

**PRODUCT DATA**  
**SAFE-LINE™**  
**SERIES DSF**  
**PD-SLDSF-03A**  
**JANUARY 2003**

**FILTER RETAINING EQUIPMENT**

**SAFE-LINE™**  
**SERIES DSF**  
**DUAL STAGE**  
**FILTER HOLDING FRAME**

**Description**



The SAFE-LINE™ Series DSF — Dual Stage Filter Holding Frame is a very effective system for built-up or custom air handling unit applications. DSF Frames are fabricated from 16 gauge galvanized steel and come supplied with specified filter retaining spring clips and filter sealing gasket. DSF Frames allow prefilters to be secured and serviced separately from the final filters. Filter frame banks require front and rear access to service air filters. A wide range of applications are offered by the selection of air filter type and filter retaining spring clips. ASHRAE efficiencies range from 30 to 95%. DSF Frames are supplied with pre-punched mounting holes for easy bank assembly.

**Construction**

**HOLDING FRAME CONSTRUCTION**

DSF Holding Frames are constructed of 16 gauge galvanized steel. Frames are roll formed and are designed to independently hold prefilters and final filters. Frames have mitered corners.

**PRE-PUNCHED ALIGNMENT AND MOUNTING HOLES**

DSF 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.

**INDEPENDENT SERVICING OF AIR FILTERS**

DSF Holding Frames will allow independent servicing of the prefilters (without disturbing the seal of the final filter) and final filters. Each filter type has its own filter retaining clips.

**UPSTREAM AND DOWNSTREAM ACCESS**

DSF Holding Frames require upstream and downstream access to the filter bank. Prefilters are normally installed on the upstream side and final filters are normally installed downstream.

**WIDE SELECTION OF RETAINING SPRING CLIPS**

DSF 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**

DSF 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**

**DUAL STAGE FILTER HOLDING FRAMES**

MODEL NUMBER	NOMINAL	ACTUAL
SLDSF1224*****	12 x 24	12 x 24 x 3
SLDSF2424*****	24 x 24	24 x 24 x 3

\*\*\*\*\* Insert Model Number Key Extension for Configuration:  
 First three \*\*\* are for: **UPSTREAM** Gasket and Spring Clips.  
 Last three \*\*\* are for: **DOWNSTREAM** Gasket and Spring Clips.

**UPSTREAM SIDE OF DSF FRAME: CONFIGURATION INFORMATION**

MODEL NO. EXTENSION	DESCRIPTION
<b>UGA</b>	Upstream Gasket with (2) SLFSC002 2" Filter Retaining Spring Clips
<b>UGB</b>	Upstream Gasket with (4) SLFSC002 2" Filter Retaining Spring Clips
<b>UGC</b>	Upstream Gasket with (2) SLFSC004 4" Filter Retaining Spring Clips
<b>UGD</b>	Upstream Gasket with (4) SLFSC004 4" Filter Retaining Spring Clips

**DOWNSTREAM SIDE OF DSF FRAME: CONFIGURATION INFORMATION**

MODEL NO. EXTENSION	DESCRIPTION
<b>DGA</b>	Downstream Gasket with (4) SLFSC001 1" Filter Retaining Spring Clips
<b>DGB</b>	Downstream Gasket with (4) SLFSC06Q 6"-1/4" Leg Filter Retaining Spring Clips
<b>DGC</b>	Downstream Gasket with (4) SLFSC06S 6"-7/8" Leg Filter Retaining Spring Clips
<b>DGD</b>	Downstream Gasket with (4) SLFSC12Q 12"-1/4" Leg Filter Retaining Spring Clips
<b>DGE</b>	Downstream Gasket with (4) SLFSC12S 12"-7/8" Leg Filter Retaining Spring Clips

**MODEL NUMBER KEY**  
 SLDSF2424UGBDGE

*Insert model number extension to complete model number.*

- SL-** SAFE-LINE™
- DSF-** Dual Stage Holding Frame
- 24-** Unit Width
- 24-** Unit Height
- UGB-** Upstream Gasket/Spring Clip Option B - (4) SLFSC002 ( 2" ) Clips
- DGE-** Downstream Gasket/Spring Clip Option E - (4) SLFSC12S (12" - 7/8" Leg) Clips

**Note:** SAFE-LINE™ Series DSF Dual Stage Filter Holding Frame depth is 3". Other Spring Clip configurations are available, please consult factory.

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

**BLC INDUSTRIES INC.**  
*Breathe Easy, We Have The Line On Air Filtration.*