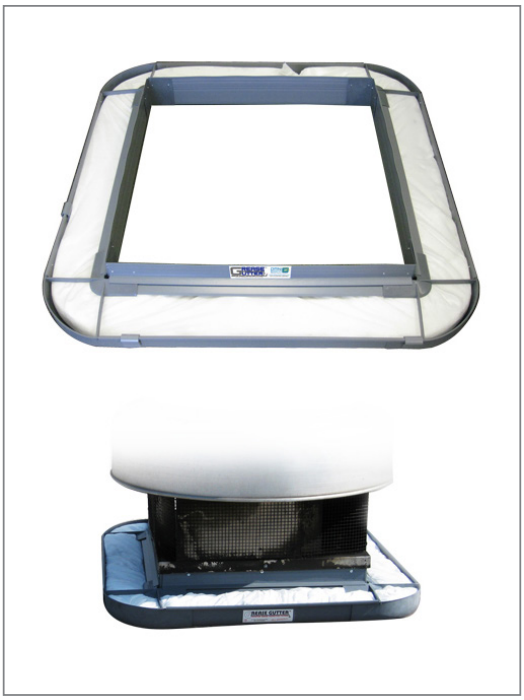
Omni Containment Systems, LLC



Grease Gutter High Capacity

Grease Gutter SideKick

1. Product Name

- Grease Gutter High Capacity
- Grease Gutter SideKick

22. Manufacturer

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3. Product Description

Basic Use

The patented Grease Gutter High Capacity and Grease Gutter SideKick Containment Systems are used in conjunction with rooftop fan ventilation systems to collect grease as it accumulates on and around the fan system during normal usage. They are intended to be installed on one side or multiple sides of the curb of an exhaust fan system. It has two variations:

- **The Grease Gutter High Capacity Containment System** is a 360 degree duct design for use in high grease discharge applications
- **The Grease Gutter SideKick Containment System** is a single-sided design for use in low to moderate grease discharge applications

Both systems are intended to replace the factory grease catch system provided during initial installation of a rooftop exhaust fan system and is essentially a gutter configuration with filter media (described in further detail below).

The Grease Gutter Filter is a patented hydrophobic grease collection media required to be inserted inside either Grease Gutter Containment System. It is designed to both collect and wick F.O.G.s while expelling water as it sits in the gutter assembly.

The sleeve of the filter is a flame-resistant and UV-resistant polyester material which allows grease and water to pass through to the absorbent component of the filter. This inner media of the filter is made of 100 percent recycled hydrophobic materials and biodegradable grease neutralizers which pass 99.99 percent of the water applied while collecting 99.99 percent of the F.O.G.s that it comes in contact with.

The Filter Media can absorb up to ten times its weight in F.O.G. and is effective for up to one year. See **this video.**

The Grease Gutter High Capacity Containment System provides 360 degree protection around the base of a rooftop exhaust fan and is a key component in an exhaust system being NFPA96 compliant; providing all other components of the system are compliant and correctly installed.

Composition and Materials

Both the Grease Gutter High Capacity and Grease Gutter SideKick Containment Systems are comprised of UV-resistant extruded PVC straight sections and injection molded UV-resistant polypropylene corners and corner flashings. Both use galvanized zinc fasteners.

The Grease Gutter Filter has an outer sleeve that is comprised of UV- and flame-resistant polyester skin. The interior of the filters contains a mixture of shredded polypropylene and polyethylene material with other proprietary F.O.G.-neutralizing additives.

Benefits

- The Grease Gutter High Capacity Containment System provides 360 degree protection around the base of rooftop exhaust fan units

SideKick Filter

High Capacity Filter

- The Grease Gutter High Capacity and Grease Gutter SideKick Containment Systems provide Off The Roof® protection that allows owners and preventative maintenance providers to visually see and easily clean under the unit without damage to the filter systems
- Both the Grease Gutter High Capacity and Grease Gutter SideKick Containment Systems are fire-resistant and assist an exhaust system in attaining NFPA 96 compliance; provided all other components of the system are compliant and correctly installed
- If properly maintained, both the Grease Gutter High Capacity and Grease Gutter SideKick Containment Systems help restaurants meet EPA Storm Water Management requirements by keeping F.O.G.s from contaminating rooftop runoff water before it enters the storm water system; check with your local AHJ for specific requirements, regulations, rules, and ordinances

Models

- **Grease Gutter High Capacity Containment System:** 360 degree grease containment system
- **Grease Gutter SideKick Containment System:** one-sided grease containment system

Dimensions (W × L × H, in inches)

Grease Gutter High Capacity: standard size fits a 36 inch square exhaust fan. Each side is 8 × 36 × 6 inches.

Grease Gutter SideKick: standard size is 8 × 24 × 6 inches.

Omni Containment Systems also manufactures custom-sizes to fit virtually any application. This includes one-, two-, or three-sided grease containment solutions.

Accessories

- **High Capacity Filters:** replaceable F.O.G.-absorbent filter for the Grease Gutter High Capacity system
- **SideKick Filter:** replaceable F.O.G.-absorbent filter for the Grease Gutter SideKick system

Product Limitations

- If the product cannot be installed to manufacturer specification as defined in the manufacturer's installation documents, the unit should not be utilized
- If the unit cannot maintained per the manufacturer specifications, the unit should not be installed
- In order to properly install, an exhaust fan must have at least six inches of curb height and a clearance around each applicable side of the curb of at least eight inches to allow for the width of the Grease Gutter

4. Technical Data

The Grease Gutter Containment Systems provide grease protection at the base of a rooftop exhaust fan. Because the patented filter neutralizes the F.O.G.s and converts it into a solid, the Containment System will not exceed one liquid gallon of grease, which is a requirement of NFPA 96. When the Containment System and Filter are used together and all other components of the system are compliant and correctly installed, the Grease Gutter and filter aid in a NFPA 96 compliant exhaust system.

5. Installation

Preparatory Work

- Measurement of duct and potential obstructions for proper product fit
- Make sure installation area is free of any F.O.G.s that are present
- Make sure there are no obstructions that will be in the way of the mounting area on the duct such as electric boxes, conduits, brackets, etc.; check to be sure that the power supply conduit is in good condition and has adequate length for the fan to be tilted

Methods

Install by following supplied instructions or watching website provided installation video using basic hand tools. Installation video **here.**

Precautions (Performance, Safety)

Eye protection, work gloves are necessary during installation and service of system.

Installation Instructions

1. Turn off power to fan (if needed). Degrease perimeter of duct where unit will be mounted. Measure all four sides of the duct and cut main trough lengths as shown in installation instructions.

Example: If dimension is 30 inches, cut trough to 29¾ inches. Follow this procedure for remaining three sides of duct.

Note: In some low setting ventilator applications it may be necessary to trim the rear flashing of the troughs and corners using the provided casting marks as guides, to reduce the overall height profile.

2. Apply a good coating of provided sealer on the back side of the Gutter where unit will make contact with duct. This seal between the system's flashing and the duct is very important for the purpose of preventing grease from seeping behind the system.
3. Position one of the lower corner pieces on the duct, making sure it is level and will not obstruct removal of fan for service, etc. Fasten the lower corner piece to the duct, as shown, using the supplied screws. For best results tuck gutter flashing up under the fan base if applicable. Slide the measured/cut section of the main trough into the receiving end of the mounted corner, stopping at the edge of the duct. When the trough is level, fasten it to the duct. Place a screw every two inches. Be sure to leave room on the open end for the next corner to slide on.
4. Install the next corner by sliding it behind the mounted trough. Fasten the corner the same way as in Step 3. Be sure to install an extra fastener through all the outer overlapped pieces.
5. Assemble the remaining two corners and three lengths to slide into the section that is already mounted to the duct (starting at the opposite end of the secured section will be the easiest). Complete the process by fastening the overlapped areas of the corners and troughs. Again, be sure to install an extra fastener to all overlapped pieces. There will be two fasteners per corner. These eight fasteners will add to the rigidity of the overall framework. For additional protection, once the unit is installed, you may caulk all gaps between gutter lengths and corners and drain holes on high discharge side of fan.

Delivery, Storage and Handling

Shipped via preferred shipping company directly from vendor. No shelf life. Shipped disassembled and boxed.

Packaging Waste Requirements

Proper disposal of contaminated absorbent pads from system recommended.

6. Availability and Cost

Availability

Standard sizes are always in stock. Please contact manufacturer for lead times on custom engineered models.

Cost

Please contact manufacturer regarding pricing.

7. Warranty

Grease Gutter is warranted for the life of the fan. Misuse and/or improper maintenance/installation voids warranty.

Omni Containment, Inc. will replace failed component(s) with new component(s) at the discretion of manufacturer.

8. Maintenance

Manufacturer recommends servicing system every 90 days or more frequently as determined by F.O.G. output. Heavily soiled filters should be changed by qualified service professional. Contact Manufacturer for names of professionals in your area.

9. Technical Services

Contact Omni Containment System at 847-468-1772 or email support@omnicontainment.com.

10. Filing Systems

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- Additional product information is available from the manufacturer upon request