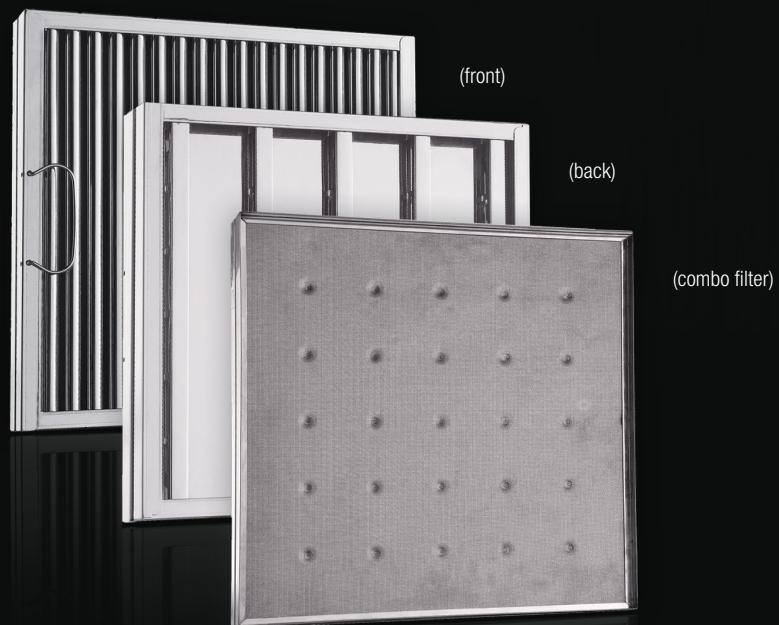


# The Most Effective

## Grease Extractors in Commercial Kitchen Ventilation

CaptiveAire's Captrate Filter line offers the most effective grease extractions in the commercial kitchen ventilation industry today. The Captrate Filter line, both Solo and Combo, can extract more than 90% of grease above seven microns in size. The improved grease extraction will help reduce grease build-up in the hood and duct plenum.



### captrate<sup>®</sup> solo

CaptiveAire's **Captrate<sup>®</sup> Solo** filter is a single-stage filter featuring a unique S-Baffle design in conjunction with a slotted rear baffle design. The filters are designed to capture and remove a high percentage of the total grease particulate emissions produced during commercial kitchen cooking operations.

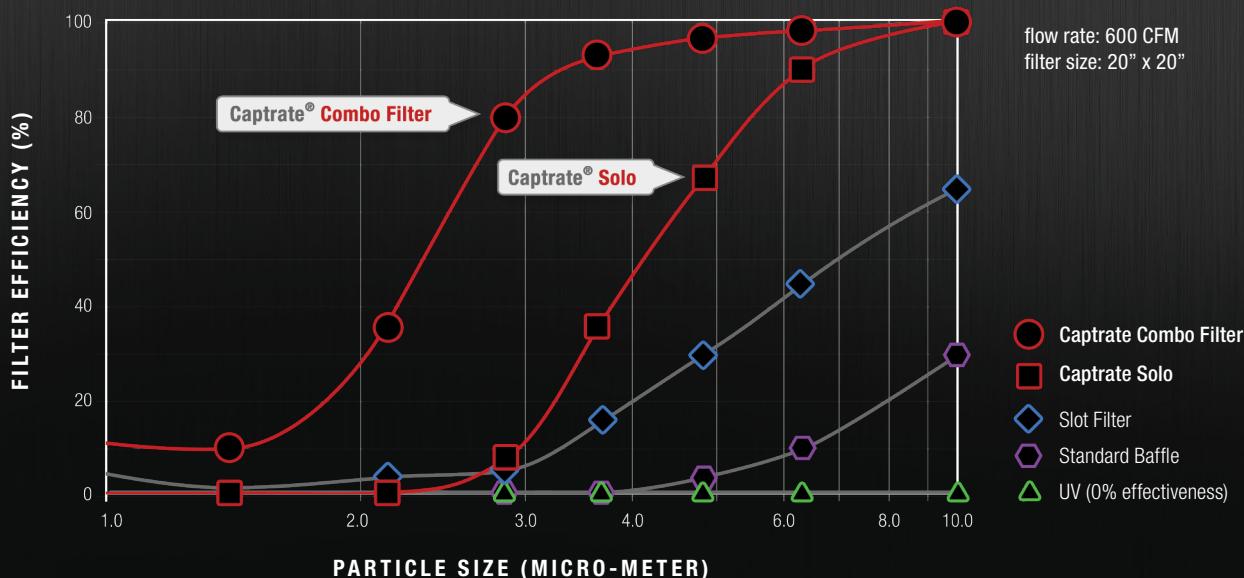
Benefits include reduced fire hazard and maintenance associated with grease build-up in hood plenums, duct work, fan assemblies, rooftops and adjacent surfaces when using Solo filters. The **Captrate<sup>®</sup> Solo** filter is constructed of 430 stainless steel and sized to fit into standard 2-inch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

### captrate<sup>®</sup> combo filters

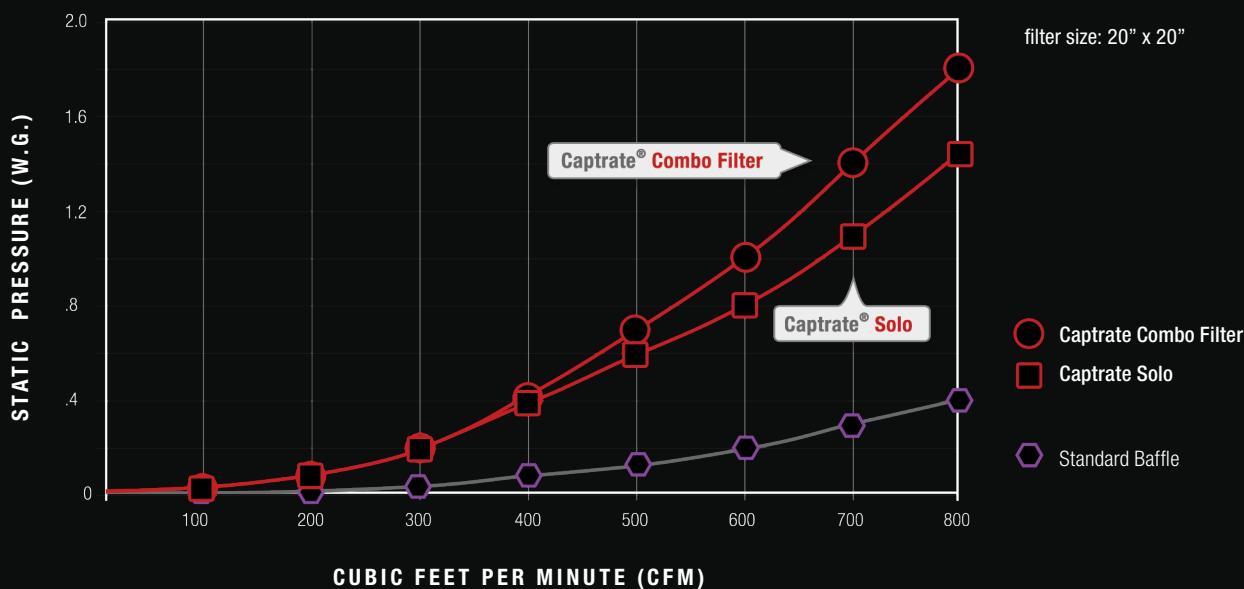
The **Captrate<sup>®</sup> Combo Filter** is the latest technology in multi-stage grease filtration and offers unparalleled grease extraction efficiency. The first stage consists of an optimized S-Baffle design to remove and drain larger grease particles. The second stage features a packed-bed of porous ceramic media.

The **Captrate<sup>®</sup> 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.

## Filter Collection Efficiency Comparison



## Grease Filter Static Pressure Comparison



## Captivating Performance

The **Captrate® Combo Filter** features a bed of porous ceramic beads to capture small grease particles as they are forced through the pathways of the bead bed. The grease is then pulled into the beads to prevent clogging, which results in a capture-and-store process. The media bed, along with the first stage baffle filter, confines more grease and reduces the quantity of grease throughout the plenum and duct system.

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.

