

AmAir 300 GT

PREFILTER FOR ROTATING MACHINERY



Features and Benefits

- Prefilter with high arrestance and DHC
- Beverage board for highest moisture resistance
- Extends life of final filter

Applications

The AmAir 300 GT filter is specially designed for use as a prefilter in rotating machinery, such as gas turbine, compressor and diesel intakes. The reinforced beverage board panel filter construction ensures premium performance under moist conditions and turbulent air flow.

The AmAir 300 GT filter is attached to the DuraCel final filter with 4 spring clips or retained in separate filter banks.

Highest Available Arrestance

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

Long Service Life

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

Easy Handling

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

Sturdy, Reliable Construction

The pleated media pack of the filters is housed within a sturdy double-walled, die cut box, beverage board frame. To ensure the media pack does not rack or deteriorate under difficult operating conditions, it is bonded to the inside of its frame at all points of contact and retained in position by retainers at the air leaving and air entering sides.

Special designed fingers on the air entry and air leaving side enhance the equidistant spacing of the pleats, even under difficult operating conditions. On the air leaving side of the media pack, a wiremesh pleat support grid maintains equidistant spacing between pleats, ensuring that dust is collected evenly over the entire surface of the media. Media usage is maximized, resulting in a more gradual rise in resistance, which in turn has a positive effect on energy consumption and service life.

AmAir 300 GT Filter

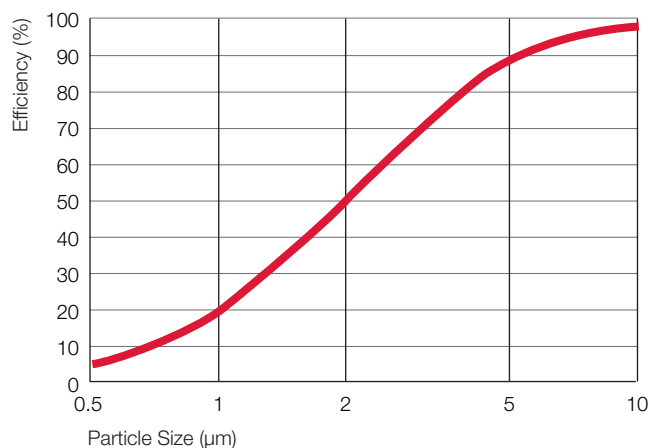
Technical Data

Max. operating temperature:	90 °C
Die-cut box material:	Moisture resistant beverage board
Nominal size (inch):	24 x 24 x 4"
Actual size (mm):	594 594 x 95
Airflow capacity (m ³ /h):	2040 - 4250
Initial resistance (Pa) at 3400 m ³ /h:	50
Initial resistance (Pa) at 4250 m ³ /h:	90
Final resistance (Pa):	250
Arrestance (%):	90 - 95
DHC with AC Fine at 3400 m ³ /h and 250 Pa:	550 gr.
Filter Class according to EN779:2012:	G4
Fire classification:	UL 900 classified. See complete marking on product

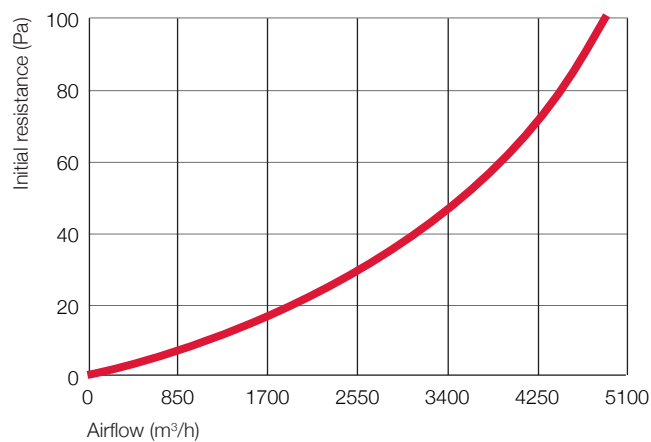
Other size available upon application.

AmAir GT is also available as AmAir 500 GT, utilizing M5 glass media.

Fractional Efficiency



Resistance vs Airflow



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