**Finally a 5" MERV 11 High Performance Filter with Self-Sealing Gasket Designed to Fit Into a 1" Return Air Grille**

**Easily Installed**
- Fits into one-inch return air grilles.
- No expensive retrofitting required.

**No Filter ByPass**
- Improves Indoor Air Quality.
- Reduces cost of energy.
- Preserves the integrity of the MERV 11 rating.
- Reduces mold and mildew that can breed and grow in the ventilation system.
- Reduces maintenance.
- Extends the effective lifetime of the equipment.

**Reduces Cost of Energy**
- Pressure drop of .093 reduces cost of energy up to 300% less than one-inch filters.

**Longer Effective Lifetime**
- Up to 433% greater surface area than one-inch pleats result in 6X longer effective lifetime.

**Reduces Contaminants**
Gaps between unsealed filters and the filter frame can allow particles to bypass the filtering process. As these particles accumulate on the coils and other areas of the ventilation system, they can become nutrients for bacteria, mold, mildew and other biological contaminants.

Available in 14 standard sizes. Non-standard sizes also available.

- Drop shipped to your customer, upon request.

*Independent Laboratory Test – ASHRAE 52.2*

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*Minimum Efficiencies*
- **0.3 to 1.0 micron**
  - Includes airborne pathogens:
    - Smallpox virus
    - Meningitis bacteria
    - Tuberculosis bacteria
    - Anthrax bacteria
    - Bronchitis bacteria
  - **32%**

*Minimum Efficiencies*
- **1.0 to 3.0 microns**
  - Includes airborne pathogens:
    - Bacillus anthracis
    - Mycobacterium
    - Fungi
    - Mold spores
    - Allergens
  - **69%**

*Minimum Efficiencies*
- **3.0 to 10.0 micron**
  - Includes airborne pathogens:
    - Human skin flakes
    - Bed bug feces
    - Pollen
    - Animal Dander
    - Parts of dead insects
  - **87%**

For more information call (800) 239-9495 or email us at customerservice@filtrationmanufacturing.com or visit our website at www.filtrationmanufacturing.com
INITIAL 52.2 TEST REPORT
LMS Technologies, Inc.

Test Type: Initial 52.2
Test Number: T120914A
Flow Rate/Velocity: 1180 cfm
Test Aerosol: KCl, Neutralized
Filter size: 24" x 24" x 5"

<table>
<thead>
<tr>
<th>Flow Rate (cfm)</th>
<th>Initial Fractional Efficiency(%)</th>
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<tbody>
<tr>
<td>295</td>
<td>0.015</td>
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<tr>
<td>590</td>
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<tr>
<td>885</td>
<td>0.060</td>
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<td>1180</td>
<td>0.094</td>
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<td>1475</td>
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Data verified by LMS Calibration Filter® Patent Pending

TEST SUPERVISOR
Emile Tadros

ENGINEERING APPROVAL
K.C. KWOK, PH.D.