

Tenkay Pulsejet

for turbo machinery



Tenkay Pulsejet features

Tenkay pulsejet filter elements are vertically hung in lockable metal tracks which provide for their automatic alignment.

A complete row of up to eight elements deep is locked and sealed in position by the simple rotation of a set of cam bars.

Tenkay filters provide an overall mature efficiency of 99.6% on 1 micron particles.

No charged fibers are used in media construction and thus no loss of efficiency is anticipated during operation.

Application areas

- Air intake for gas turbines, compressors and large engines
- Desert and arctic environments
- Environments with high dust concentrations

Applications

Camfil Farr Tenkay filter elements offer high efficiency air filtration for stationary gas turbines installed in hostile environments. The Tenkay pulsejet filter allows for continuous operation, even under the most severe conditions, from sandstorms to ice and snow.

Construction

Top clamping plate and closed bottom caps are made of pressed galvanized steel or stainless steel.

The media pack is externally retained by a triple twine helical cord which prevents distortion during backflushing. Inner retaining rings support the media pack and prevent the element from collapsing under abnormally high differential pressure.

Tenkay filter media is made of resin-impregnated cellulose and synthetic fibers folded into a series of dimple pleats ensuring consistent spacing and fuller utilization of the media. Media is also water repellent which maintains pleat stability and overall performance even under high humidity and moisture conditions.

Sealing gaskets are one piece neoprene or silicone and are permanently glued to the top clamping plate.

Tenkay filter elements can be supplied with either standard or high efficiency media, both having been tested per ASHRAE Standards 52.1 and 52.2.



Australian Air Filters

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