

clearcurrent® PRO HX vCell



High Performance Filtration

The Parker Hannifin clearcurrent filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Our 40 years of expertise in gas turbine air intake design has influenced the development of this water-resistant filter. Its high dust-holding capacity helps prolong filter life and significantly lowers operating costs. The filter is designed for low pressure loss to enable improved power output. Available in industry standard sizes, the PRO HX is suitable for all GT OEM filter houses.

Key Benefits

- 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 downtime
- Easily disposable by incineration

PRO – Predictable, Reliable Output

The clearcurrent PRO filter delivers predictable performance while maintaining steady pressure loss. Our vCell reduces both dry and wet contaminants from reaching the turbine blades. The clearcurrent vCell filter is designed to provide maximum protection to gas turbines against moisture, and is both mist and fog resistant, as well as particulate contaminants. The PRO HX vCell provides balanced maintenance costs all while improving your MW output. This unique high efficiency final filter is made with PRO technology. The clearcurrent PRO HX vCell delivers exceptional gas turbine performance across the filter's service life.

Performance Data

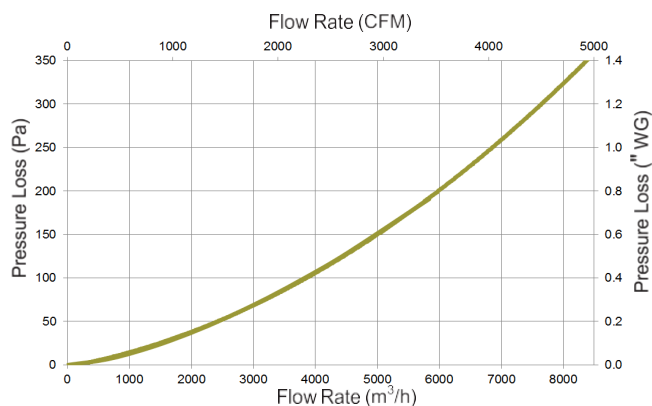
ASHRAE 52.2: 2012 Rating	MERV 15
EN779: 2012 Rating	F9
Rated Airflow	4250 m³/h, (2500 CFM)
ASHRAE dust-holding capacity (450 Pa) 3400 m³/h	930 g (2.1 lb)
ASHRAE dust-holding capacity (450 Pa) 4250 m³/h	635 g (1.4 lb)
Operating Temperature Range	-40°C to 70°C (-40°F to 158°F)

Filter Facts

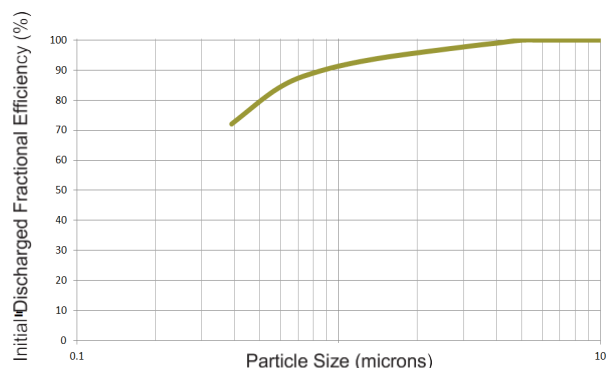
Construction	Robust, impact resistance plastic, ABS (Acrylonitrile butadiene styrene)
Gasket	Single piece, polyurethane
Dimensions	Nominal Depth: 435mm D (17.1in) Face Dimensions: Various Available Reverse Flow Configuration: Available
Clean Weight	13.7 kg (30 lb)
Application	Multi stage static or hybrid filtration, available also in reverse flow configuration

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Pressure Loss



Initial Fractional Efficiency



Key Features

