SAFE-LINE™
SERIES **CA99**
SPECIAL FILTER HOLDING MODULE
FOR CRUCIAL ASHRAE APPLICATIONS
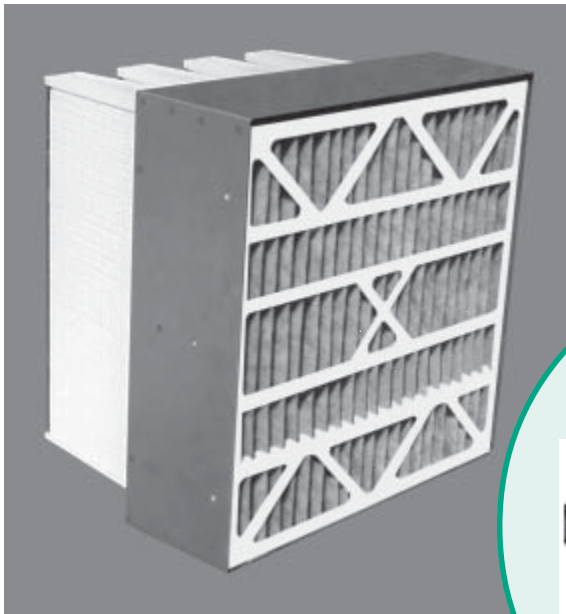
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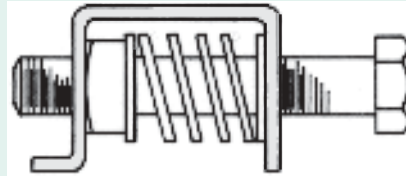
Variable Pressure Spring Lock Bolt

BLC's SAFE-LINE Series CA99 is an advanced design Special Filter Holding Module that provides vision, value, versatility and integrity for Crucial ASHRAE Applications. Front Access, the CA99 Filter Holding Modules are utilized in several applications where Side Access is either restricted or not preferred. The CA99 can function as a single unit or can be built up in banks, modular style. This 1, 2 or 3 stage module is engineered specifically for utilization in AHU make-up air units and in processes involving paint collection.

Special CA99 Filter Holding Modules can also be fabricated for many custom applications. Variable pressure Locking Mechanisms provide absolute security while accommodating final filter depths of 1", 2" or 4" (*without any retrofit whatsoever!*) Standard 2" or 4" prefilters readily fit into the module's rugged 4", 6" or 8" depth. Solid welded corners and a unique, precision formed vision also allow a lot of versatility in the choice of filters used.

Construction

Constructed of 16 gauge aluminized steel, BLC's CA99 Modules are solidly welded to prevent any air bypass. This stops any air leakage through module joints and provides an economical and quality product that matches the integrity of the ASHRAE Filter. CA99 Modules are supplied with internal locating spacers that properly align the ASHRAE Filter(s) inside the module. Supplied with 7/32" pre-punched mounting holes, the CA99 Modules can be banked for easy assembly.

Four (4) Heavy Duty Spring Bolts that are inserted into locking slots apply even pressure and seal the downstream gasket of the ASHRAE Filter against the Holding Module. Fabricated and assembled from Zinc Plated Steel, the Spring

Bolts allow a greater degree of compression (600 ft. lbs. of positive pressure per ASHRAE Filter) and control than any other type of bolts, making the CA99 the best precision Sealing Frame in the industry. Its 16 gauge aluminized steel construction supplies the rigidity to allow efficient assembly into frame banks. Additionally, the CA99 Modules are supplied with a downstream reinforcement flange for even greater structural support. This rigid support, combined with the aluminized steel's superior corrosion and heat resistance, results in extended product life and improves its quality appearance. Aluminized steel conforms to ASTM Specification A463 and is used for such applications as space heaters, mufflers and incinerators which are subjected to extremely corrosive conditions.

CA99 = VERSATILITY + INTEGRITY

COUNTLESS APPLICATION POSSIBILITIES	COMBINE ANY 1", 2" OR 4" PREFILTER(S) WITH ANY 1", 2" OR 4" FINAL FILTER		

EXAMPLES	1-STAGE	2-STAGE COMBINATIONS		3-STAGE
HVAC FILTRATION APPLICATIONS	Bag Filter (1" Header-Type)	2" Pleated Prefilter **+ Bag Filter**	4" Disposable Prefilter **+ Cartridge Filter**	2" Pleated + 2" Metal **+ Bag Filter**
	12" Rigid Cell Filter (1" Header-Type)	2" Pleated Prefilter **+ 12" Rigid Cell Filter**	4" Pleated Prefilter **+ 12" Rigid Cell Filter**	2" MSF + 2" Pleated **+ 12" Cartridge Filter**
	12" Extended Surface Rigid (ESR) Cell Filter	4" Pleated Prefilter **+ 12" ESR Cell Filter**	4" Compact Rigid Cell **+ 12" ESR Cell Filter**	2" MSF + 2" Pleated **+ 12" Rigid Cell Filter**
PAINT COLLECTION APPLICATIONS	Bag Filter (1" Header-Type)	2" Disposable **+ Bag Filter**	2" Poly Ring Panel **+ 4" Paint Arrestor Pad**	2" Poly Ring Panel + 2" Pleated **+ 12" ESR Cell**
	Cartridge Filter (1" Header-Type)	2" Paint Arrestor Pad **+ 4" Pleated Filter**	2" Paint Arrestor Pad **+ 12" Rigid Cell Filter**	2" Paint Ar. Pad + 2" Paint Ar. Pad **+ Bag Filter**
OTHER APPLICATIONS	4" Moisture Separator Cell	4" Pleated Prefilter **+ 4" Carbon Tray**	4" Compact Rigid Cell **+ 4" HEPA Box Filter**	2" Poly Ring Panel + 2" Pleated **+ 2" Carbon Tray**

Dimensional Data

3 AVAILABLE DEPTHS FOR SLCA99 SPECIAL FILTER HOLDING MODULES: 4", 6" and 8"

MODEL NUMBER	NOMINAL SIZE	ACTUAL DIMENSIONS	FILTER(s) SIZE
SLCA9941224	12 x 24 x 4	12 x 24 x 3 7/8	11 3/8 x 23 3/8
SLCA9942424	24 x 24 x 4	24 x 24 x 3 7/8	23 3/8 x 23 3/8
SLCA9961224	12 x 24 x 6	12 x 24 x 5 7/8	11 3/8 x 23 3/8
SLCA9962424	24 x 24 x 6	24 x 24 x 5 7/8	23 3/8 x 23 3/8
SLCA9981224	12 x 24 x 8	12 x 24 x 7 7/8	11 3/8 x 23 3/8
SLCA9982424	24 x 24 x 8	24 x 24 x 7 7/8	23 3/8 x 23 3/8

1. Models are supplied with four (4) Variable Pressure Spring Bolts to secure ASHRAE Filter.

2. Please see FILTER-LINE™ Series information for ASHRAE Filter specifications.

MODEL NUMBER KEY
SLCA99**82424**

Insert model number extension to complete model number.

SL-	SAFE-LINE™	**8-**	Unit Depth
CA-	Crucial Applications	**24-**	Unit Width
99-	99.99% Vision Design	**24-**	Unit Height