

INSTALLATION INSTRUCTION

FILTER / FRAME KIT MODEL 1FF0112

Supersedes: 530.46-N1.15V (496)

530.46-N1.15V (1099)

035-13943-000

FOR SINGLE PACKAGE AIR CONDITIONERS 4 AND 5 TON

GENERAL

This filter and frame kit may be used for horizontal or vertical air flow and with or without an economizer.

INSPECTION

The following list details the parts included in this kit. Inspect the kit to ensure that all listed parts are included.

CONTENTS OF KIT

ITEM	QTY.	DESCRIPTION
1	1	Upper Filter Rack
2	1	Bottom Filter Rack
3	1	Filter "Z" Bracket
4	1	Filler Bracket
5	2	Angle Bracket
6	1	Front Bracket
7	1	Filter Clamp
8	2	High Velocity Permanent Filter, 1"
9	8	Hex Head Screw, #10 x 5/16" lg.

TOOLS REQUIRED FOR INSTALLATION

A hex nut driver 5/16" is the only tool needed to install this kit. This tool is not supplied with this kit and must be supplied at time of installation.

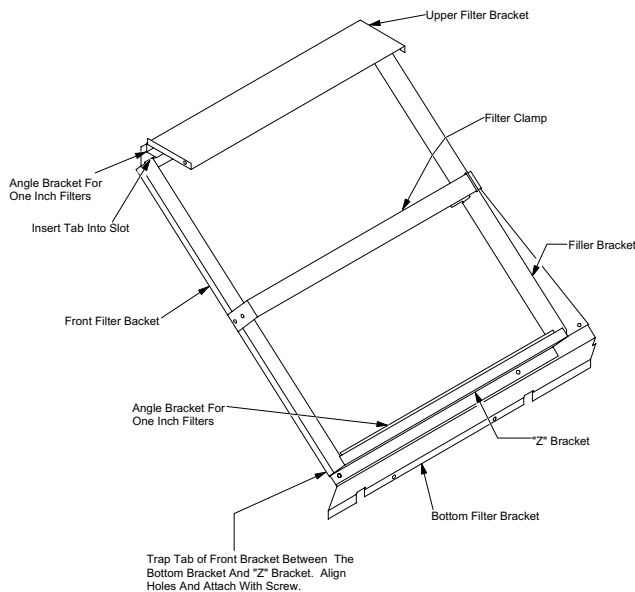
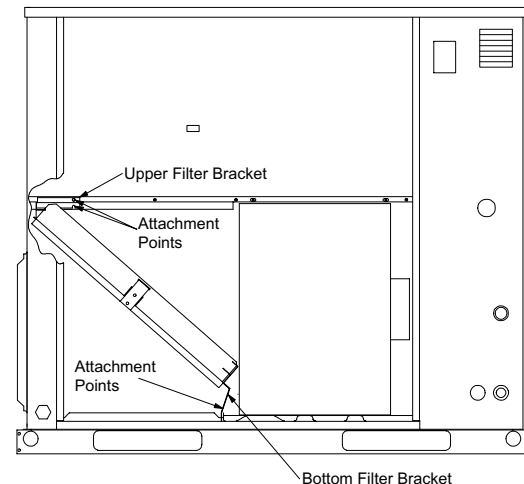


FIGURE 1 - FILTER / FRAME KIT ASSEMBLY

INSTALLATION

Install the filter and frame kit as follows:

1. Remove the 5 screws on the blower access panel and remove the panel.
2. Remove the far left screw on the front heat exchanger plenum and the far left screw on the back of the heat exchanger plenum. Secure the upper filter bracket with the screws removed.
3. Attach the bottom filter bracket to the "Z" bracket and the filler bracket to the bottom filter bracket/"Z" bracket assembly with the screws provided.
4. For horizontal airflow applications, remove the two (2) screws from the bottom duct cover closest to the blower. For vertical airflow applications, the bottom duct cover will be removed and installed over the horizontal duct opening on the outside of the duct panel.
5. Place the bottom filter bracket/"Z" bracket/filler bracket assembly into the upper filter filter bracket and attach to the bottom duct flange with two (2) #10 screws.
6. Place the front filter bracket tab into the slot of the upper filter bracket and the other front filter bracket tab between the bottom bracket and the "Z" bracket. Align the holes and secure with one (1)#10 screw.
7. If the 1 inch filter will be used, install the angle bracket to the upper and bottom filter racks to act as spacers. If these brackets are not installed, the filter may rattle during operation. If the 2 inch filter will be used, the angle brackets are not needed.
8. Slide the filters into place and secure with the filter clamp and one (1) #10 screw.
9. Replace the blower access panel.



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