



clearcurrent® PRO-HEPA HV+ vCell

HEPA Grade Filtration Efficiency

Maintaining gas turbine inlet combustion air quality is essential to minimize gas turbine compressor blade fouling. The PRO-HEPA HV+ vCell filter delivers very high small particulate removal efficiency and is classified as a High Efficiency Particulate Arrestance (HEPA) filter, with >85% 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 HV+ 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 HV+ vCell delivers exceptional gas turbine performance across the filter's service life.

KEY BENEFITS

- EPA grade filtration efficiency media provides water-resistant 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 downtime
- Easily disposable by incineration

Performance Data

ASHRAE 52.2 rating (2500 cfm)	MERV16
EN1822 rating (4250 m ³ /hr)	E10
Rated air flow	4250 m ³ /hr (2500 CFM)
ASHRAE dust-holding capacity (450 Pa) @ 3400 m ³ /hr	919 g/2 lb
ASHRAE dust-holding capacity (450 Pa) @ 4250 m ³ /hr	459 g/1 lb
Operating temperature range	-32°C to 70°C (-25°F to 158°F)

Filter Facts

Construction	Robust, impact resistance plastic, ABS (Acrylonitrile butadiene styrene)
Gasket	Foam in place polyurethane, continuous, single piece
Dimensions	595 mm H x 595 mm W x 435 mm D (23.4" H x 23.4" W x 17.1" D)
Clean Weight	13 kg (29 lb)
Application	Multi stage static or hybrid filtration, available also in reverse flow configuration
Media	100% synthetic microglass

For more information, contact your clearcurrent representative at [CLARCOR Industrial Air](#):

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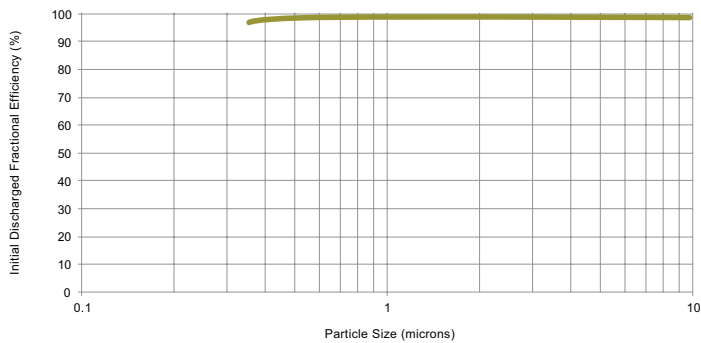
CLARCOR
Industrial Air

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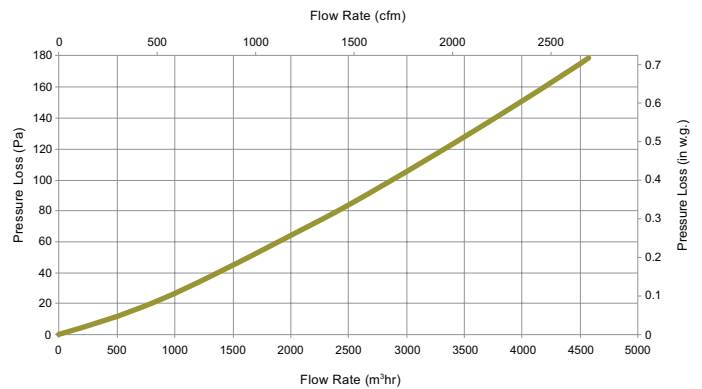
Key Features



Initial Fractional Efficiency



Pressure Drop



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