



Donaldson®

Filtration Solutions  
for Gas Turbines,  
Generators, and Compressors

## Pre-filter for GE-AEP LM 6000 'Guard Filter' Door: P03-0228

Our P03-0228 is a pleated, disposable panel pre-filter with a 3½" depth specifically designed for installation in the "Guard Filter" door framing used in GE-AEP's LM6000 air inlet design.

### Filter Design

The P03-0228 pre-filter is made of 100% non-woven blended fiber media. It is rated at a 25-30% efficiency (ASHRAE 52.1-1992) with an Arrestance efficiency >90% when operated at a nominal face velocity of 500 feet per minute (2000 cfm per filter).

The air-leaving side of the filter media is bonded to a copper-coated welded wire grid for stability, and the media is pleated to minimize the airflow resistance while maximizing the filter efficiency and dust-holding capacity. Pleat separators ("fingers") that are an integral part of the heavy-duty beverage board frame serve to maintain the spacing between pleats.



Nominal Size:  
24" x 24" x 3"  
Actual Size:  
23-3/8" x 23-3/8" x 3½"  
Rated Airflow Capacity:  
2000 CFM  
Initial Resistance at  
Capacity\*\*:  
0.30" W.G.  
Gross Media:  
26.7 Ft<sup>2</sup>

\*\*Filters have been tested to a dust loaded resistance >3.0" w.g. without materially affecting structural integrity or filter efficiency. A final resistance of 1.0"-1.5" W.G. is typical for most installations.

Efficiency by Particle Size

