A Proactive Approach to Equipment Maintenance Begins with Proper Filtration

Well maintained equipment costs less to operate, promotes optimal life expectancy and energy efficiencies. Ensuring that your equipment delivers consistent high-level performance minimizes the need for unnecessary service calls and costly repairs.

These are just a handful of the product applications where Permatron air filtration products have made a difference and effectively solved facility challenges.

Complete product application case history articles can be obtained by calling our customer service department or visiting our website:

www.permatron.com
1-800-882-8012
sales@permatron.com

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Keeps maintenance costs low & equipment efficiency high

Going Green with Proper Filtration

Mechanical systems are the second largest user of energy in most buildings. Common problems with HVAC equipment and controls can increase a building’s energy consumption 15-30%. According to EPA research 0.042" of dirt on an air conditioning coil can reduce its efficiency by 21%.

Effective Air Filtration Promotes:
- Optimized Operating Efficiency
- Reduced Energy Consumption
- Reduced Greenhouse Gas Emissions
- Extended Equipment Life
- Minimized Repairs and Downtime
- Reduced Maintenance and Chemicals
- Improved IAQ
- LEED Credits

Reduce maintenance, repair and labor costs. Clogged air intakes restrict air flow so that equipment is forced to run for longer cycles as reduced capacity and higher temperatures. Permatron’s PreVent® Protection Filters are a prefiltration defense, that captures debris before it enters the system and interior filters. This filter can be easily brushed clean with a broom versus having to clean the delicate fins and coils with time consuming hand brushing and messy corrosive chemicals that can damage the system components and the environment over time.

Washable Filters Mean Least Cost Over Useful Life

Exclusive Accumulator Chamber® Design

Using a unitized filter bank design, our electrostatic filters contain multiple sets of media assembled with distance suspension to create our Accumulator Chamber® triple action filtration system. The prefilter/afterfilter assembly maximizes free airflow with superior dust-holding capacity while resisting face loading.

FILTER MODEL | COMPONENTS | THICKNESS | INITIAL RESISTANCE TO AIR FLOW | ARRESTER EFFICIENCY | DUST HOLDING CAPACITY | AIR CLASS | WARRANTY
---|---|---|---|---|---|---|---
Model U2 | PREVENT® EQUIPMENT PROTECTION FILTER | 1/8" | 0.33 in. w.g. | 60% | 35 grams | Class 2 | 5 Years
Model U3 | PREVENT® EQUIPMENT PROTECTION FILTER | 1/8" | 0.55 in. w.g. | 75% | 100 grams | Class 3 | 3 Years
Model RMA | PREVENT® EQUIPMENT PROTECTION FILTER | 1/4" | N/A | N/A | N/A | Class 2 | 5 Years
Model K1 | PREVENT® EQUIPMENT PROTECTION FILTER | 1/8" | 0.33 in. w.g. | 42% | 67 grams | Class 2 | 5 Years
Model K2 | PREVENT® EQUIPMENT PROTECTION FILTER | 1/8" | 0.55 in. w.g. | 72% | 100 grams | Class 2 | 5 Years
Model IN | WASHABLE ELECTROSTATIC FILTER | 1/8" x 1.1" | 17.27 in. w.g. | 70% | 100 grams | Class 2 | 5 Years
Model MFA | WASHABLE ELECTROSTATIC FILTER | 1/4" x 2.25" x 2 | 17.27 in. w.g. | 80% | 100 grams | Class 3 | 5 Years
Model FFA | ALUMINUM FRAME | 1/4" x 2.25" | 17.27 in. w.g. | 80% | 100 grams | Class 2 | 5 Years
Model PLO | POLYESTER SIGMA PAD / MODIFIED ALUMINUM | 1/8" | 0.03 in. w.g. | 90% | 350 grams | Class 2 | Disposable
Model JME | MIST SUMMITER INTERNAL METAL FILTER | 1/2" | 0.05 in. w.g. | 90% | 500 grams | Class 2 | 5 Years
Model MMF | ALUMINUM METAL Mesh FILTER | 1/16" | 0.05 in. w.g. | 90% | 500 grams | Class 2 | 5 Years
Model MPO | GALLVANIZED STEEL METAL Mesh FILTER | 1/16" | 0.05 in. w.g. | 90% | 500 grams | Class 2 | 5 Years
Model MRH | HEAVY-DUTY ALUMINUM METAL Mesh FILTER | 1/16" | 0.05 in. w.g. | 90% | 500 grams | Class 2 | 5 Years
Model MSH | ALUMINUM SANDHOOD / APPLIANCE FILTERS | 1/16" | 0.05 in. w.g. | 90% | 500 grams | Class 2 | 5 Years
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www.airfilterplus.com
1-800-733-8011

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