

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.

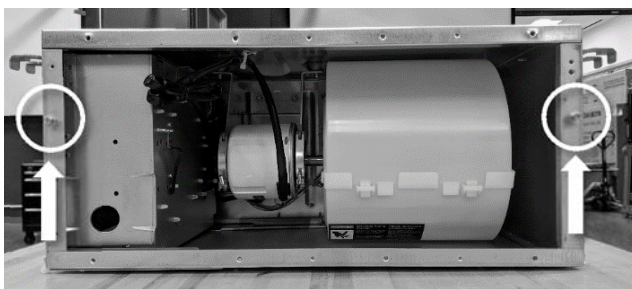


Figure 1

- 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