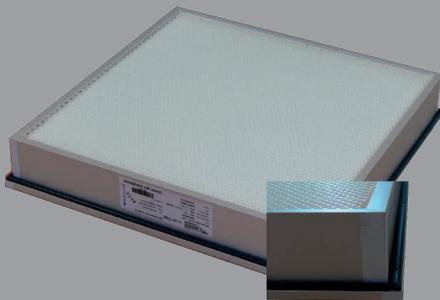




A room side replaceable ducted terminal filter housing offering high performance and ease of maintenance.



The Camfil Slimline Room Side Replaceable (RSR) is a HEPA filter terminal module designed for installation in critical air quality applications such as those found in laboratories, R&D facilities, healthcare, or food and beverage processing.

It is pleated using Camfil's Controlled Media Spacing technology, ensuring optimized filter element depth and pleat spacing resulting in minimized configuration losses and maintained low resistance to airflow.

The Slimline RSR offers:

- Room-side access for servicing and testing of filters, only the filter is replaced not the entire assembly. Replacement is fast and clean minimizing process down-time.
- Gel seal technology eliminating air bypass between the filter and the housing.
- A lightweight, low-profile design, that allows installation in a limited space. The frame is constructed of extruded aluminum profiles joined at the corners with Camfil's unique Klip-Lock mechanism to promote unit strength and integrity.
- An offset housing knife-edge that interfaces with the filter gel channel for a reliable leak-free seal.
- A chamfered receptacle along the room side opening that forms a flush, continuous mating surface that is free of gaps and architecturally pleasing.
- An adjustable room-side diffusion disc to promote uniform airflow across the entire filter and allow for air balancing.
- Stainless steel mounting hardware for life-long integrity.
- 10" or 12" ducted collar connections. The collars have an integral raised ridge to aid in securing flexible duct connection. Seismic tabs are standard.
- Efficiency selections of 99.95% H13, 99.995% H14, 99.9995% U15 or 99.99995% U16 in a variety of media types including ePTFE, based upon facility requirements. Microglass media filters include a protective face screen and a damper adjustment access port.



# Slimline RSR

Room Side Replaceable HEPA Filter Module

## Dimensions

Model	Dimensions (inches) W x L x H	Shipping Weight (lbs.)	Collar Diameter (inches)	Model	Dimensions (inches) W x L x H	Shipping Weight (lbs.)
1-½" T-Bar			10	2" T-Bar		
SL RSR 23.62-23.62-10	23.62 X 23.62 X 5.37	13		SL RSR 23.12-23.12-10	23.12 X 23.12 X 5.37	13
SL RSR 23.62-23.62-12	23.62 X 23.62 X 5.37	13	12	SL RSR 23.12-23.12-12	23.12 X 23.12 X 5.37	13
SL RSR 23.62-35.62-10	23.62 X 35.62 X 5.37	18	10	SL RSR 23.12-35.12-10	23.12 X 35.12 X 5.37	18
SL RSR 23.62-35.62-12	23.62 X 35.62 X 5.37	18	12	SL RSR 23.12-35.12-12	23.12 X 35.12 X 5.37	18
SL RSR 23.62-41.62-10	23.62 X 41.62 X 5.37	19	10	SL RSR 23.12-41.12-10	23.12 X 41.12 X 5.37	19
SL RSR 23.62-41.62-12	23.62 X 41.62 X 5.37	19	12	SL RSR 23.12-41.12-12	23.12 X 41.12 X 5.37	19
SL RSR 23.62-47.62-10	23.62 x 47.62 x 5.37	20	10	SL RSR 23.12-47.12-10	23.12 x 47.12 x 5.37	20
SL RSR 23.62-47.62-12	23.62 x 47.62 x 5.37	20	12	SL RSR 23.12-47.12-12	23.12 x 47.12 x 5.37	20

DATA NOTES:  
Add 2" for duct connection collar.  
Please contact factory for additional options and configurations.

## Common Filter Selections

Size	Model Description	Dimensions			Metric Dimensions W x L x H	Screen Material	Initial Resistance (@ 100 fpm)	Weight (lbs.)
		Width (inches)	Length (inches)	Height (inches)				
99.99% efficient 53mm Megalam with micro glass fiber media (Type C)								
2x2	P5-20.75-20.75-4-32-VU-7D-12-0	20.75	20.75	3.50	527x527x89	Stainless Steel	0.45"	13.4
2x2	P5-20.75-20.75-4-32-VU-1D-12-0	20.75	20.75	3.50	527x527x89	White Powder Coated Expanded Steel	0.45"	12.4
2x4	P5-20.75-44.75-4-32-VU-7D-12-0	20.75	44.75	3.50	527x1137x89	Stainless Steel	0.45"	22.0
2x4	P5-20.75-44.75-4-32-VU-1D-12-0	20.75	44.75	3.50	527x1137x89	White Powder Coated Expanded Steel	0.45"	20.0

## Camfil Slimline RSR Specification

### 1.0 General

**1.1** - Filter housing shall include anodized aluminum module, offset filter knife-edge for gel seal filter mating, stainless steel mounting hardware and adjustable air diffusion disc.

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

### 2.0 Construction

**2.1** - Primary housing components shall be constructed of anodized aluminum framing material, aluminum back plate and aluminum diffusion disk. Unit shall be designed for installation into T-Bar ceiling grid or a gypsum/plaster ceiling.

**2.2** - The housing shall include a chamfered detail along the room side opening to receive a mating flange along the downstream side of the filter. The mating surface shall form a continuous flush fit free of gaps.

**2.3** - The housing shall include an offset knife-edge to interface with a gel seal filter.

**2.4** - Stainless steel mounting hardware shall facilitate convenient servicing of the module from the room side of the housing.

**2.5** - The housing shall include an integral diffusion disc that allows filter-to-filter balancing from room side of module without removal of the filter.

**2.6** - Housing shall be supplied with a ("10", "12")\* collar for duct connection to air system. The collar shall include an integral continuous raised ridge to assist in securing flexible duct.

\* Items in parentheses ( ) require selection

For detailed specifications, consult your local Camfil Distributor, Representative, or [Slimline RSR](#). Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.



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