

**PRODUCT
DATA**
SAFE-LINE™
SERIES HDL
PD-SLHDL-03A
JANUARY 2003

**FILTER
RETAINING
EQUIPMENT**

SAFE-LINE™
SERIES HDL
**HEAVY DUTY "L" TYPE
FILTER HOLDING FRAME**

Description



The SAFE-LINE™ Series HDL — Heavy Duty "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 galvanized steel and come supplied with specified filter retaining spring clips and filter sealing gasket. HDL Frames have a roll formed edge for added strength and pre-punched mounting holes for easy assembly. 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 vary from 30% to 95% by ASHRAE standards.

Construction

HOLDING FRAME CONSTRUCTION

HDL Holding Frames are made of 16 gauge galvanized steel and will provide a rigid air filtration system once joined together. Frames are designed for front access servicing of air filters.

PRE-PUNCHED ALIGNMENT AND MOUNTING HOLES

HDL 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.

ROLL FORMED EDGE FOR ADDED STRENGTH

HDL Holding Frames are fabricated with a roll formed edge that provides extra rigidity compared to standard folded holding frames and may need additional supports on larger frame banks.

WIDE SELECTION OF STANDARD SIZES

HDL 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

HDL 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.

FILTER SEALING GASKET

HDL 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)
SLHDL21224***	12 x 24 x 1 7/8
SLHDL21620***	16 x 20 x 1 7/8
SLHDL21625***	16 x 25 x 1 7/8
SLHDL22020***	20 x 20 x 1 7/8
SLHDL22025***	20 x 25 x 1 7/8
SLHDL22424***	24 x 24 x 1 7/8

4 TYPES (***) OF HDL FRAMES

SAFE-LINE™ Series HDL 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* HDL 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"

- *** Insert model number extension for frame type and clip arrangement.
- For applications requiring extensions J through T, (4) filter retaining spring clips are recommended to best retain air filter.
- 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.
- Please see SAFE-LINE™ Series FSC for further spring clip information.

MODEL NUMBER KEY SLHDL21224CGD

*Insert model number extension
to complete model number.*

SL- SAFE-LINE™
HDL- HD L Type Holding Frame
2- Unit Depth
12- Unit Width
24- Unit Height
CGD- (4) 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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