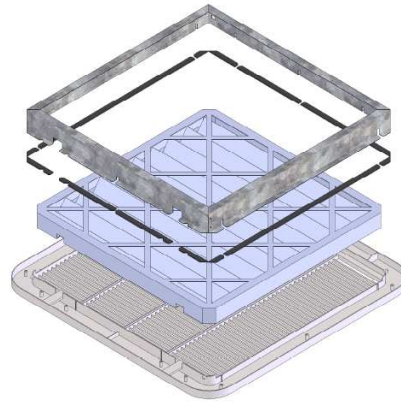


1. High Efficiency Filter Kit



Caution: Field setting by remote controller is necessary when the high efficiency filter is installed. See Section 4 for more details.

2. DACA-FQP13-1K MERV 13 Filter Summary

Designed to meet the demands of the toughest applications, the AMFCO – American Air Filter Company 1.5” pleated filter offers premium performance and construction. It’s synthetic, electrostatically charged media has a high initial efficiency and is particularly effective in capturing finer particulate. The media pack is bonded to a unitized, die-cut box frame at all points of contact, preventing dirty air bypass and promoting even airflow. The AMFCO filter also has a heavy duty, expanded metal support grid to increase rigidity and help maintain proper pleat spacing`. This ensures maximum efficiency, low resistance and maximizes dust holding capacity with no racking or vibration of the pleats under normal airflow.



FXFQ T VRV Indoor Units

VRV	DACA-FQP13-1K								
Unit Model Number	FXFQ07 TVJU	FXFQ09 TVJU	FXFQ12 TVJU	FXFQ15 TVJU	FXFQ18 TVJU	FXFQ24 TVJU	FXFQ30 TVJU	FXFQ36 TVJU	FXFQ48 TVJU
Cooling Airflow Rate (CFM)	420	441	441	512	742	777	1112	1165	1218
Filter Efficiency	MERV 13								
Initial Pressure Loss ("WG)	0.060	0.070	0.070	0.080	0.130	0.140	0.220	0.230	0.250
Final Pressure Loss ("WG)	0.39 or less								
Filter	Disposable Extended Surface Pleated Panel Filter								
Accessories	Installation Manual								
Mass (Lbs)	4								
Replacement Filter	DACA-FQP13-1B (12 per Box)								

FXFQ P VRV Indoor Units

VRV	DACA-FQP13-1K						
Unit Model Number	FXFQ09 PVJU	FXFQ12 PVJU	FXFQ18 PVJU	FXFQ24 PVJU	FXFQ30 PVJU	FXFQ36 PVJU	FXFQ48 PVJU
Cooling Airflow Rate (CFM)	460	460	560	780	830	1180	1220
Filter Efficiency	MERV 13						
Initial Pressure Loss ("WG)	0.070	0.070	0.100	0.140	0.150	0.230	0.240
Final Pressure Loss ("WG)	0.39 or less						
Filter	Disposable Extended Surface Pleated Panel Filter						
Accessories	Installation Manual						
Mass (Lbs)	4						
Replacement Filter	DACA-FQP13-1B (12 per Box)						

FCQ PA SkyAir Indoor Units


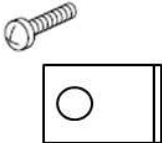

SkyAir	DACA-FQP13-1K				
Unit Model Number	FCQ18PAVJU	FCQ24PAVJU	FCQ30PAVJU	FCQ36PAVJU	FCQ42PAVJU
Cooling Airflow Rate (CFM)	560	780	830	1180	1220
Filter Efficiency	MERV 13				
Initial Pressure Loss ("WG)	0.090	0.140	0.150	0.230	0.250
Final Pressure Loss ("WG)	0.39 or less				
Filter	Disposable Extended Surface Pleated Panel Filter				
Accessories	Installation Manual				
Mass (Lbs)	4				
Replacement Filter	DACA-FQP13-1B (12 per Box)				

3. Pre-Installation

Before starting the installation work, carefully read the following safety precautions and observe them to ensure safety during work.

- Be sure to use only the specified components contained in this kit when installing. Failure to do so could lead to a reduction in system performance and possible system failure.
- Only Daikin approved filters are permitted to be used for replacement.
- After installation, check that there is no abnormality during the trial operation.

Components: Check if the following parts are included in your kit:

Name	High Efficiency Filter Unit	Screw and L-Bracket	Installation Manual
Shape			
Quantity	1 Piece	2 of each	1 Piece

4. Preparation of the Indoor Unit:

When installing the high-efficiency filter kit, reprogramming of the indoor unit via the remote controller is required. The reprogramming increases the external static pressure (ESP) capabilities of the indoor unit fan motor; this is required due to the higher initial pressure drop of the MERV 13 filter. The programming is carried out in the indoor unit field setting mode as shown in the following table.

Refer to the Operation Manual of the remote controller for the proper field-setting instructions.

FXFQ T VRV & FCQ PA SkyAir Indoor Units

Mode Number	Setting Switch Number	Setting Position Number	Remarks
13 (23)	0	02	FXFQ07-24TVJU
			FCQ18-30PAVJU
	1	02	FXFQ07-48TVJU
			FCQ18-42PAVJU

FXFQ P VRV Indoor Units

Mode Number	Setting Switch Number	Setting Position Number	Remarks
13 (23)	0	02	FXFQ09-30PVJU
	1	02	FXFQ36-48PVJU

5. Installation of the MERV 13 High Efficiency Filter Unit

1. Remove the unit air intake grill from the decoration panel.
2. Remove the factory supplied washable filter from the 4 air intake grill fixing hooks.
3. Remove the new high efficiency disposable filter from the kit filter frame.
4. Place the new filter onto the decoration panel keeping in mind that the filter is directional. See figure 1.



Figure 1

5. **Note – The two air intake grill fixing hooks near the swing flap motor lead wire are slightly longer than the two fixing hooks on the other side.**

Slide the filter frame over these two longest fixing hooks ensuring that the corner slots line up with the fixing hooks. See figure 2.

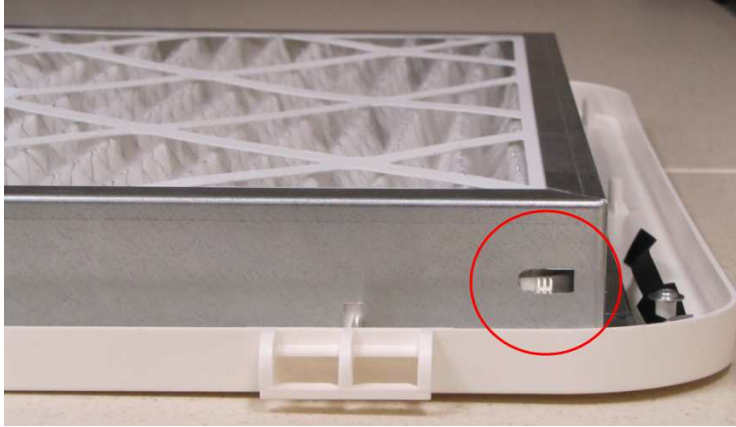


Figure 2

6. Slide the filter frame down over the other two shorter fixing hooks. (There are no corner slots on this side of the filter frame).
7. Secure the filter frame to the air intake grill with the supplied screws and L-brackets.

Attach the L-brackets and screws to one of the two holes on either side of the two air intake grill spring latches. See figures 3 and 4.

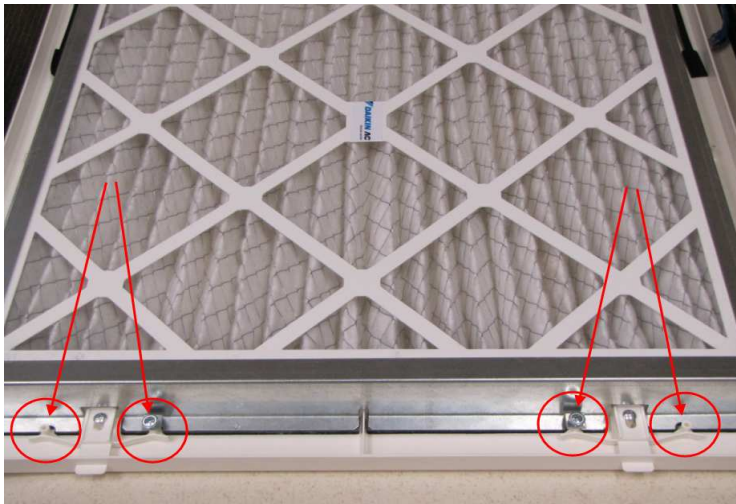


Figure 3



Figure 4

8. Install the decoration panel in accordance with the installation instructions supplied with the decoration panel.

6. Removal of the High Efficiency Filter Unit

To remove the high efficiency filter unit, carry out steps 5-8 in reverse order.

