



captrate solo + combo filters

# The Most Effective

Grease Extractors in Commercial Kitchen Ventilation

## What do you trust in your kitchen?

**CaptiveAire's Captrate® Solo Filter is a single-stage filter featuring a unique S-Baffle design in conjunction with a slotted rear baffle design to deliver exceptional filtration efficiency of single-stage devices.**

The Captrate® Solo 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 kitchen cooking operations.

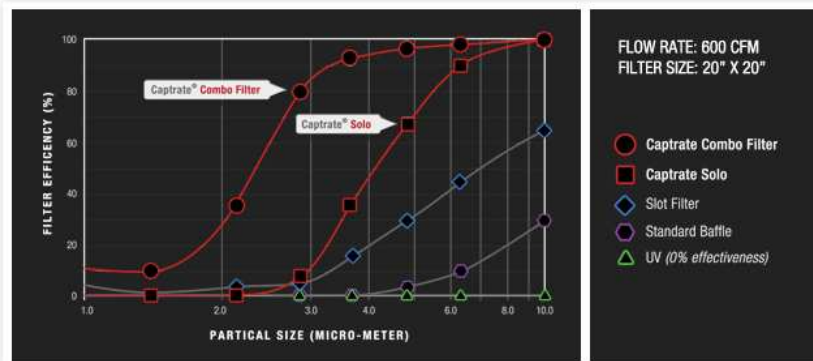
Benefits include reduced fire hazard and maintenance associated with grease build-up in hood plenums, duct work, fan assemblies, rooftops and adjacent surfaces when using Solo filters. The Solo filter is constructed of 430 stainless steel and sized to fit into standard 2-inch deep hood channel(s).

Single unit assembly design does not require any components to be separated for cleaning and maintenance. Simply wash using a dishwasher or soak using a commercial degreaser.



captrate solo filter

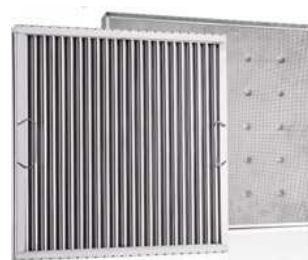
## Captrate® Solo & Combo Filter Collection Efficiency Comparison



**CaptiveAire's Captrate® Combo Filter uses the latest technology in multi-stage grease filtration, delivering unparalleled efficiency for restaurant hood systems.**

The first stage consists of an optimized S-baffle designed to remove and drain the larger grease particles. The second stage features a packed-bed of porous ceramic media, designed to capture the smaller grease particles associated with commercial cooking. The combined result is a front-end filtration solution delivering unparalleled grease removal efficiency for restaurant hood systems.

The Captrate® Combo Filter is available for new kitchen hoods and can also be retrofitted into most existing ventilation systems. It will substantially reduce cleaning, maintenance cycles and attendant expenses, providing greater overall cost savings than other grease capture devices or systems on the market today.

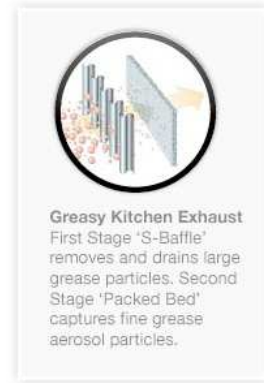


captrate combo filter

## Captivating performance

The Captrate® filter, which is a bed of porous ceramic beads, captures small particles as they are forced through the bed's pathways and then pulls the grease into the beads to prevent clogging. This capture-and-store process as well as the high efficiency, first-stage baffle, which confines more grease than any other baffle, extends the cleaning interval, thereby lengthening the system's run time.

The Captrate® Combo Filter is designed to capture substantially more grease than today's standard filter systems. The superior efficiency means cleaner duct work, exhaust fans, and external surfaces such as roofs, walls, and pavement. Less grease means improved safety as well as reduced maintenance and cleaning cost of the ventilation system.



## Features & Benefits of Captrate Filter Line

- ✔ **Efficient front-end grease capture system**
  - ▶ Reduces the operating costs by decreasing the frequency of hood and duct work cleaning, exhaust fan replacement, and roof repair
  - ▶ Improves fire safety of cooking operations by reducing quantity of fuel (grease) throughout the system
  - ▶ In some cases, can eliminate the need for costly, downstream air purification systems

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- ✔ **Captures 2-4 times the weight of grease compared to standard baffle filters**
  - ▶ Cleaner ducts, exhaust fans, and exterior surfaces, including roofs, walls, and pavement
  - ▶ Less grease being exhausted from kitchens means less odor, reduces neighbor complaints

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- ✔ **Available in all popular sizes of standard baffle filters**
  - ▶ Retrofit capability - CaptiveAire's Captrate® Combo Filters will fit into most existing hood systems that use standard 2" deep filters

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- ✔ **Light-weight**
  - ▶ Easy removal and cleaning by the kitchen staff

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- ✔ **Tough stainless steel construction**
  - ▶ Stands up to rough handling

## Captrate® Solo & Combo Filter Sizes

| Size<br>(h x w) | Dimensions<br>(h x w x d)  | Area<br>(sq. ft.) |
|-----------------|----------------------------|-------------------|
| 20 x 20         | 19 5/8" x 19 5/8" x 1 7/8" | 2.28              |
| 20 x 16         | 19 5/8" x 15 5/8" x 1 7/8" | 1.78              |
| 16 x 20         | 15 5/8" x 19 5/8" x 1 7/8" | 1.78              |
| 16 x 16         | 15 5/8" x 15 5/8" x 1 7/8" | 1.39              |

Grease-Stop Solo Filter is ETL Listed under file number 3064494-001 and complies with UL1046 Standard, NSF Standard #2, NFPA 96 and IMC

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