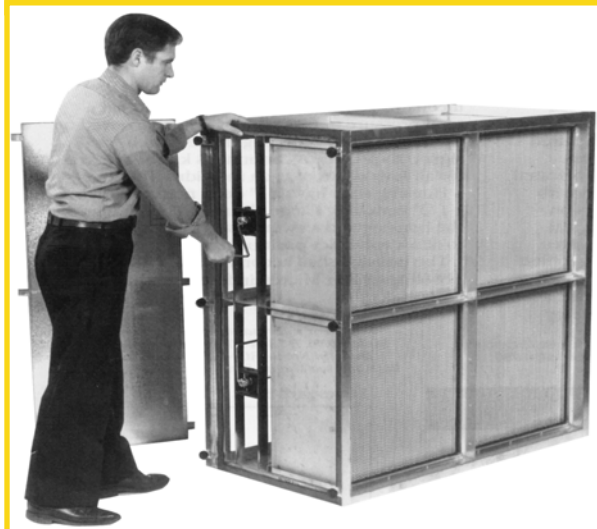


sidelock

Crank-Type HEPA/ULPA Filter Housing



Side-access housing with high level crank-type sealing integrity for HEPA/ULPA application



Crank action ensures that system efficiency will be equal to the filter's efficiency.

The Camfil Farr Sidelock housing offers crank-type sealing integrity to ensure that all of the air moving through the housing will be treated by the air filters. Each Camfil Farr Sidelock housing includes:

- 14-gauge galvanized steel construction with mounting flanges to mate to existing HVAC equipment. All components are weatherproof for interior or exterior installation.
- Removable dual-access doors for filter service from either side of the unit. The doors are engineered to be square to the housing flange and include high-memory type gasketing to eliminate housing/ambient leakage. UV resistant sealing knobs ensure a tight seal each time the access doors are removed for filter service.
- A spring-loaded crank-type filter sealing mechanism that is capable of exerting over 600 pounds of sealing pressure against each filter to ensure a leak-free seal. Each horizontal row of filters has its own sealing mechanism.
- A knife-edge filter-to-hardware sealing edge to ensure proper gasket compression and uniformity around the sealing periphery.
- A 2" nominal size prefilter track. A swing-away filter retainer ensures proper prefilter positioning.

The Sidelock housing has an in-line depth of only 25" to conserve valuable space for processes or other HVAC components. It only requires 30" of side clearance for easy slide-in slide -out filter change.



Camfil Farr	Product sheet
Sidelock®	2415 - 0606
Camfil Farr—clean air solutions	

PERFORMANCE DATA

SIDELOCK

Filter Sizes	Model	Filter Qty	Sidelock Dimensions (inches)			Sidelock Capacity			Shipping Weight (lbs.)
			H	W	D	Absolute X Series	High Capacity		
							@ 1.0" w.g.	@ 1.35" w.g.	
24" x 24" x 11 1/2"	SAD-20-20-242412	1	27.25	27.00	25	1180	1500	2000	160
	SAD-20-40-242412	2	27.25	51.0	25	2360	3000	4000	240
	SAD-20-60-242412	3	27.25	75.00	25	3540	4500	6000	340
	SAD-20-80-242412	4	27.25	99.00	25	4720	6000	8000	410
	SAD-20-100-242412	5	27.25	123.00	25	5900	7500	10000	500
	SAD-40-20-242412	2	51.56	27.00	25	2360	3000	4000	225
	SAD-40-40-242412	4	51.56	51.0	25	4720	6000	8000	300
	SAD-40-60-242412	6	51.56	75.00	25	7080	9000	12000	420
	SAD-40-80-242412	8	51.56	99.00	25	9440	12000	16000	500
	SAD-40-100-242412	10	51.56	123.00	25	11800	15000	20000	680
	SAD-60-20-242412	3	75.87	27.00	25	3540	4500	6000	390
	SAD-60-40-242412	6	75.87	51.0	25	7080	9000	12000	480
	SAD-60-60-242412	9	75.87	75.00	25	10620	13500	18000	560
	SAD-60-80-242412	12	75.87	99.00	25	14160	18000	24000	640
	SAD-60-100-242412	15	75.87	123.00	25	17700	22500	30000	720
23 3/8" x 23 3/8" x 11 1/2"	SAD-20-20-232312	1	26.68	26.37	25	1110	1410	1890	160
	SAD-20-40-232312	2	26.68	49.75	25	2220	2820	3780	240
	SAD-20-60-232312	3	26.68	73.12	25	3330	4230	5670	340
	SAD-20-80-232312	4	26.68	96.50	25	4440	5640	7560	410
	SAD-20-100-232312	5	26.68	119.87	25	5550	7050	9450	500
	SAD-40-20-232312	2	50.37	26.37	25	2220	2820	3780	225
	SAD-40-40-232312	4	50.37	49.75	25	4440	5640	7560	300
	SAD-40-60-232312	6	50.37	73.12	25	6660	8460	11340	420
	SAD-40-80-232312	8	50.37	96.50	25	8880	11280	15120	500
	SAD-40-100-232312	10	50.37	119.87	25	11100	14100	18900	680
	SAD-60-20-232312	3	74.06	26.37	25	3330	4230	5670	390
	SAD-60-40-232312	6	74.06	49.75	25	6660	8460	11340	480
	SAD-60-60-232312	9	74.06	73.12	25	9990	12690	17010	560
	SAD-60-80-232312	12	74.06	96.50	25	13320	16920	22680	640
	SAD-60-100-232312	15	74.06	119.87	25	16650	21150	28350	720
24" x 12" x 11-1/2"	SAD-20-10-241212	1	27.25	15.00	25	540	680	900	130
24" x 18" x 11-1/2"	SAD-20-16-241812	1	27.25	21.00	25	860	1090	1460	140
24" x 30" x 11-1/2"	SAD-20-26-243012	1	27.25	33.00	25	1500	1900	2540	180

DATA NOTES:

Airflow rated at 500 fpm, may be operated to 625 fpm.
 Standard housing operational to ± 8.0" w.g., maximum continuous temperature 200° F (93° C).
 Contact your Camfil Farr representative for shipping and installed housing weight.

Available Options:

Stainless steel construction.
 High-temperature construction (400° F, 200° C).
 Double-wall with insulation.
 Transitions to standard HVAC equipment.
 Contact factory for more information.

SPECIFICATIONS

1.0 General

1.1 - Filter housing shall be two-stage filter system consisting of 14-gauge galvanized steel enclosure, spring-loaded crank-type sealing assembly for final filters, dual-access doors with gasketing and positive sealing doorknobs. In-line housing depth shall not exceed 25".

1.2 - Sizes shall be as noted on enclosed drawings or other supporting materials.

2.0 Construction

2.1 - The housing shall be constructed of 14-gauge galvanized steel with mating flanges to facilitate attachment to other system components. Steel angle supports shall ensure dimensional adherence. The housing shall be weatherproof and suitable for rooftop/outdoor installation.

2.2 - The housing shall incorporate the capability of two stages of filtration without modification to the housing. A prefilter track to accommodate nominal 2" deep prefilters, shall be an integral component of housing construction.

2.3 - The housing shall incorporate a spring-loaded crank-type final filter sealing mechanism. The mechanism shall be geared to exert 600 pounds of pressure against each filter. The clamping frame shall have a continuous knife-edge seal to compress all four gasket surfaces of the mounted filter.

2.4 - Dual access doors, removable type, shall include high-memory sponge neoprene gasket to facilitate a door-to-filter seal. Each door shall be equipped with adjustable and replaceable UV-resistant positive sealing knobs.

Camfil Farr has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.

Camfil Farr, Inc.

United States Tel: (973) 616-7300 Fax: (973) 616-7771
 Canada Tel: (450) 629-3030 Fax: (450) 662-6035
 E-mail: camfilfarr@camfilfarr.com

© Camfil Farr

<http://www.camfilfarr.info>
<http://www.camfilfarr.com>

