

AmAir® 300GT

Gas Turbine Prefilter

With a unique filter media, AmAir 300GT provides the highest efficiency and longest service life available in a panel type filter, together with a low pressure drop. Specifically designed for gas turbine installations, this extended surface filter gives premium performance in such installations, for a wide usage as a prefilter to extend the life of the final filter.



- **Premium performance and construction**
- **High loft media increases dust holding capacity**
- **Provides the highest efficiency available in a panel type filter**
- **Excellent filter to prevent dust build-up on heating and cooling coils, fans, and ductwork**
- **Widely used as a prefilter to extend the life of higher efficiency filters**
- **Directly interchangeable with disposable panel filters, media pads in metal frames, or permanent filters used in built-up filter banks. No modifications are necessary to frames or latches.**
- **Filters have pleat stabilizers to ensure uniform spacing and increase rigidity**

HIGHEST AVAILABLE EFFICIENCY

With an arrestance higher than 90%, the AmAir 300GT offers the highest available efficiency in a panel filter, without compromising the service life length. This is achieved through use of a unique filter media, which optimizes the affecting parameters.

LONG SERVICE LIFE

The AmAir 300GT has a 20% higher dust holding capacity than most other similar filters, which directly translates to longer actual service life and better replacement filter economy.

LOW PRESSURE DROP

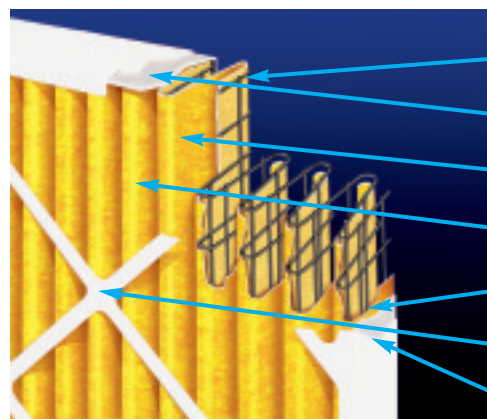
Through its pleated, extended surface design, in conjunction with the unique filter media, the AmAir 300GT also has one of the lowest pressure drops available in its filter type class today; for normal airflows less than 0.2 In. w.g. This contributes both to its long service life, as well as optimal operation performance.

EASY HANDLING

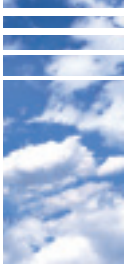
The AmAir 300GT is directly interchangeable with all similar kinds of disposable panel filters, media pads in metal frames, or permanent filters used in built-up filter banks. No modifications are necessary to the frames or latches.

STURDY DESIGN

The AmAir 300GT is made with AAF's totally unitized, double-wall, die-cut box, beverage board frame. The media pack is bonded inside the frame at all points of contact, and the built-in deep upstream and downstream separators eliminate all possible disturbance of the pleat pattern under high humidity and variable airflow conditions, thus ensuring total usage of the filter media. Overall, the filter is designed for rugged durability and reliability under tough service conditions.



- Welded wire pleat support grid
- Double wall beverage board frame
- High loft pleated media
- Contoured pleat
- Media pack adhesive
- Media support retainer
- Frame-to-frame adhesive

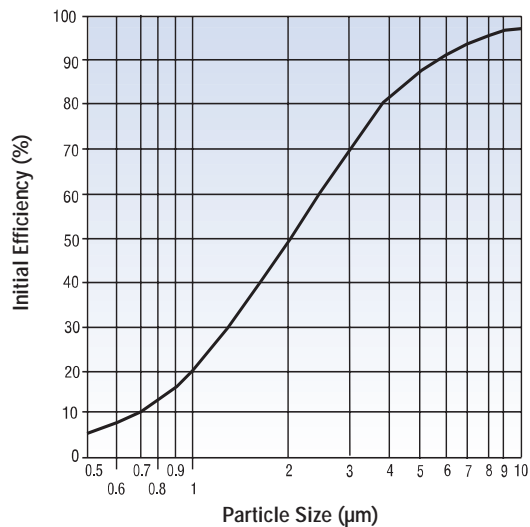


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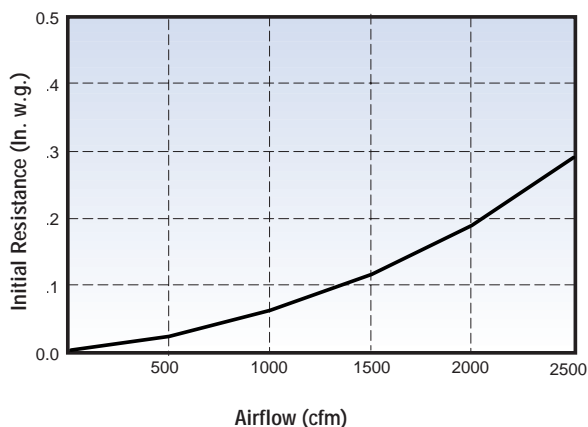
TECHNICAL DATA

| | |
|---|------------------------------|
| Actual Size (w x h x d) | 23-7/16" x 23-7/16" x 3-3/4" |
| Rated Face Velocity (fpm) | 625 |
| Initial Resistance (In. w.g.) | 0.31 |
| Recommended Final Resistance (In. w.g.) | 1.5 |
| Average Arrestance | 90-92% |
| Dust Holding Capacity at 2000cfm (g) | 550 |

Fractional Efficiency of Filter



Initial Resistance of Filter



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