

DuraPulse-GT

Gas Turbine Air Filtration Cartridge Filters



The AAF DuraPulse-GT cartridge filter is a heavy duty, highly efficient cylindrical element developed for use in self-cleaning pulse-type air filtration systems. They have been specifically designed to withstand the harsh operational environments of gas turbine operations.

FEATURES AND BENEFITS

- *High efficiency performance under severe environmental conditions*
- *Durable heavy duty construction*
- *Extended life*
- *Ease of installation*
- *Zero air bypass design*
- *Exceptional acoustic attenuation*
- *Positive sealing with an integral gasket on each cartridge filter*
- *Low operating resistance (minimum pressure drop)*
- *Cost effective solution*
- *No special tools required at installation*
- *Pre-filter cartridge wraps available*
- *Full range of filters to meet customer requirements*

CONSTRUCTION

- *The AAF DuraPulse-GT cartridge filter can be provided as a cylindrical or conical style*
- *Sizes from 18" to 56" length and 8" to 24" outside diameter*
- *Finest quality cellulose/polyester-based material*
- *Up to 99.9% efficiency on 0.5 micron particles*
- *High moisture resistance*
- *Flame retardant properties*
- *Synthetic media for special applications*
- *Perforated galvanized steel screens to ensure that the media is held rigidly in place during reverse pulse mode of self-cleaning filter units*
- *Hot melt beading in an annular ring design on internal and external surfaces to prevent excessive movement of the media*
- *Pleat lock stabilization to create and maintain uniform spacing between pleats*
- *Galvanized steel end caps are bonded to the cartridge media with thermosetting plastic to form a one piece, zero by-pass cartridge filter*

- *Specifically designed to ensure media pack integrity and maximize surface area*

AAF FILTRATION TECHNOLOGY

- *All media goes through a 100% inspection process upon receipt*
- *All cartridge filters are fully inspected following pleating operation and at completion*
- *Initial resistance (typical) - 130 pa*
- *Weight resistance (AC fume test dust) - 99.7%*
- *Average dust spend efficiency - 90%*
- *Test reports (available upon request) to AFTL standards*
- *Synthetic media for special applications*

GENERAL DATA

AAF is one of the world's leading manufacturers and suppliers of gas turbine equipment.

- *Service support on a global basis*
- *Quality certification to ISO 9001*

AAF has a policy of continuous product research and improvement and may amend specifications accordingly.



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