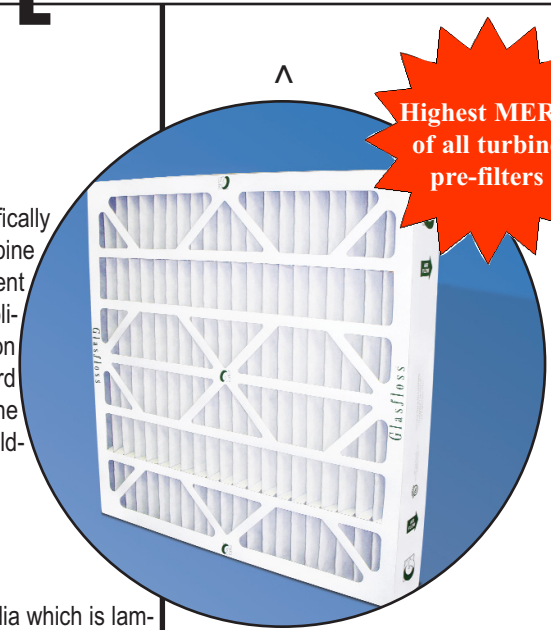




Z-LINE SERIES[®] HVGT Pleated Filter
(Pre-Filter for Guard Door Systems)

**Highest MERV
of all turbine
pre-filters**



FEATURES

The Glasfloss Z-Line HVGT pleated filter series is specifically designed as a pre-filter for "Guard Door systems" in gas turbine engine applications. The HVGT Series is also an excellent choice for centrifugal compressor and other high velocity applications. The HVGT Series features double-wall construction and a high wet strength, extra heavy duty beverage board frame for maximum durability in demanding applications. The HVGT Series achieves MERV 8 and offers excellent dust-holding capacity with low initial pressure drop.

CONSTRUCTION

Glasfloss Z-Line Series HVGT pleated filters incorporate media which is laminated to a galvanized metal that stabilizes the media during operation. The pleats are formed in a radial configuration to ensure proper dust-loading. The standard pleated cartridge is bonded into a two-piece extra heavy duty beverage board die-cut frame that creates a double-wall thickness around the filter and prevents air bypass. The die-cut grilles are internally bonded to the pleat apices on the air-entry and air-exit sides to ensure maximum integrity and support during the life of the filter.

- Achieves MERV 8 rating
- 100% Synthetic Media
- Extra Heavy Duty Beverage Board Frame Construction

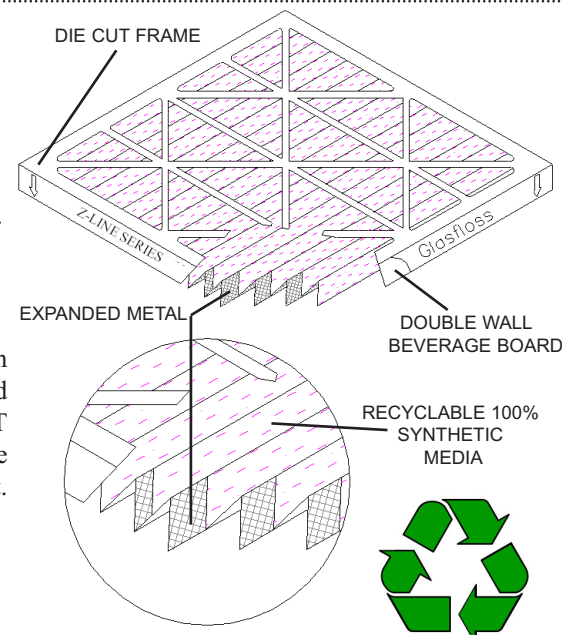
APPLICATIONS

Glasfloss Z-Line Series HVGT pleated filters are specifically designed to be installed in the Guard Door filter system on the GE LM6000 turbine. The HVGT may also be used in other turbine pre-filter applications, as well as any commercial or industrial HVAC filter applications. Special-construction and higher-efficiency models are also available for specific applications.

Size: 24 x 24 x 3.5"
Part Number: HVP24243HGT
Efficiency: MERV 8
Media Area: 26.95 sq. ft.

SPECIFICATIONS

Glasfloss Z-Line Series HVGT air filters shall be of the extended-surface pleated-media type. The media utilized shall be made of 100% synthetic fibers. The media shall be pleated in a tapered radial configuration. An expanded metal reinforcement shall be laminated to the air-exit side of the media by a thermo-setting adhesive to maintain continuity of the radial pleats. The expanded metal shall be galvanized to resist rust and corrosion. The pleated cartridge shall be bonded to the peripheral interior of the outer frame. An extra heavy duty moisture-resistant beverage board shall be utilized for an encasing frame. The frame face shall be internally laminated to the pleated cartridge apices. Glasfloss Z-Line Series HVGT filters shall be rated Class 2 under U.L. std. 900 and shall be rated to withstand temperatures up to 180 degrees Fahrenheit. Shall have a recommended final resistance of 1.5 in. W.G.

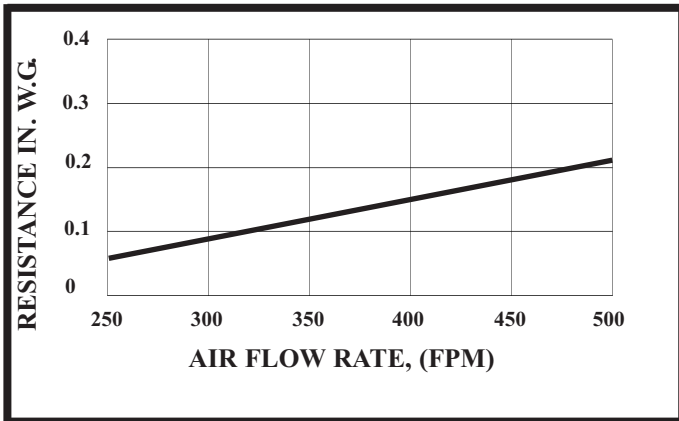


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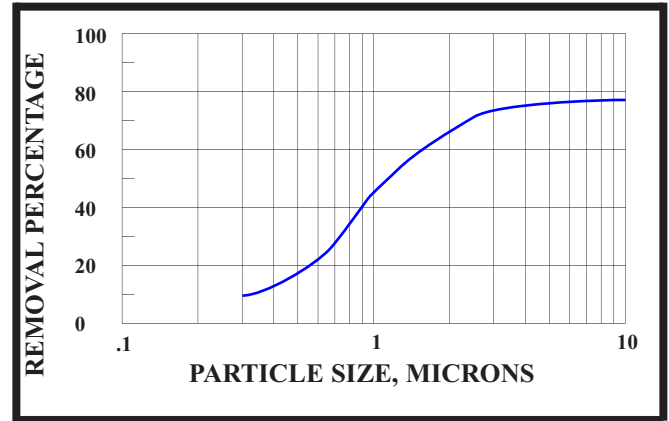
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" x 4" Nominal



MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 4" Nominal



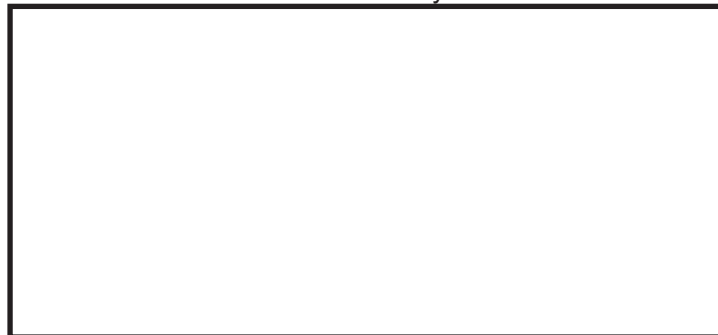
Glasfloss is proud to be an Energy Star Partner. The Energy Star Service and Product Provider Partnership is available to organizations that provide energy efficiency related products and/or services to the commercial buildings and industrial plants in the United States.



Glasfloss manufactures a variety of medium and high efficiency air filters which can be specified for LEED certification applications. For specific information on these products, please contact your local Glasfloss Sales Representative.



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