

# H9L SERIES ~ Frame Selection Chart

MODEL	H9LA			H9LG			H9LS		
<b>CONSTRUCTION</b>									
Frame Alloy	16 gauge aluminized steel			16 gauge galvanized steel			16 gauge 304 stainless steel		
Frame Thickness	2 <sup>5</sup> / <sub>8</sub> " and 3"			2 <sup>5</sup> / <sub>8</sub> " and 3"			2 <sup>5</sup> / <sub>8</sub> " and 3"		
Lance and Form Depth	1" and 2"			1" and 2"			1" and 2"		
Assembly Holes	Clearance for #10-32 fasteners			Clearance for #10-32 fasteners			Clearance for #10-32 fasteners		
<b>APPLICATION</b>									
Application	Built-up filter bank			Built-up filter bank			Built-up filter bank		
Filter Location	Upstream or downstream			Upstream or downstream			Upstream or downstream		
Fasteners	Wire-type and press-fit			Wire-type and press-fit			Wire-type and press-fit		
<b>STANDARD SIZE</b>									
Exact 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 2 <sup>5</sup> / <sub>8</sub>	H9LA201224	8	32.6	H9LG201224	8	33.7	H9LS201224	8	32.1
16 x 20 x 2 <sup>5</sup> / <sub>8</sub>	H9LA201620	4	17.5	H9LG201620	4	18.0	H9LS201620	4	17.2
16 x 25 x 2 <sup>5</sup> / <sub>8</sub>	H9LA201625	4	19.6	H9LG201625	4	20.1	H9LS201625	4	19.3
20 x 20 x 2 <sup>5</sup> / <sub>8</sub>	H9LA202020	4	19.1	H9LG202020	4	19.7	H9LS202020	4	18.8
20 x 24 x 2 <sup>5</sup> / <sub>8</sub>	H9LA202024	4	20.9	H9LG202024	4	21.5	H9LS202024	4	20.5
20 x 25 x 2 <sup>5</sup> / <sub>8</sub>	H9LA202025	4	21.3	H9LG202025	4	21.9	H9LS202025	4	20.9
24 x 24 x 2 <sup>5</sup> / <sub>8</sub>	H9LA202424	4	22.5	H9LG202424	4	23.2	H9LS202424	4	22.1
12 x 24 x 3	H9LA301224	8	36.1	H9LG301224	8	37.3	H9LS301224	8	35.5
16 x 20 x 3	H9LA301620	4	19.2	H9LG301620	4	19.8	H9LS301620	4	18.9
16 x 25 x 3	H9LA301625	4	21.5	H9LG301625	4	22.2	H9LS301625	4	21.2
20 x 20 x 3	H9LA302020	4	21.1	H9LG302020	4	21.7	H9LS302020	4	20.7
20 x 24 x 3	H9LA302024	4	23.0	H9LG302024	4	23.7	H9LS302024	4	22.6
20 x 25 x 3	H9LA302025	4	23.4	H9LG302025	4	24.1	H9LS302025	4	23.0
24 x 24 x 3	H9LA302424	4	24.9	H9LG302424	4	25.6	H9LS302424	4	24.4

## H9L SERIES NOTES

### SIZING INFORMATION

- Seven standard exact size frames are available in a 2<sup>5</sup>/<sub>8</sub>" and 3" exact depth and will accommodate any manufacturers' standard size filter.
- Special size frames are made to exact height and width dimensions as specified and are available in a depth of 2<sup>5</sup>/<sub>8</sub>" and 3" exact.  
*Link: [www.amfco.com/linksh9/howto/specialsizes](http://www.amfco.com/linksh9/howto/specialsizes)*
- Tolerance height and width: ± 1/8"
- Tolerance thickness: ± 1/32"

### CLASSIFICATION AND TEST NOTES

- The H9L Series frame is listed as UL 900 Class 1.

### FILTER CLEANING AND COATING

- Clean the frame with isopropyl alcohol.

### OPTIONS

- Alloy: The H9L Series frame can be manufactured from an alternate metal alloy to meet your specific application requirements.
- Fasteners: The H9L Series frame is manufactured for use with wire-type and press-fit fasteners on both the upstream and downstream sides of the frame. Refer to the Fastener Tech Sheet for more information.
- Gaskets: The H9L Series frame can be supplied with a closed cell PVC foam gasket. Specify "with gasket" when ordering.

### INSTALLATION CONSIDERATIONS

The following notes represent a basic summary of the installation considerations. Refer to the H9 Series Installation Tech Bulletin for comprehensive installation instructions.

*Link: [www.amfco.com/install/H9Series](http://www.amfco.com/install/H9Series)*

- Install an unlimited number of frames horizontally.
- Install a maximum of eight frames vertically.
- Assemble frames using #10-32 screw and nuts.
- Install stiffener bars between every other column on installations equal to or greater than three frames wide by four frames high.
- Install 2" flashing around the perimeter of the completed filter bank.
- Apply caulking.

### ADDITIONAL INFORMATION

- A submittal drawing for the H9 Series Filter Holding Frame with Lance and Form is available.  
*Link: [www.amfco.com/blueprint/H9L](http://www.amfco.com/blueprint/H9L)*



**GASKET AND CORNER CLIP**