



Michael James Industries, Inc.

Heating, Ventilation and Air Conditioning
Service • Design • Installation

December 24, 2014

Michael James Industries, Inc. has conducted a test of the Elima-Draft 24x24 supply filtered diffuser cover to determine if there is a restriction in airflow when installed. The test was performed on a 24x24 lay in Titus Omni commercial ceiling diffuser with the Elima-Draft 24x24 supply filtered cover both on and off. Airflow tests were measured with an Alnor Balometer electronic capture hood. Three readings were taken for each test including a base line test of the diffuser with nothing attached, testing the Elima-Draft cover without the filter and then with the filter. The results concluded that there was a 5% decrease in airflow without the filter installed and a 9% decrease in airflow with the filter installed. The reduction in airflow is within the acceptable limits set by both SMACNA, and ASHRAE Standard 111-2008. The test also concluded that there was no noticeable increase in noise level or velocity with the cover installed.

Sincerely,

Michael Herman, LEED AP, CBCP
Vice President

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Servicing the industry with over 25 years of experience