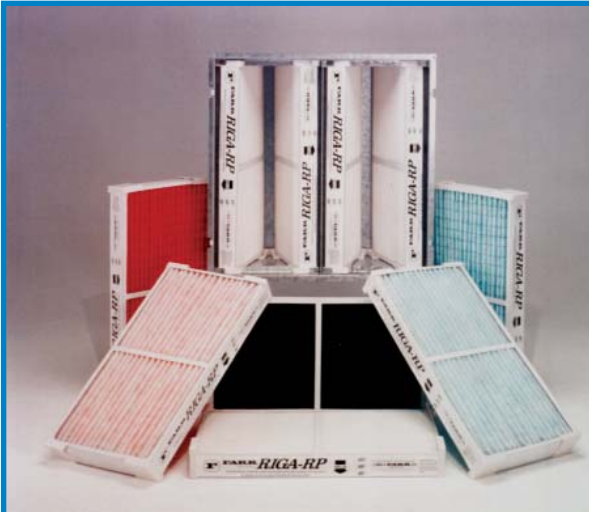


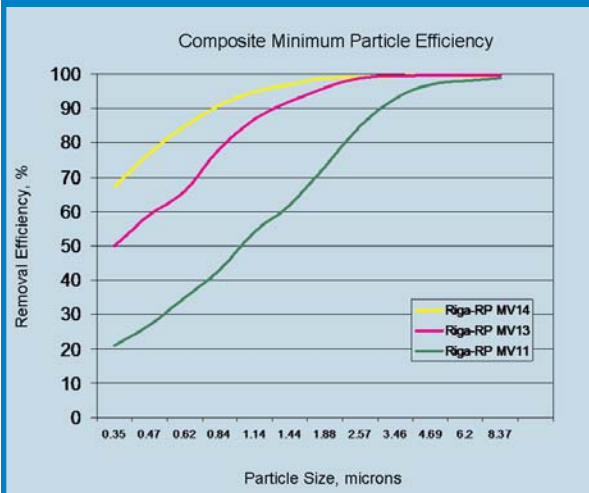
The hardware for this product is no longer available. Replacement panels are available. Contact your local Camfil Farr Distributor for alternative products.

riga-rp®

Replaceable Panel Final Filter System for Particulate or Gaseous Contaminants



Ecologically friendly modular filtration system with low life cycle cost.



Particle size versus efficiency per ASHRAE Standard 52.2. Contact Camfil Farr for adsorber efficiency and capacities for specific gaseous contaminants.

The Camfil Farr Riga-RP is a modular panel air filtration system that can reduce life-cycle costs for any facility. The Riga-RP:

- Includes a 20-gauge frame that becomes a permanent component of the HVAC filter holding system. The frame is available for built-up banks or a process housing. The enclosure is permanently retained, only the filter media is replaced.
- Accepts four replaceable panels in particulate removal efficiencies of MERV 11, MERV 13, MERV 14.
- Also accepts Camfil Farr's unique pelletized carbon modular panels for the control of many gaseous contaminants. Some common gaseous contaminants that may be removed from the airstream include ozone, nitrogen dioxide and volatile organic compounds (VOCs). These panels may be used to apply the IAQ Method per ASHRAE Standard 62, Ventilation of Acceptable Indoor Air Quality.
- Panels are ecologically friendly as they are easily compacted or may be incinerated to reduce accumulation in landfills.
- Does not require any tools for filter panel changeout. A unique spring clip system ensures that filter panels are sealed into the frame without air bypass.
- Has increased media area when compared to other high efficiency configurations for a lower pressure drop and higher dust holding capacity.
- May be combined with other filters for multiple stages of filtration (multi-stage filtration may be combined using one Camfil Farr Type 8 holding frame).
- Particulate filtration panels weigh less than 1.5 lbs. each. They are easy to handle, easy to transport, and allow for fast changeout and convenient disposal.



Camfil Farr	Product sheet
Camfil Farr Riga-RP	1506 - 0606
Camfil Farr - clean air solutions	

Item description	Part number	Quantity per box	Comments
Full size housing	120936002	1	1 required
½ size housing	120936001	1	1 required



Filter element	Part number	Nominal dimension (inches)	Airflow capacity (cfm) ¹	Resistance (inches w.g.)		Media area (sq. ft.)	Quantity per box	Comments
				Initial	Final			
MERV 14 panel	121331003	22 x 12	2000	0.36	1.5	180.6	16	4 panels per 2000 cfm required
MERV 13 panel	123672002			0.38		50.3		
MERV 11 panel	123672001			0.35		50.3		
Riga-RP PS panel	122303001			0.36	N/A ²	6.7	4	

NOTES:

¹ Complete system requires selection of housing and appropriate number of panels.

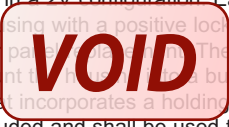
² Riga-RP PPanel is changed on gas break through. For application assistance please contact factory.

Riga-RP system is rated UL Class 2 per Underwriters Laboratories UL 900. Rated airflow capacity is for full size housing with four panels. Half size housing capacity is 1000 cfm with two panels.

SPECIFICATIONS

Combine the following paragraph with section 1, 2 3, or 4 for a complete specification based upon your selected particulate filtration requirements. For Camfil Farr Farr-Sorb PS carbon panels contact factory.

The housing shall be constructed of 20-gauge galvanized steel. All juncture points shall be welded. The housing shall be designed to hold four filtration panels in a 2V configuration. Each panel shall be secured into the housing with a positive locking mechanism. No tools shall be required for panel removal. The housing shall include four retainer clips to mount the panels into the built-up bank holding frame, or into a housing that incorporates a holding frame. Self-tapping screws shall be included and shall be used to secure the housing into the filter frame. A factory-installed gasket, of polyurethane foam, shall be installed on the housing to ensure a positive airflow seal.



Selection 1: MERV 11 per ASHRAE Standard 52.2, 60-65% dust spot efficiency per ASHRAE Standard 52.1

Four panels, per filter housing, constructed of filter media, welded wire backing, and a high wet strength beverage board enclosing frame shall be installed in each housing. The filter media shall be constructed of a charged polypropylene synthetic microfiber media with a non-woven synthetic scrim backing. The media shall be bonded to a welded wire grid that is spot-welded on one-inch centers, and treated for corrosion resistance. Each filter panel shall have 18 pleats, for a total filter area of 50.3 square feet for four panels. The enclosing frame for each panel shall be constructed of 0.28" high wet-strength beverage board. The media shall be bonded to the inside periphery of the enclosing fame to eliminate the possibility of air bypass. Each frame shall incorporate a polypropylene cam shoe that assures proper sealing of the panel into the filter housing.

Filters shall have a relative humidity limit of 80% and a temperature limitation of 180° F, 200° F intermittent. The filter shall have a minimum MERV of 11 when tested in accordance with ASHRAE Standard 52.2. Filters shall be listed by Underwriters' Laboratories as Class 2.

Selection 2: MERV 13 per ASHRAE Standard 52.2, 80-85% dust spot efficiency per ASHRAE Standard 52.1

Four panels, per filter housing, constructed of filter media, welded wire backing, and a high wet strength beverage board enclosing frame shall be installed in each housing. The filter media shall be constructed of a charged polypropylene synthetic microfiber media with a non-woven synthetic scrim backing. The media shall be bonded to a welded wire grid that is spot-welded on one-inch centers, and treated for corrosion resistance. Each filter panel shall have 18 pleats, for a total filter area of 50.3 square feet for four panels. The enclosing frame for each panel shall be constructed of 0.28" high wet-strength beverage board. The media shall be bonded to the inside periphery of the enclosing frame to eliminate the possibility of air bypass. Each frame shall incorporate a polypropylene cam shoe that assures proper sealing of the panel into the filter housing.

Filters shall have a relative humidity limit of 80% and a temperature limitation of 180° F, 200° F intermittent. The filter shall have a minimum MERV of 13 when tested in accordance with ASHRAE Standard 52.2. Filters shall be listed by Underwriters' Laboratories as Class 2.

Selection 3: MERV 14 per ASHRAE Standard 52.2, 90-95% dust spot efficiency per ASHRAE Standard 52.1

Four panels, per filter housing, constructed of filter media, and a high wet strength beverage board enclosing frame shall be installed in each housing. The filter media shall be constructed of a high density wet-laid microfibre glass fiber. The media shall be formed into a rigid pack with 7 pleats per linear inch and a total of 181 square feet of media area for four filter panels. Thermoplastic separator beads shall be utilized to maintain uniform pleat spacing. The enclosing frame for each panel shall be constructed of 0.28" high wet-strength beverage board. The media shall be bonded to the inside periphery of the enclosing fame to eliminate the possibility of air bypass. Each frame shall incorporate a polypropylene cam shoe that assures proper sealing of the panel into the filter housing.

Filters shall have a relative humidity limit of 80% and a temperature limitation of 180° F, 200° F intermittent. The filter shall have a minimum MERV of 14 when tested in accordance with ASHRAE Standard 52.2. Filters shall be listed by Underwriters' Laboratories as Class 2.

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.

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