

HGK SERIES

HEPA HOLDING FRAME FOR GASKETED HEPA FILTERS



Application: The HGK Series is a permanent HEPA Holding Frame designed to hold gasketed HEPA filters as part of a built-up filter bank on the jobsite or in OEM factory-produced air handling units. The frames accept HEPA filters with integral face gaskets.

Frames are usually joined with rivets or bolts and nuts. Filter banks may be constructed for upstream (air entering) service or downstream (air leaving) service. To facilitate ease of change-out for the technicians, allow 36 in. for upstream and downstream servicing. Proper seal is achieved by applying a maximum of 20 in. lbs. of torque to each filter with the use of 4 locking clamps, included with each frame. Pressure application should be uniform across the filter, tightening screws in alternating order. If this is done and all joints are carefully caulked, the frames will provide an excellent holding mechanism and leak-free seal for gasketed HEPA filters.

Construction: The HGK Frame is constructed of 16 gauge galvanized steel or stainless steel panels whose edges are deburred before final assembly for safe handling during installation. Welds are continuous, non-skip welds, to eliminate air bypass and entrapment of contaminants. Corners are mitered and welded in a precision jig to assure squareness and a solid filter fit. All welds are ground smooth and coated with a zinc-rich compound.

Factory-punched .250 in. diameter holes on the top and one side are to be used to join frames at the jobsite, and .250 in. diameter holes x .375 in. elongated holes are punched on the bottom and other side to assist the installation process. The filter is positioned properly in the frame by filter-centering ridges welded to the inside of the frame on the bottom and both sides. This is important to allow the filter to be centered and mate exactly with the peripheral sealing flange. This ensures an airtight filter-to-frame seal.

Due to continuing research and development, we reserve the right to make modifications to any product.

AVAILABLE IN THREE ALLOYS

HGK-GLV

Galvanized Steel

HGK-304

304 Stainless Steel

HGK-316

316 Stainless Steel

PRODUCT HIGHLIGHTS

- Rigid 14 Gauge Material
- All-Welded seams
- Filter Centering Ridges
- 4 HEPA Locking Clamps Included

FAST FACTS

Minimum Order:

No Minimum Order Required

Sizing Options:

Standard and Special Sizes Available
(See reverse side for details.)

Classification:

UL Classified 900

MAX TEMP:

HGK-GLV – 375 Degrees F

HGK-304 – 900 Degrees F

HGK-316 – 900 Degrees F

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MODEL									
CONSTRUCTION	HGK-GLV			HGK-304			HGK-316		
Frame Alloy	14 gauge galvanized steel			14 gauge 304 stainless steel			14 gauge 316 stainless steel		
HEPA Locking Screw Alloy	16 gauge galvanized steel			16 gauge 304 stainless steel			16 gauge 316 stainless steel		
Available Frame Depth	3-3/4" Exact, 8" Exact			3-3/4" Exact, 8" Exact			3-3/4" Exact, 8" Exact		
APPLICATION									
Application	Built-up filter bank			Built-up filter bank			Built-up filter bank		
Max Operating Temperature	375°			900°			900°		
STANDARD SIZES									
Actual Dimensions (H x W x T)	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight
12 x 24 x 8	HGK1224N-GLV	1	18.0	HGK1224N-304	1	18.0	HGK1224N-316	1	18.0
24 x 12 x 8	HGK2412N-GLV	1	18.0	HGK2412N-304	1	18.0	HGK2412N-316	1	18.0
24 x 24 x 8	HGK2424N-GLV	1	27.0	HGK2424N-304	1	27.0	HGK2424N-316	1	27.0
24 x 30 x 8	HGK2430N-GLV	1	29.0	HGK2430N-304	1	29.0	HGK2430N-316	1	29.0
12-5/8 x 24-5/8 x 8	HGK1224F-GLV	1	18.0	HGK1224F-304	1	18.0	HGK1224F-316	1	18.0
24-5/8 x 12-5/8 x 8	HGK2412F-GLV	1	18.0	HGK2412F-304	1	18.0	HGK2412F-316	1	18.0
24-5/8 x 24-5/8 x 8	HGK2424F-GLV	1	28.0	HGK2424F-304	1	28.0	HGK2424F-316	1	28.0
24-5/8 x 30-5/8 x 8	HGK2430F-GLV	1	30.0	HGK2430F-304	1	30.0	HGK2430F-316	1	30.0

