



## clearcurrent® BP Cartridge Filter

The CLARCOR Industrial Air clearcurrent filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Our 50 years of expertise in gas turbine design has influenced the development of this filter. Its high dust-holding capacity helps prolong filter life and significantly lowers operating costs.

The BP synthetic and cellulose blended media filter provides high levels of protection for self-cleaning gas turbine inlet filtration systems. Designed to fit a range of new and retrofit systems in cross-flow, up-flow, and split up-flow configurations and available in various sizes and materials in both cylindrical and conical styles, the filter element has been tested to, and complies with, a wide range of industry specifications for gas turbine inlet filtration.

### Key Benefits

- The unique blend of fibers effectively captures high levels of sub-micron particulate, and delivers high performance filtration and longer life while maintaining a low operational pressure drop.
- Cartridges are available in various sizes and materials in both cylindrical and conical styles.
- The high performance filtration characteristics remain optimized when operating in relatively dry conditions, and at medium or low dust loading. The cartridge is rated F9 in accordance with EN779:2002 and MERV 12 (ASHRAE 52.2).

### Performance Data

ASHRAE 52.2: Rating	MERV 12
EN 779: 2002 Rating	F9
Rated Airflow	0.722m <sup>3</sup> /s, (1530 CFM)
ASHRAE dust-holding capacity (450 Pa)	1822 g (4.02 lb)
Operating Temperature Range	-32°C to 70°C (-26°F to 158°F)

### Filter Facts

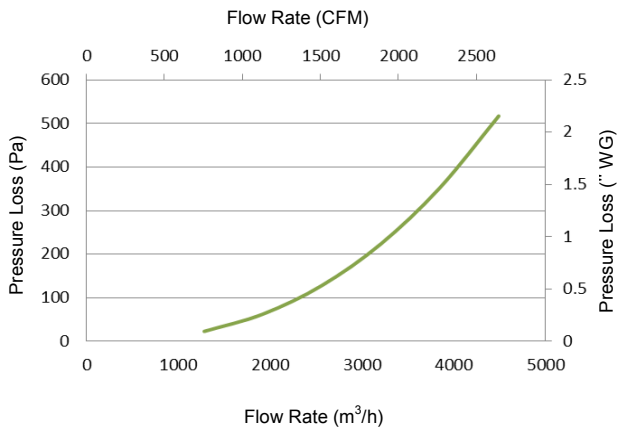
Construction	G90 galvanized standard
Gasket	Closed cell gasket design and positive sealing arrangement eliminates unfiltered air bypass
Dimensions	Cylinder: 12.75" x 26" / 324mm x 660mm Conical: 12.75" x 17.50" x 26" / 324mm x 445mm x 660mm
Clean Weight	14.3 kg (31.53 lb)
Media	80% Cellulose 20% Synthetic

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

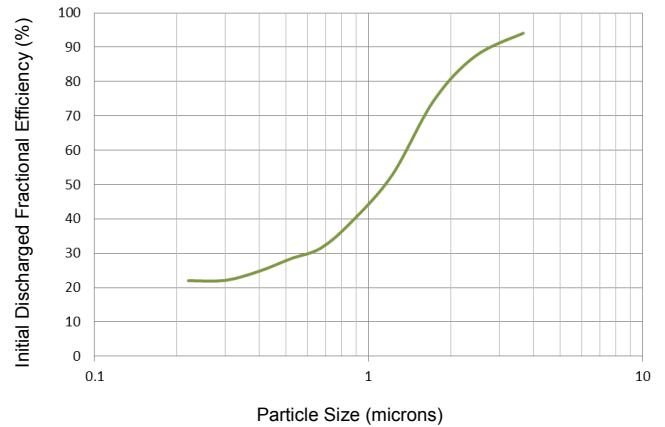
3 Omega Park | Alton, GU34 2QE | United Kingdom  
T: +44(0) 1420 541188 | F: +44(0) 1420 541298  
Email: [gti-filtration@clarcor.com](mailto:gti-filtration@clarcor.com)

## clearcurrent® BP Cartridge Filter

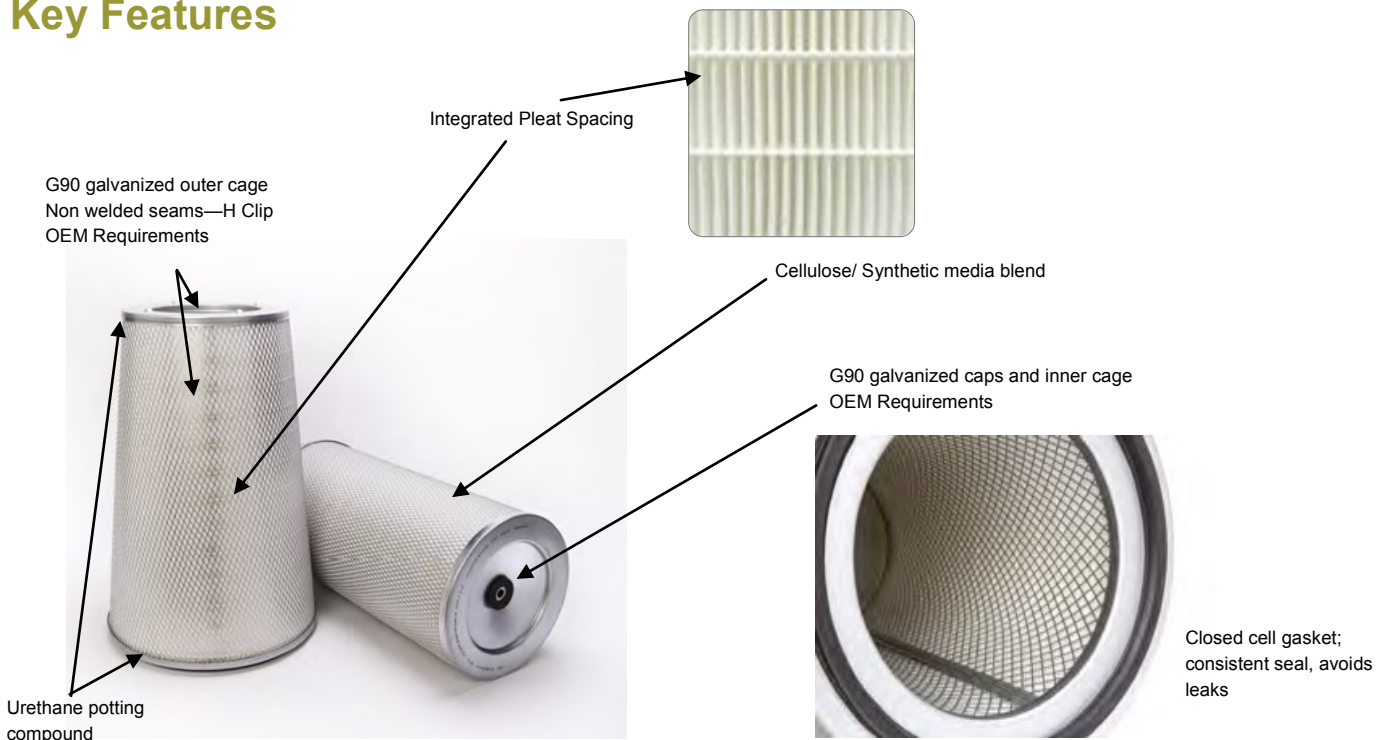
### Pressure Loss



### Initial Fractional Efficiency



### Key Features



- Integrated Pleat Spacing**: Close-up of the pleated media showing consistent spacing between pleats.
- Cellulose/ Synthetic media blend**: Description of the filter media composition.
- G90 galvanized outer cage**, **Non welded seams—H Clip**, **OEM Requirements**: Description of the outer cage construction.
- G90 galvanized caps and inner cage**, **OEM Requirements**: Description of the inner cage and caps.
- Urethane potting compound**: Description of the sealant used at the top and bottom of the filter.
- Closed cell gasket; consistent seal, avoids leaks**: Description of the gasket used for sealing the filter.

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: gti-filtration@clarcor.com



©2016 BHA Altair, LLC. All rights reserved. clearcurrent is a registered trademark of BHA Altair, LLC.

CLEARC BP (01/2016)