

## 1. MERV 13 High Efficiency Filter Kit for FXSQ\_TAVJU



## 2. DFBS\_A13 MERV 13 Filter Summary

Filter Cabinet Model	DFBS22A13				DFBS27A13	DFBS39A13
Indoor Unit	FXSQ05TAVJU	FXSQ07TAVJU	FXSQ09TAVJU	FXSQ12TAVJU	FXSQ15TAVJU	FXSQ18TAVJU
# of Filters	1				1	2
Airflow (CFM)	281	281	318	335	530	600
Filter Efficiency	MERV 13					
Filter Initial Pressure Loss (in. w.g.)	0.08"	0.08"	0.10"	0.11"	0.13"	0.09"
Dimensions (in. HxWxD)	9.5" x 24.06" x 7"				9.5" x 29.9" x 7"	9.5" x 42" x 7"
Filter Service Space (in.)	Side Access: 20"				Side Access: 27"	Side Access: 20"
Cabinet Weight (Gross)	12 lbs				15 lbs	21 lbs
Filter Type	Disposable, synthetic, electrostatically charged, non-woven media					
Replacement Filter	SQM13A20 (6 per box)				SQM13A25 (6 per box)	

Filter Cabinet Model	DFBS39A13		DFBS55A13		DFBS61A13
Indoor Unit	FXSQ24TAVJU	FXSQ30TAVJU	FXSQ36TAVJU	FXSQ48TAVJU	FXSQ54TAVJU
# of Filters	2		2		3
Airflow (CFM)	742	812	1130	1307	1377
Filter Efficiency	MERV 13				
Filter Initial Pressure Loss (in. w.g.)	0.13"	0.15"	0.15"	0.19"	0.18"
Dimensions (in. HxWxD)	9.5" x 42" x 7"		9.5" x 57.4" x 7"		9.5" x 63.3 x 7"
Filter Service Space (in.)	Side Access: 20"		Side Access: 27"		Side Access: 20"
Cabinet Weight (Gross)	21 lbs		28 lbs		32 lbs
Filter Type	Disposable, synthetic, electrostatically charged, non-woven media				
Replacement Filter	SQM13A20 (6 per box)		SQM13A25 (6 per box)		SQM13A20 (6 per box)

### 3. Installation of the DFBS\_A13 MERV 13 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 reduction in system performance and possible system failure.
- After installation, check that there is no abnormality during the trial operation.
- Select an installation location that conforms with the following conditions:
  1. Sufficient strength to bear the weight of the indoor unit and filter chamber; the indoor unit and the filter cabinet shall be supported independently of one another as necessary.
  2. The lower surface of a ceiling is not significantly inclined in such a way that prevents proper, level installation of the indoor unit. Refer to the indoor unit installation manual for additional detail.
  3. Select a location that allows for adequate service space for replacing the filter media.

### 4. Instructions for Filter Cabinet Installation

The following instructions provide step-by-step instructions on how to install the filter cabinet to the indoor unit.

- 4.1. Remove the factory mounted return air flange by removing the sheet metal screws holding the flange in place.
- 4.2. Reusing the factory sheet metal flange screws, start two screws in the two upper position holes on the side rail as shown in **Figure 1**. These screws will help align the placement of the filter box.

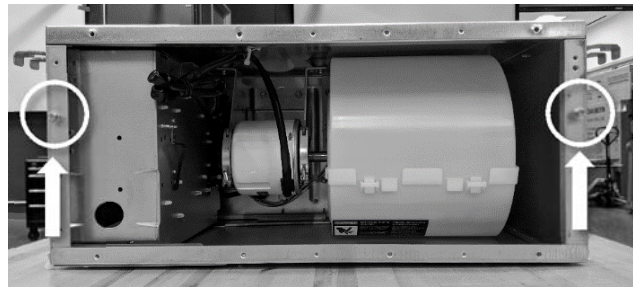


Figure 1

- 4.3. Align the filter box mounting keyholes with the two sheet metal screws and hang the filter box by insert the screw heads into the keyhole slots.
- 4.4. Once the filter box is in place, install the remaining sheet metal screws and tighten. Refer to **Figure 2**.



Figure 2