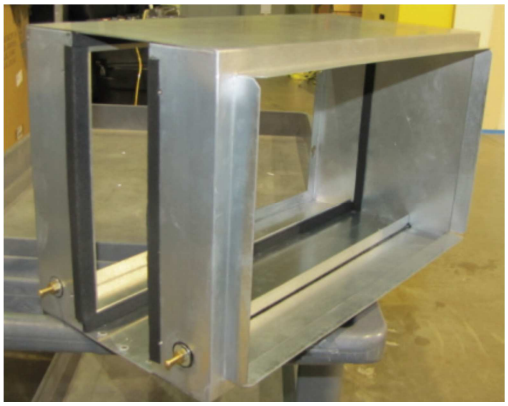
1. High Efficiency Filter Kit



2. DACA-FXMQ_131K MERV 13 Filter Summary

Designed to meet the demands of the toughest applications, the AmAir 1300 4" pleated filter offers premium performance and construction. Its 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 AmAir 1300 also has a heavy duty, expanded metal support grid to increase rigidity and help maintain proper pleat spacing. This maximizes efficiency, low resistance, and high dust-holding capacity with no racking or vibration of the pleats under normal airflow. To support the increased pleat depth of the 4” AmAir 1300, a pleat stabilizer is added to enhance these benefits, resulting in longer service life.

FXMQ_PA VRV Indoor Units

VRV	DACA-FXMQ12131K		DACA-FXMQ14131K	DACA-FXMQ30131K			DACA-FXMQ48131K			
Indoor Unit	FXMQ07 PAVJU	FXMQ09 PAVJU	FXMQ12 PAVJU	FXMQ15 PAVJU	FXMQ18 PAVJU	FXMQ24 PAVJU	FXMQ30 PAVJU	FXMQ36 PAVJU	FXMQ48 PAVJU	FXMQ54 PAVJU
Number of Filters Required	1			2						
Cooling Air Flow Rate (CFM)	317		450	560	636	688	1094	1130	1377	1624
Filter Efficiency	MERV 13									
Initial Pressure Loss ("Wg)	0.045		0.070	0.050	0.060	0.070	0.085	0.090	0.110	0.140
Final Pressure Loss ("Wg)	.39" or less									
Dimensions (In. HxWxD)	11.75x21x11		11.75x27x11	11.75x39x11			11.75x54.5x11			
Filter Service Space (In.)	Side Access: 24"		Side Access: 30"							
Cabinet Weight (Lbs.)	11.17		13.44	18.45			24.05			
Filter	Disposable Extended Surface Pleated Panel Filter									
Accessories	Installation Manual									
Replacement Filter	DACA-MQP-12-1B (6 Per Box)		DACA-MQP-14-1B (6 Per Box)	DACA-MQP-30-1B (6 Per Box)			DACA-MQP-48-1B (6 Per Box)			

FXMQ_P VRV Indoor Units

Kit Part Number	DACA-FXMQ12131K			DACA-FXMQ30131K			DACA-FXMQ48131K	
Indoor Unit	FXMQ07 PVJU	FXMQ09 PVJU	FXMQ12 PVJU	FXMQ18 PVJU	FXMQ24 PVJU	FXMQ30 PVJU	FXMQ36 PVJU	FXMQ48 PVJU
Number of Filters Required	1			2				
Cooling Air Flow Rate CFM	317		335	636	688	883	1130	1377
Filter Efficiency	MERV 13							
Initial Pressure Loss ("Wg)	0.045		0.050	0.060	0.070	0.100	0.090	0.110
Final Pressure Loss ("Wg)	.39" or less							
Dimensions (In. HxWxD)	11.75x21x11			11.75x39x11			11.75x54.5x11	
Filter Service Space (In.)	Side Access: 24"			Side Access: 30"				
Cabinet Weight (Lbs.):	11.17			18.45			24.05	
Filter	Disposable Extended Surface Pleated Panel Filter							
Accessories	Installation Manual							
Replacement Filter	DACA-MQP-12-1B (6 Per Box)			DACA-MQP-30-1B (6 Per Box)			DACA-MQP-48-1B (6 Per Box)	

FBQ_P SkyAir Indoor Units

SkyAir	DACA-FXMQ30131K			DACA-FXMQ48131K	
Indoor Unit	FBQ18PVJU	FBQ24PVJU	FBQ30PVJU	FBQ36PVJU	FBQ42PVJU
Number of Filters Required	2				
Cooling Air Flow Rate (CFM)	635	688	882	1130	1377
Filter Efficiency	MERV 13				
Initial Pressure Loss ("Wg)	0.060	0.070	0.100	0.090	0.110
Final Pressure Loss ("Wg)	.39" or less				
Dimensions (In. HxWxD)	11.75x39x11			11.75x54.5x11	
Filter Service Space (In.)	Side Access: 30"				
Cabinet Weight (Lbs.)	18.45			24.05	
Filter	Disposable Extended Surface Pleated Panel Filter				
Accessories	Installation Manual				
Replacement Filter	DACA-MQP-30-1B (6 Per Box)			DACA-MQP-48-1B (6 Per Box)	

3. Installation of the MERV 13 High Efficiency Filter Unit

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.

• After installation, check that there is no abnormality during the trial operation.

• Only Daikin approved filters are permitted to be used for replacement.

• Select an installation location that conforms to the following conditions:

1. Sufficient strength to bear the weight of the indoor unit and filter chamber; the Indoor Unit and the Filter Rack shall be supported independently of one another.
2. Lower surface of a ceiling is not significantly inclined.
3. Service Space can be kept from the viewpoint of installation.

4. Visual Instructions for Filter Installation

The following figures provide step-by-step instructions on how to install the High Efficiency Filter Units.

Figure 1: Start two screws in the two top holes on the side opening.

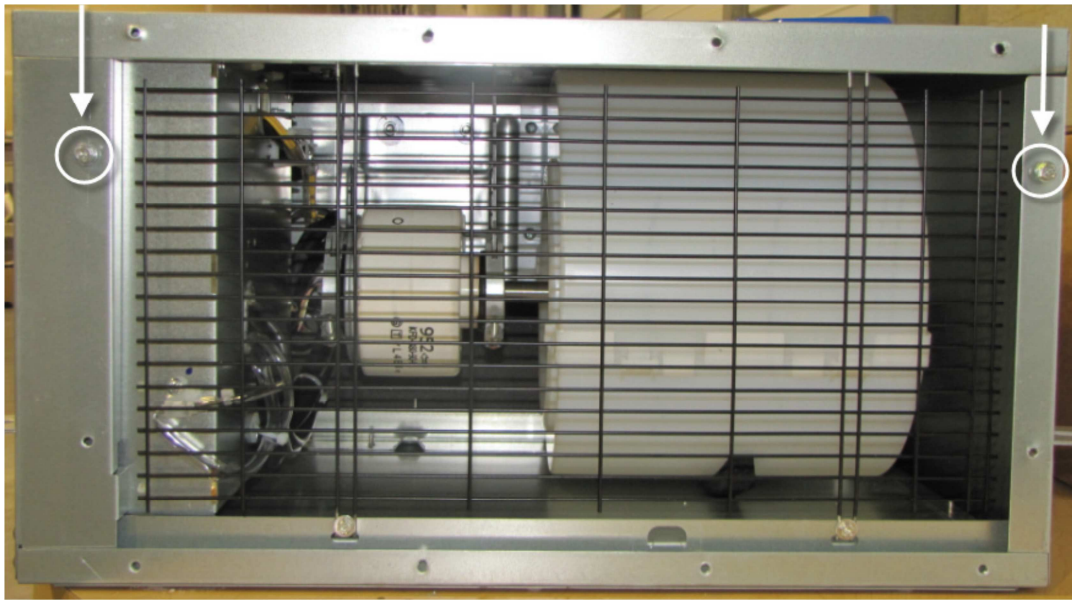


Figure 2: Holding the filter enclosure, insert the two screws through the bottom of the keyhole slots and let enclosures rest on the screws.

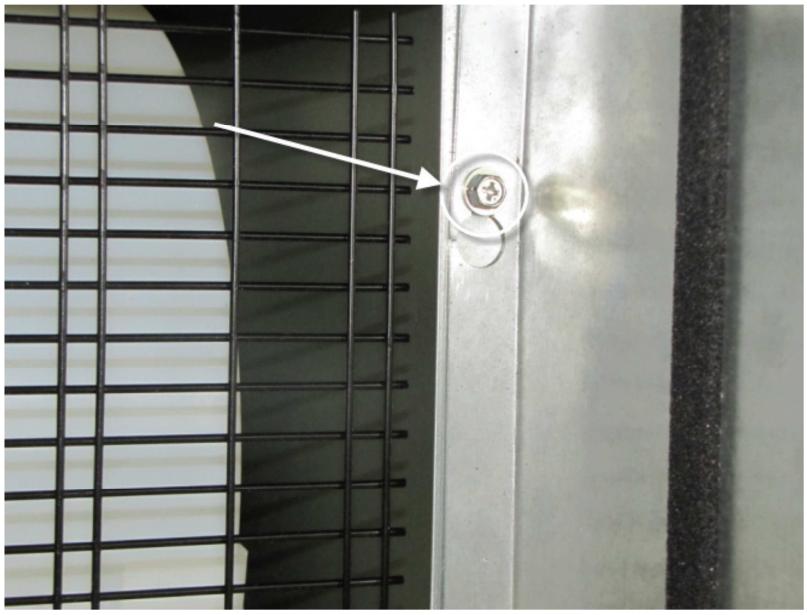


Figure 3: Once enclosure is in place, insert remaining screws and tighten.

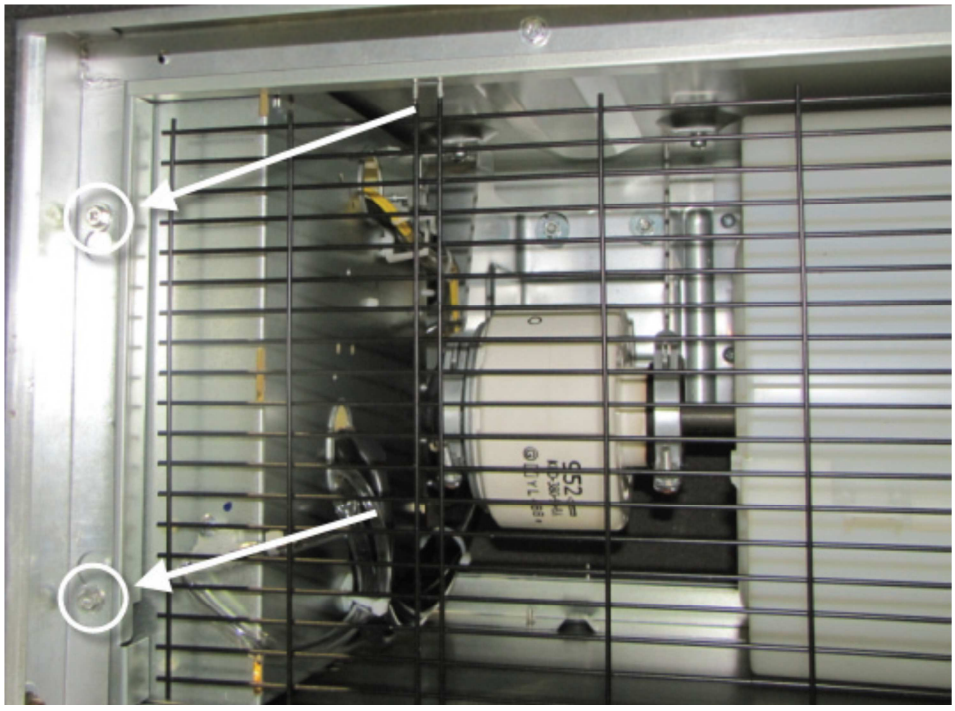


Figure 4: Insert filter into enclosure with air direction arrow pointing toward fan coil.

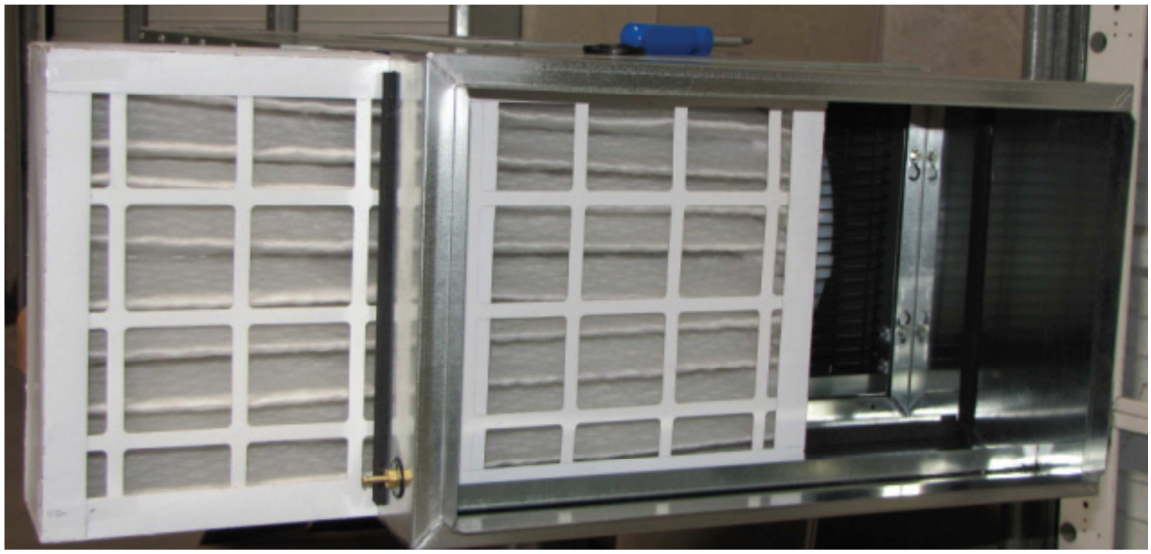
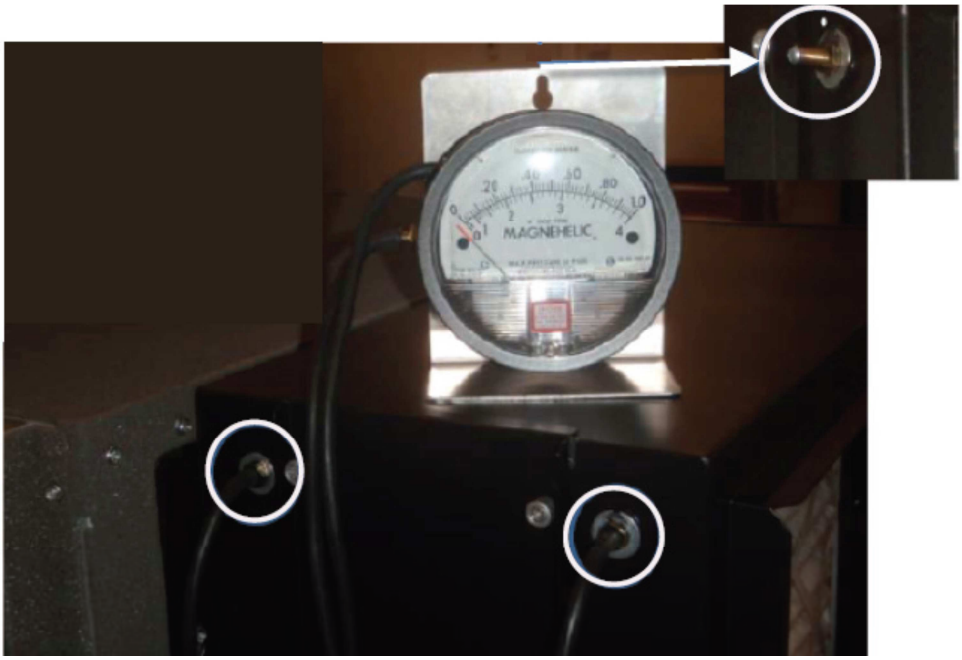


Figure 5: Install door and tighten down the four door screws

Figure 6: To utilize meter connections, remove the screws from the connection port and install the meter hose.



Daikin Filtration Cabinet
Air Filter Service Life Monitoring / Filter Replacement

Procedure Overview

The air filter service life can be monitored by the pressure differential across the air filter and is measured in inches of water gauge (WG). As the filter loads with contaminant, the pressure differential increases.

These measurements are accomplished manually at the Daikin Filtration Cabinet using a hand-held digital manometer.

Air filter pressure differential readings may also be obtained with a building automated controls package.

Manual Procedure Instructions:

1. **Calibrate digital manometer per manufacturer's instructions.**
2. **Remove access door and install a clean air filter(s), and replace door, securing it with fasteners.**
3. **Remove brass screws from the test ports.**
4. **Attach 2 rubber tubes supplied with the kit to both ports of the manometer.**
5. **Connect the left tube of the manometer to the left port on the side of the Daikin Filtration Cabinet, and connect the right tube to the right port.**
6. **The fan coil must be operating to obtain the readings, preferably on the highest speed for maximum CFM.**
7. **Log the reading of the clean air filter(s). Initial pressure and CFM for each fan coil can be found in the tables above. Filter change-out is required when pressure differential reaches .39" WG maximum. Note: DO NOT EXCEED MAXIMUM.**
8. **Monthly readings are recommended.**
9. **Replacement air filters are available from Daikin.**