

slimline rsr

Room Side Replaceable HEPA Filter Module



A room side replaceable ducted terminal filter housing offering high



Replacement filter elements (supplied separately) have gel seal channel for leak free sealing integrity. A chamfered flange along the room side creates an architecturally pleasing flush appearance from the room side of the module.

The Camfil Farr Slimline RSR offers leak-free performance in a compact room side replaceable module. Designed to be installed in either 1 1/2" or 2" T-Bar ceiling systems or gypsum/plaster wall board systems, initial installations and filter maintenance are simplified. 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.
- A gel seal technology eliminating air bypass between the filter and the housing.
- A light-weight low profile design that allows installation in a limited space. The frame is constructed of extruded aluminum profiles joined at the corners with Camfil Farr's 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.
- Available with 10" or 12" ducted collar connections. The collars have an integral raised ridge to aid in securing flexible duct connection. Seismic tables are standard.
- A choice of filter efficiencies from 95%, 99.99%, and 99.9995% (supplied separately). Replaceable filters are minipleat design and offer low-pressure drop and promote air flow uniformity. Filters include a protective face screen and a damper adjustment access port.

The Slimline RSR is designed for installation in critical air quality applications including semiconductor manufacturing, pharmaceuticals, biotechnology, food processing, medical facilities, and laboratory or R&D facilities.



Camfil Farr	Product sheet
Slimline RSR	3422 - 0606
Camfil Farr—clean air solutions	

PERFORMANCE DATA

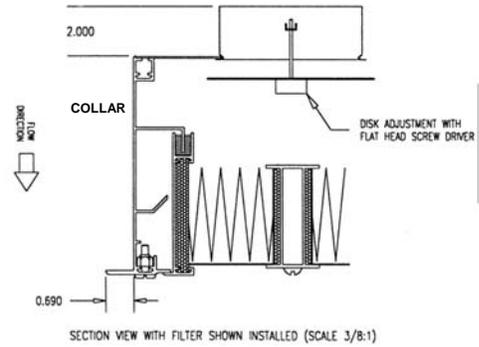
SLIMLINE RSR

Model	Dimension (inches) W X L X H	Collar Diameter (inches)	Shipping Weight (lbs.)
1.50" T-Bar			
SL RSR 23.62-23.62-10	23.62 X 23.62 X 5.37	10	34
SL RSR 23.62-23.62-12	23.62 X 23.62 X 5.37	12	34
SL RSR 23.62-35.62-10	23.62 X 35.62 X 5.37	10	40
SL RSR 23.62-35.62-12	23.62 X 35.62 X 5.37	12	40
SL RSR 23.62-41.62-10	23.62 X 41.62 X 5.37	10	46
SL RSR 23.62-41.62-12	23.62 X 41.62 X 5.37	12	46
SL RSR 23.62-47.62-10	23.62 x 47.62 x 5.37	10	50
SL RSR 23.62-47.62-12	23.62 x 47.62 x 5.37	12	50
2" T-Bar			
SL RSR 23.12-23.12-10	23.12 X 23.12 X 5.37	10	34
SL RSR 23.12-23.12-12	23.12 X 23.12 X 5.37	12	34
SL RSR 23.12-35.12-10	23.12 X 35.12 X 5.37	10	40
SL RSR 23.12-35.12-12	23.12 X 35.12 X 5.37	12	40
SL RSR 23.12-41.12-10	23.12 X 41.12 X 5.37	10	46
SL RSR 23.12-41.12-12	23.12 X 41.12 X 5.37	12	46
SL RSR 23.12-47.12-10	23.12 x 47.12 x 5.37	10	50
SL RSR 23.12-47.12-12	23.12 x 47.12 x 5.37	12	50

DATA NOTES:

'H' or Height dimension includes overall height of frame. Add 2" for duct connection collar.

Filters supplied separately.



Please contact factory for additional options and configurations.

SPECIFICATIONS

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.*

Camfil Farr 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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