



Donaldson®

Filtration Solutions
for Gas Turbines,
Generators, and Compressors

Panel Prefilter for Gas Turbine Air Inlet System

Donaldson's panel prefilter is a pleated disposable prefilter specifically designed with GT (Gas Turbine) features that extend the life of high efficiency final filters, or offer medium efficiency filtration for special applications in gas turbine filter air inlet systems.

Filter Design

Donaldson GT prefilters are made of 100% synthetic fiber media. They are rated at a 20-25% 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 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.



Part Number P19-1249

Nominal Size:

24" x 24" x 4"

Actual Size:

23-3/8" x 23-3/8" x 3-7/8"

Rated Airflow Capacity:

2000 CFM

Initial Resistance at Capacity**:

0.26" W.G.

Gross Media:

26.7 Ft²

**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

