



clearcurrent® SF vCell

High Performance Filtration

CLARCOR Industrial Air's clearcurrent filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Over 40 years of expertise in gas turbine 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 optimum power output. Available in industry-standard sizes, it is equally suitable for both GE- and non-GE-supplied inlet filter systems.

KEY BENEFITS

- Low pressure loss helps increase power output and/or improve fuel efficiency
- High dust-holding capacity helps extend filter life and reduce costs
- Easy to install and change out to minimize downtime
- Easily disposable by incineration

Construction

The clearcurrent SF vCell filter is made using fully potted pleated panels to provide a complete seal and is mounted within an ABS plastic frame. Protective grids incorporated on the downstream surface deliver robust performance, even in high under-pressure conditions, which can be experienced in gas turbine applications. A specially designed gasket seals the rear contact surface of the filter frame against the holding frame of the filter house. This helps eliminate the possibility of air or water bypassing the filters when in service.

Performance Data

ASHRAE 52.2 rating (2500 cfm)	MERV11
EN779: 2012 rating (4250 m3/hr)	M6
Rated air flow	4250 m3/hr (2500 CFM)
ASHRAE dust-holding capacity (450 Pa) @ 3400 m ³ /hr	547g/1.21 lb
ASHRAE dust-holding capacity (450 Pa) @ 4250 m ³ /hr	452g/1.0 lb
Clean Weight	10.5 kg/23.1 lb
Operating temperature range	-40°C to 70°C -40°F to 158°F
Dimensions	595 mm H x 595 mm W x 293 mm D 23.4" H x 23.4" W x 11.5" D

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

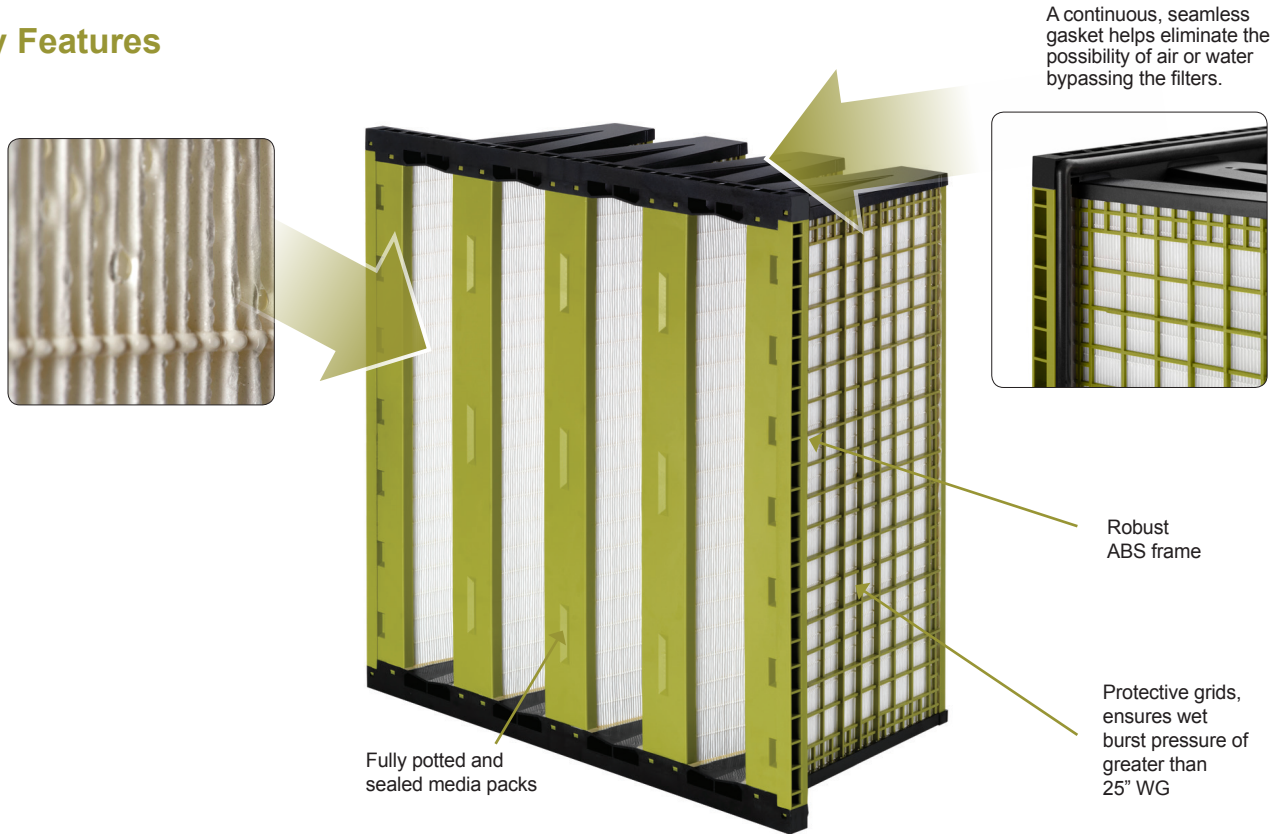
11501 Outlook Street, Suite 100 | Overland Park, KS 66211
T: +1.800.821.2222 | T: +1.816.356.8400 | F: +1.816.353.1873

3 Omega Park | Alton, GU34 2QE | United Kingdom
T: +44 (0) 1420 541188 | F: +44 (0) 1420 541298
Email: filtration@CLARCOR.com

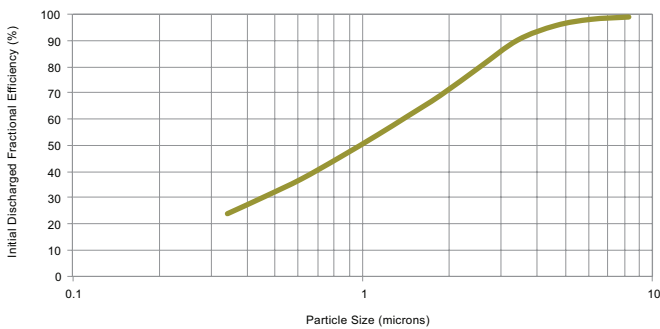


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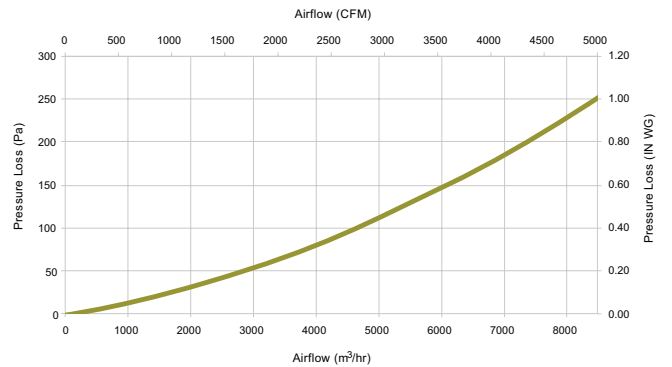
Key Features



Initial Fractional Efficiency



Pressure Drop



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