



clearcurrent® PRO Reverse Cartridge Filter for LM6000s

Improving compressor health while meeting industry standards — it's the unique advantage that clearcurrent PRO brings to the energy & utility sector. Following a yearlong study we were able to determine proper criteria that can help you reduce overall turbine degradation and improve compressor health. The clearcurrent PRO filter incorporates elements of degradation-based maintenance to help power generators meet their desired performance goals.

The clearcurrent PRO means you get Predictable, Reliable Output. This cartridge filter delivers predictable performance while maintaining steady pressure loss. It is constructed with PRO technology that reduces both dry and wet contaminants from reaching the turbine blades. The cartridge operates in static air inlet systems for low to medium dust load applications.

Key Benefits

- Single, reverse flow cartridge.
- Filter hangs on existing tubesheet and is clamped in place
- End pans on clean side of inlet house will not fall off during high dP situation
- Wrap is installed inside the filter with retainer strap to keep wrap in place
- Higher efficiency, higher dust holding capacity and lower DP
- Well proven at delivering low degradation and helping to improve turbine performance
- Contributes to reduced compressor fouling and reduced operating costs
- Media provides hydrophobic performance for superior protection in wet environments

Performance Data

EN779 rating (2002)	F9
Rated airflow	2000 CFM
Dust-holding capacity	580g ASHRAE dust at 4"WG
ASHRAE 52.2 rating	MERV 15
Operating temperature range	-39°F to 120°F
Initial Arrestance	>98%
Average Arrestance	>99% at 3"WG
ASHRAE 52.2:2012 of Filter	MERV 15 at 2000 CFM
ASHRAE 52.2 of Wrap	MERV 7
Filter Element Dimensions (H x OD x ID)	660 x 445 x 350 mm 26 x 17.5 x 13.8 in
Flange Dimensions (OD)	480 mm / 18.9 in
Filter media surface area	23m ² / 250 ft ²

Part Numbers

G90 Cartridge & Wrap	04030073
Stainless Steel Cartridge & Wrap	04030090
Replacement Wraps	04030074
Metal Combination (stainless steel on clean side; G90 on dirty side)	04030094

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

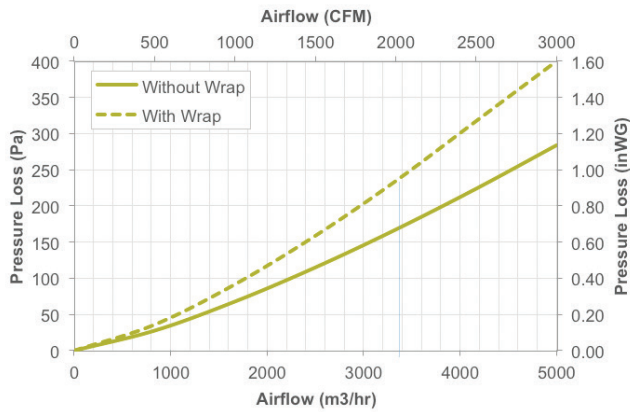
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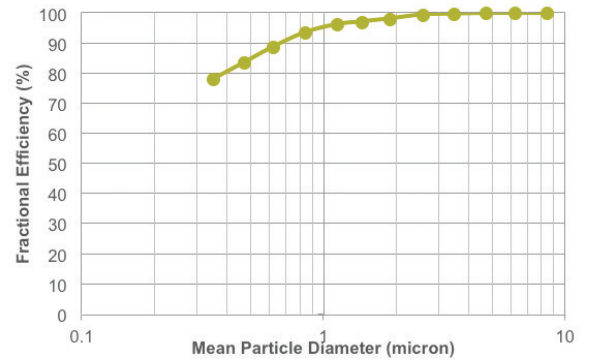
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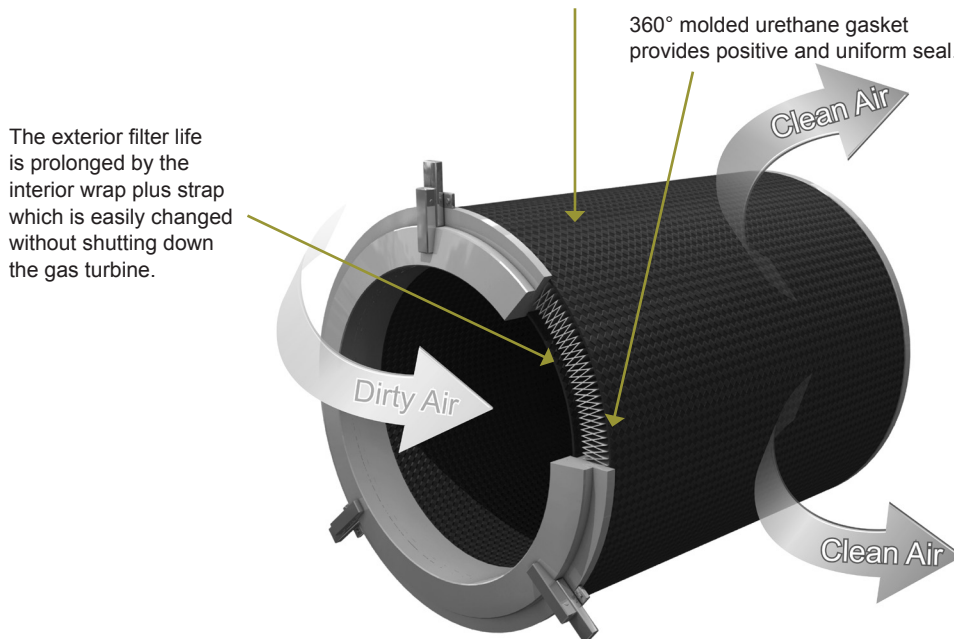
Pressure Drop



Initial Fractional Efficiency



Standard inner and outer filter liner material is galvanized expanded metal. Stainless steel is available as a metal option, as is a combination metal of stainless steel on the clean side and G90 on the dirty side, which provides extra protection against condensation to the clean side of the inlet house.



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