



Koch Filter Corporation
Filtration Products Crafted with Pride

ICF-12 *High Efficiency Cellulose/ Synthetic Premium Filter Media*

ICF-12 is a blended Cellulose/Synthetic premium filter media with a non-phenolic resin system. High moisture resistance, excellent capacity and cake release characteristics.

| | |
|------------------|---------------------------------|
| Basis Weight | 70lbs/3000 ft ² |
| Caliper | 27 mils @ 2.7 psi |
| Air Permeability | 15 cfm/ft ² @ 0.5 wc |
| Resin Content | 18 % |
| Mullen Burst Dry | 70 psi |
| Mullen Burst Wet | 47 psi |
| Resin System | Non-Phenolic |

Test Results

| | |
|---|---------|
| Airflow Rate (CFM) | 500 |
| Initial Resistance (in WG) | 0.58 |
| E1 (%) Initial Efficiency 0.30 - 1.0 µm | 39 |
| E2 (%) Initial Efficiency 1.0 - 3.0 µm | 77 |
| E3 (%) Initial Efficiency 3.0 - 10.0 µm | 99 |
| MERV* | MERV 11 |

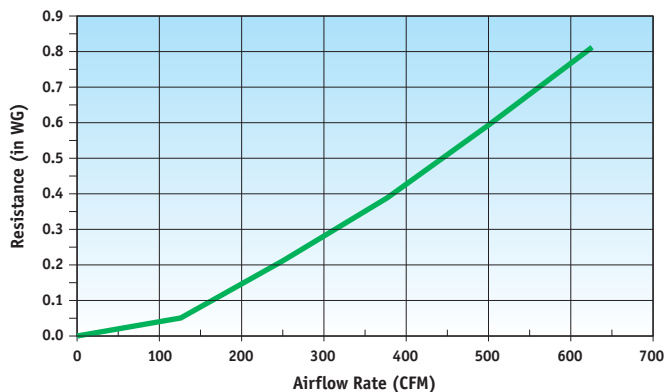
* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



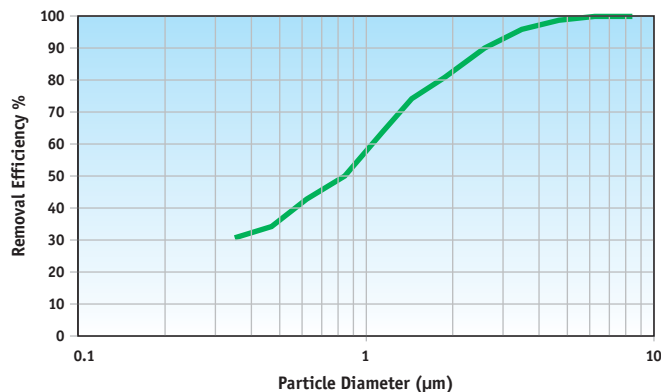
Typical Applications

- Battery Recycling
- Dry Chemical Processing
- Laser Cutting
- Metal Grinding
- Mining
- Welding

**Air Flow vs Resistance
Clean Device**



Initial Particle Size Removal Efficiency



Corporate Offices
P.O. Box 3186 • 625 West Hill Street (40208)
Louisville, KY 40201 • 502.634.4796
Fax: 502.637.2280 • E mail: info@kochfilter.com
www.kochfilter.com

© January 2012 Koch Filter Corporation



Look for the Koch Green icon! Whenever you see the Koch Green icon, we are identifying a product that meets or exceeds our criteria in one or more of the following categories: Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.