

clearcurrent® PRO-HEPA DSY+ vCell



Key Benefits

- EPA grade filtration efficiency media provides hydrophobic performance for superior protection in wet environments
- Low pressure loss helps increase power output and/or improve fuel efficiency
- Easy to install and change out to reduce down-time
- Easily disposable by incineration

HEPA Grade Filtration Efficiency

Maintaining gas turbine inlet combustion air quality is essential to minimize gas turbine compressor blade fouling. The PRO-HEPA DSY+ vCell filter delivers very high small particulate removal efficiency and is classified as a High Efficiency Particulate Arrestance (HEPA) filter, with >99.5% removal of all particulate at the Most Penetrating Particle Size (MPPS). This high efficiency promotes improved gas turbine performance and reduced operating and maintenance costs. HEPA-rated filtration increases capture of small particulates and contaminants in order to minimize fouling and gas turbine performance degradation.

PRO – Predictable, Reliable Output

The clearcurrent PRO-HEPA DSY+ filter delivers predictable performance while maintaining steady dP. Our vCell reduces both dry and wet contaminants from reaching the turbine blades. Because the vCell isn't constructed with extremely thin membranes, we're able to eliminate the risk of unpredictable pressure drops often associated with membrane technology, all while providing balanced maintenance costs and improving your MW output. This unique high efficiency final filter made with PRO technology, the clearcurrent PRO-HEPA DSY+ vCell delivers exceptional gas turbine performance across the filter's service life.

Performance Data

ASHRAE 52.2: 2012 Rating	MERV 16
EN1822: 2009 Rating	E12
Rated Airflow	4250 m³/h (2500 CFM)
Operating temperature range	-40°C to 70°C (-40°F to 158°F)

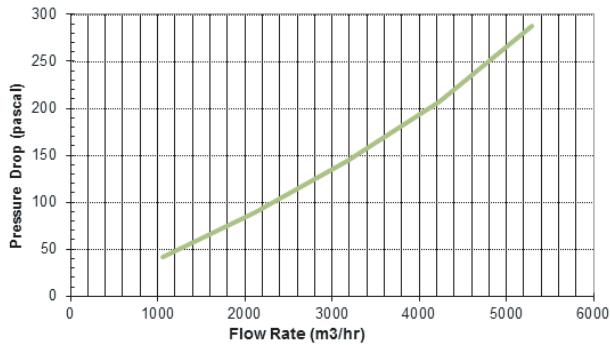
Filter Facts

Construction	Robust, impact resistant plastic, ABS (Acrylonitrile butadiene styrene)
Gasket	Single piece, polyurethane
Dimensions	595 mm H x 595 mm W x 600mm D 23.4 in H x 23.4 in W x 23.6 in D
Clean Weight	18 kg/ 40 lbs
Application	Multi stage high efficiency static or hybrid filtration
Media	100% synthetic microglass

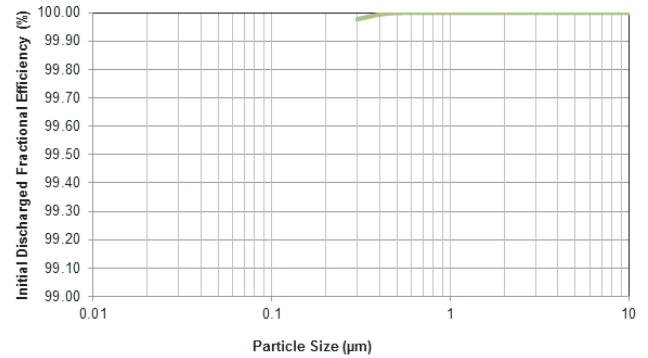


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Pressure Drop

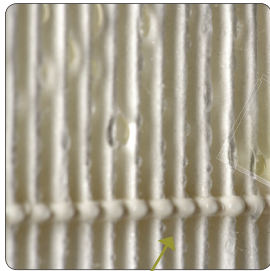


Initial Fractional Efficiency

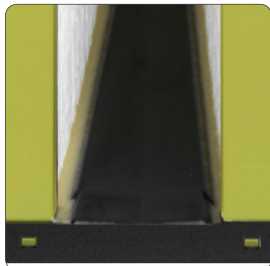


Key Features

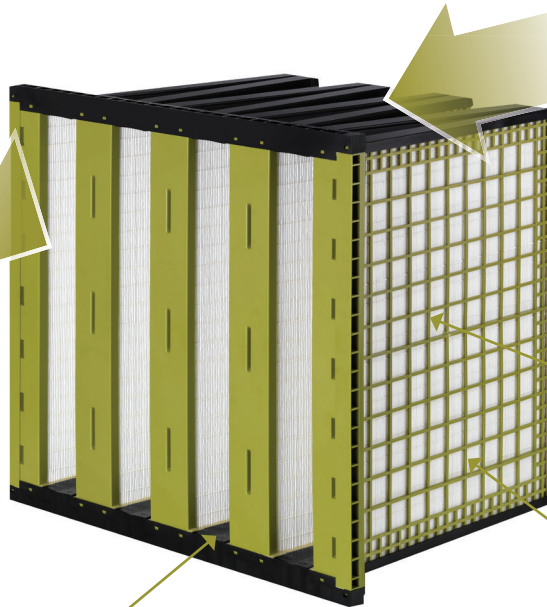
Media with PRO technology



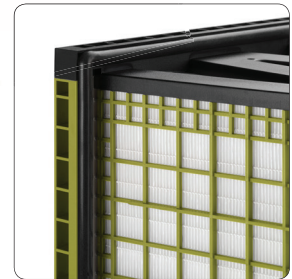
Best in class hydrophobic properties



Fully potted and sealed media packs



Continuous gasket with gasket stop



Robust ABS frame

Protective grids, ensures wet burst pressure of greater than 25" WG