



AmerKool GT

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- **Coalescer for turbine barrier filter**
- **Lightweight & easy to install**
- **Low average operating resistance**
- **Plastic frame for highest moisture resistance**



The AmerKool GT comprising M81 Demister-coalescing pad is a heavy duty, highly efficient Mist Eliminator cell that can be used in several configurations to meet the specific needs of any application.

Easy handling

The AmerKool-GT is designed for direct interchangeability with all disposal panel filters, media pack or permanent filters used in built-up filter banks and also side access systems. No modifications are necessary to the frames or latches for filters of similar sizes.

Sturdy construction

The M81 Demister-coalescing pad is housed within a sturdy double walled, die cut polypropylene board frame. To maximise media pack rigidity for the most difficult operating conditions, it is bonded to the plastic frame at all points of contact.

The M81 Demister-coalescing pad media is made from a 75 mm (3 inch) thick blanket of continuous filament glass fibres. A specially formulated water resistant binder is applied during the glass spinning process that allows the media to maintain its thickness and resiliency when saturated.

The pads are also made with an exclusive two-stage density, consisting of an open weave fibre pattern on the air entering side and a tighter weave on the air leaving side. This unique construction permits use of the full depth of the pad.

Application

AmerKool Gt is specially designed for use as a coalescer-demister in rotating machinery, such as Gas Turbines, Compressors and Diesel intakes. The reinforced plastic frame construction ensures premium performance in moist conditions and turbulent airflow.

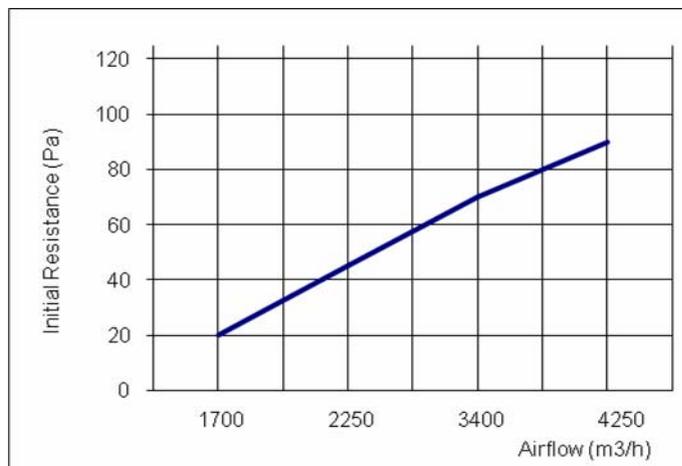
The AmerKool GT can be close coupled to the high efficiency filter or retained in separate filter bank.

AmerKool GT

Technical Data

| | | |
|---|---|------------------------|
| Matériau | : | Cadre en Polypropylène |
| Taille nominale (inch) | : | 24×24×3 |
| Taille réelle (mm) | : | 594×594×75 |
| Débit du flux d'air (m ³ /h) | : | 2250-4250 |
| Perte de charge initiale (Pa) | : | |
| At 3400 m ³ /h | : | 70 Pa |
| At 4250 m ³ /h | : | 90 Pa |
| Perte de charge finale (Pa) | : | 250 |

AmerKool GT Resistance vs Airflow



Notes :

- Air-flow is clearly indicated on the frame.
- Slots are foreseen on the bottom to drain water



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