952) 918-9061

August 6, 2023

LMS Technologies tested the unit from Innova Nanojet Technologies, for pollen removal. The unit under test produced water particles of 10 nanometers and larger.

Initially, the task was based on generating pollen particles which were fed to the room by a venturi system. The generation continued till counts reached 224000 per cfm. The levels were monitored for one hour with no reduction in the level of the pollen counts. This would be considered to be empty chamber.

During the next step the test unit was turned on and water particles were injected for only two minutes. Since the water particles would have interfered with particle counts, a heater unit was turned on for a period of 2 hours. During this time the mixing fans kept the particles airborne. This deviated from the normal one-hour test for CADR pollen.

The reduction in total number of particles after 2 hours was 82.2% for all particles above 0.3 micron and almost 100% for all particles larger than 3.0 micron.