



The Camfil Farr Dynavane is a compact, self-cleaning, inertial separator. It is designed to handle large volumes of air at high velocities, while operating at a constant airflow resistance. The Dynavane incorporates inertial separation, providing high dust removal efficiency of airborne particulate matter.

The Dynavane is normally self-cleaning and does not require routine maintenance. It is designed to provide long, trouble-free service under the most difficult conditions.

Dynavane blade packs are removable. This unique feature facilitates thorough inspection or service, if necessary.

Extensive testing under laboratory and field conditions has proven the Dynavane to be one of the most effective high volume air cleaners for use in single and multi-stage filtering systems. It has been demonstrated over many years of application that the Dynavane inertial separator will perform efficiently in a wide variety of operating conditions.



Standard, pre-engineered Dynavane assemblies are available in sizes ranging from one single cell to the modular arrangement of 112 cells. The Dynavane operates effectively at volumes of 500 CFM (850 m³/h) to 2000 CFM (3400 m³/h) per cell with comparatively low resistance. Multiple units can be combined to handle even greater air volumes with minimal space requirements.

The Dynavane's efficiency is dependent on the size and specific gravity of the dust particles, as well as the air approach velocity and bleed air rate. Large variations in inlet temperature also affect collection efficiency. Normal design condition is for a bleed rate of 10% of the inlet airflow (or 11 % of the clean airflow) at ambient temperature, and a dust specific gravity of 2.54.



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