

## SS430 BAFFLE GREASE FILTER

MODEL BGF

### Introduction

An all-stainless kitchen canopy filter built from grade 430 stainless steel with a BA finish. Angled baffles are spot-welded into an integrated 430 stainless frame, with a continuous drain channel along the base and two folding wire bail handles for removal. There is no mesh, no filler and no separate frame material to corrode away from the baffles.

### Uses

Commercial kitchen canopy hoods: restaurants, hotel and banqueting kitchens, healthcare catering, food processing extraction hoods and contract catering. The filter sits in the hood track and takes the grease-laden plume before it reaches the exhaust ductwork, where the deposit would otherwise build as a fire load.



### Overview

|                |                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification  | UL Classified to UL 1046 and ULC-S649, File R39729, as to flammability after exposure to grease-laden air. cULus mark on each unit.                           |
| Specifications | Grade 430 stainless steel throughout, BA finish. 0,5 mm frame with 0,3 mm baffles, continuous drain channel, two folding wire bail handles.                   |
| Features       | Non-combustible. Grease drains to the canopy drip tray during service rather than loading up, so pressure drop stays steadier through a shift than with mesh. |
| Applications   | Commercial kitchen canopy hoods: restaurants, hotels, banqueting, healthcare catering, food processing and contract catering.                                 |

| Model             | Size in mm (W×H×D) | Frame / Baffle Gauge | Finish | Handles     | Filter Material                      | Net Weight | Carton Size | Pcs Per Carton |
|-------------------|--------------------|----------------------|--------|-------------|--------------------------------------|------------|-------------|----------------|
| BGF-595X595-SS430 | 595x595x48         | 0,5mm / 0,3mm        | BA     | 2 wire bail | Grade 430 stainless steel throughout | 3,05kg     | 605x315x620 | 6              |
| BGF-495X495-SS430 | 495x495x48         | 0,5mm / 0,3mm        | BA     | 2 wire bail |                                      | 2,24kg     | 510x315x515 | 6              |

**Certification:** cULus covers the United States (UL 1046) and Canada (ULC-S649). UL 1046 is the grease-filter standard referenced by NFPA 96, which does not permit stand-alone mesh filters. This is a Classification, not a Listing.

**Material:** grade 430 is a ferritic stainless steel, so it is magnetic, which is normal for kitchen baffle filters. The supplier's mill certificate is issued to EN 10204-3.1 for grade 10Cr17 (AISI 430), BA finish. Dimensions and weights are measured on the current production batch, to within 2 mm of nominal. Other sizes are made to order.

**Maintenance:** commercial dishwasher on any cycle, or a hot degreaser soak of 15 to 30 minutes, then rinse and dry fully. Weekly to fortnightly is typical. No abrasive scourers on the polished face. Empty the drip tray each shift. Specifications are subject to change without notice.

UL 1046

ULC-S649

AISI 430