

PRODUCT DATA
SAFE-LINE™
SERIES LHF
PD-SLLHF-03A
JANUARY 2003

**FILTER
RETAINING
EQUIPMENT**

SAFE-LINE™
SERIES LHF
**UNIVERSAL "L" TYPE
FILTER HOLDING FRAME**

Description



The SAFE-LINE™ Series LHF — Universal "L" Type Filter Holding Frame is a very effective system for built-up or custom air handling unit applications. Frames are fabricated from 16 gauge aluminized steel and come supplied with specified filter retaining spring clips and filter sealing gasket. Filter frame banks require front access to service air filters. A wide range of applications are offered by the selection of air filter type and filter retaining spring clips. System efficiencies can range from 30% to 95% by current ASHRAE standards. LHF Holding Frames are supplied with pre-punched mounting holes for easy bank assembly.

Construction

HOLDING FRAME CONSTRUCTION

LHF Holding Frames are constructed of 16 gauge aluminized steel and will provide a rigid air filtration system once joined together. They are made for front access servicing of air filters.

PRE-PUNCHED ALIGNMENT AND MOUNTING HOLES

LHF Holding Frames are provided with a pre-punched pattern of frame alignment and mounting holes for easy filter frame bank assembly. Mounting hardware is field supplied.

WIDE SELECTION OF STANDARD SIZES

LHF Holding Frames are available in (6) standard face sizes. Frame dimensions are actual dimensions shown. Please consult representative or factory for system recommendations.

WIDE SELECTION OF RETAINING SPRING CLIPS

LHF Holding Frames can be supplied with a wide range of filter retaining spring clips, depending on air filter type and system application. Knock-on type clips effectively retain air filters.

SPECIAL FRAME CONSTRUCTION

LHF Holding Frames can be fabricated from stainless steel. Frames with epoxy coated protection are also available. Aluminum frames are available for corrosive applications.

FILTER SEALING GASKET

LHF Holding Frames are supplied with a neoprene sealing gasket to seal air filters and prevent any air bypass. Special gaskets for high temperature applications are available.

Dimensional Data

MODEL NUMBER	DIMENSIONS (W x H x D)
SLLHF31224***	12 x 24 x 2 7/8
SLLHF31620***	16 x 20 x 2 7/8
SLLHF31625***	16 x 25 x 2 7/8
SLLHF32020***	20 x 20 x 2 7/8
SLLHF32025***	20 x 25 x 2 7/8
SLLHF32424***	24 x 24 x 2 7/8

4 TYPES (*) OF LHF FRAMES**

SAFE-LINE™ Series LHF Filter Holding Frames are available in 4 types:

- TYPE NCG -** Frames are supplied with no filter spring clips or gasket, frame only.
- TYPE GNC -** Frames are supplied with gasket, but no filter spring clips.
- TYPE CO* -** Frames are supplied with filter spring clips only, no gasket. Complete model number key for clip size and quantity.
- TYPE CG* -** Frames are supplied with filter spring clips and gasket. Complete model number key for clip size and quantity.

TYPICAL FILTER SPRING CLIP ARRANGEMENTS AND MODEL NUMBER KEY EXTENSIONS (A to T*)
For TYPE CO* and TYPE CG* LHF Frames

	A	B	C	D	E	F	G	H	J*	L*	N*	P*	R*	T*
CLIP QTY.	(2)	(4)	(2)	(4)	(2)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
CLIP SIZE	1"	1"	2"	2"	3"	3"	4"	4"	5"	6"	6"-1/4"	6"-7/8"	12"-1/4"	12"-7/8"

1. *** Insert model number extension for frame type and clip arrangement.
2. For applications requiring extensions J through T, (4) filter retaining spring clips are recommended to best retain air filter.
3. Model extensions denote: J-SLFSC005 (5"), L-SLFSC006 (6") Wire Formed Clips, N-SLFSC06Q (6"-1/4" Leg), P-SLFSC06S (6"-7/8" Leg), R-SLFSC12Q (12"-1/4" Leg), T-SLFSC12S (12"-7/8" Leg) Coil Spring Clips.
4. Please see SAFE-LINE™ Series FSC for further spring clip information.

MODEL NUMBER KEY
SLLHF32424CGC

Insert model number extension to complete model number.

- SL-** SAFE-LINE™
- LHF-** L Type Holding Frame
- 3-** Unit Depth
- 24-** Unit Width
- 24-** Unit Height
- CGC-** (2) 2" Clips and Gasket.

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We reserve the right to make changes in product design and product specifications without prior notice or obligation.



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