

## Captrate® Combo Filter Specification

### Application:

Captrate® Grease-Stop Combo Filters are available in standard industry sizes and are designed to capture and remove a high percentage of the total grease particulate emissions produced during commercial cooking operations. Benefits include reduced fire hazard and maintenance associated with grease build-up in hood plenums, ductwork, fan assemblies, rooftops and adjacent surfaces.

### Specification:

The Captrate® Grease-Stop Combo Filter is a multi-stage filtration system consisting of a high performance S-baffle component combined with a secondary packed-bed filter of porous ceramic media. The filter is ETL listed to UL Standard 1046.

Metallic components constructed of 430 stainless steel and durable micro-porous ceramic media that is capable of absorbing smaller grease particulate by means of capillary action. Units shall include stainless steel handles and a fastening device to secure the two components when assembled. The filter assembly shall fit into standard 2-inch deep hood channel.

Grease extraction efficiency performance shall remove at least 97% of the total mass emitted grease particles and having functional efficiency of 60% greater of grease particles emitted two microns in size and larger.

### Maintenance:

Daily cleaning of the baffle-type filter and bead-bed filter sections (separately) is recommended using one of the following methods:

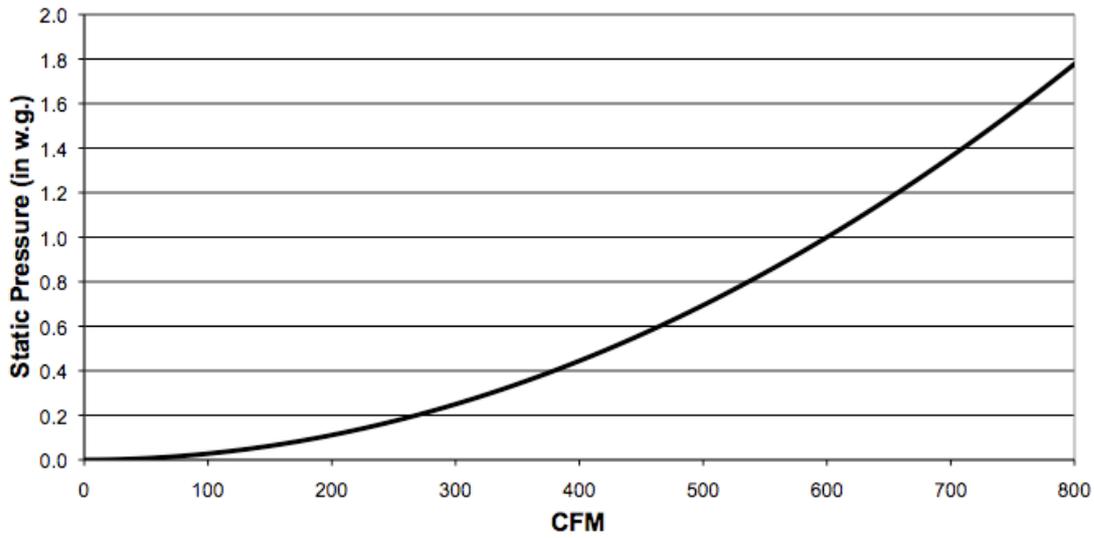
- Wash filter components separately using a commercial dishwasher (preferred method, if available)
- Wash filter components separately by soaking overnight in a sink (or commercial soak tank) with commercial detergent or degreaser
- Some applications, depending upon cooking emissions and usage, may require periodic overnight soak tank with commercial detergent or degreaser, in addition to daily cleaning with a commercial dishwasher



### Picture of the Captrate® Combo Filter



## Filter Static Pressure 20" x 20" Filter



## Filter Efficiency Chart

Filter was tested to ASTM Standard F2519-05 by an independent third party. The purpose of the ASTM standard is to determine the grease particle collection efficiency of filters used in commercial kitchens to capture grease effluent prior to entering the grease duct.

