

**MANUAL – INSTALLATION AND MOUNTING**

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# Filter Frame Grilles

FF Series - New Style Filter Frame

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**PRICE**<sup>®</sup>

# FILTER FRAME GRILLES

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# FILTER FRAME GRILLES

## PRODUCT OVERVIEW

### Overview

This manual supports the installation of Price FF filter grilles with the new style filter frame. The new style filter frame allows for easy installation without notching the drywall. Filter grille models and construction are listed below for reference.

Core Type	Material
Egg Crate: 80FF	Steel: 530FF/535FF/10FF
Louvered: 530FF, 535FF, 630FF, 635FF	Aluminum: 80FF, 630FF, 630FF, 10AFF
Perforated: 10FF, 10AFF	

The FF filter grilles will have one (1) sticker located on the outside of the frame. For ease of troubleshooting assistance, replacement parts, and general factory assistance, it is recommended that the order number and model line string be available for reference. This information can be found on the Factory Label.



### Before You Start

1. Inspect all cartons and boxes for flaws and shipping damage.
2. Remove grille(s) from the shipping carton and inspect for any damage.
3. If anything is discovered to be damaged, contact the shipping company and file a freight claim.

# FILTER FRAME GRILLES

## PRODUCT OVERVIEW

### Getting Started – Interpreting the Line String

**STEP 1:** Refer to the factory label of the product. Ensure that the product has the new style filter frame. In the line string of the product, check the Model name for “FF-1-1”.




0 75992500210001 8001

ORDER	LINE	UNIT	PART	SECTION	TAG: (EXAMPLE)
<b>744629</b>	<b>1</b>	<b>1</b>	<b>A</b>	<b>1/1</b>	

**80FF-1-1//1/18.000/18.000/LI/3PA/24x24/0/0/LATCH-ONLY/SCREW/1/B12**  

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬
APPLIES TO 80FF LINESTRINGS

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**530FF-1-1//1/18.000/8.000/SM/F//0/0/S/LATCH-ONLY/SCREW/1/B17**  

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬
APPLIES TO 530FF LINESTRINGS

- |                    |                                  |                                  |                     |
|--------------------|----------------------------------|----------------------------------|---------------------|
| ① Model            | ⑤ Application                    | ⑨ Ceiling Module B (For LI Only) | ⑬ Finish            |
| ② Order Type       | ⑥ Border                         | ⑩ Hinge Orientation              | ⑭ Blade Orientation |
| ③ Duct Dimension A | ⑦ Panel Size                     | ⑪ Latch Option                   |                     |
| ④ Duct Dimension B | ⑧ Ceiling Module A (For LI Only) | ⑫ Filter Height                  |                     |

**STEP 2:** Determine the Application type of the grille. Refer to the factory label and check whether the application is for **LI – Lay-In** or **SM – Surface Mount**. Then proceed to the appropriate page for the required installation instructions:

Fastening Type	Page #
LI – Lay-In	3
SM – Surface Mount	4

# FILTER FRAME GRILLES

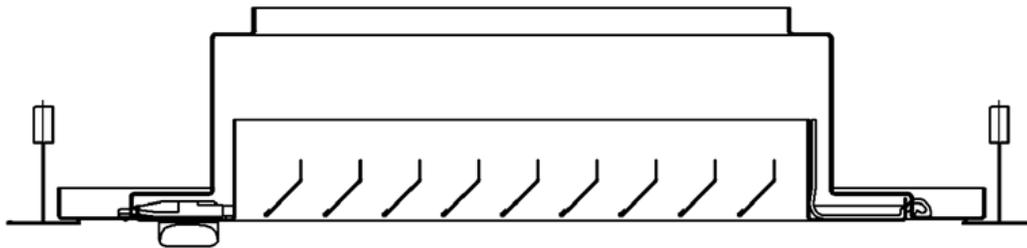
## LAY-IN APPLICATION

### Applicable Border: F, 3P, 3PA, 17P, 17PA, 916P, and 916PA

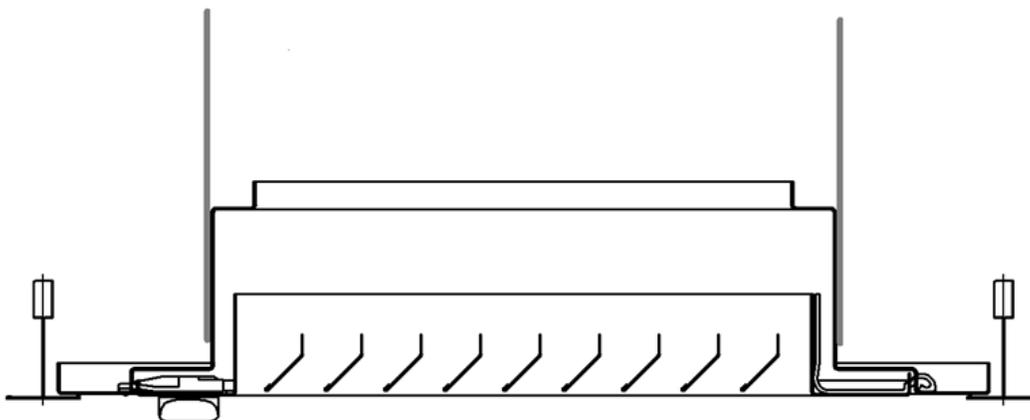
**STEP 1:** The size of the ceiling grid should follow Ceiling Module A and Ceiling Module B, and the duct connection should follow Duct Dimension A and Duct Dimension B (both listed on the factory label). In the image below, the ceiling module appears as 24 and 24, and the duct dimensions appear as 20.000 and 20.000.



**STEP 2:** Lay the diffuser into the T-bar ceiling grid.



**STEP 3:** Mount and secure the duct to the grille's inlet.



# FILTER FRAME GRILLES

## SURFACE MOUNT APPLICATION

### Applicable Border: F

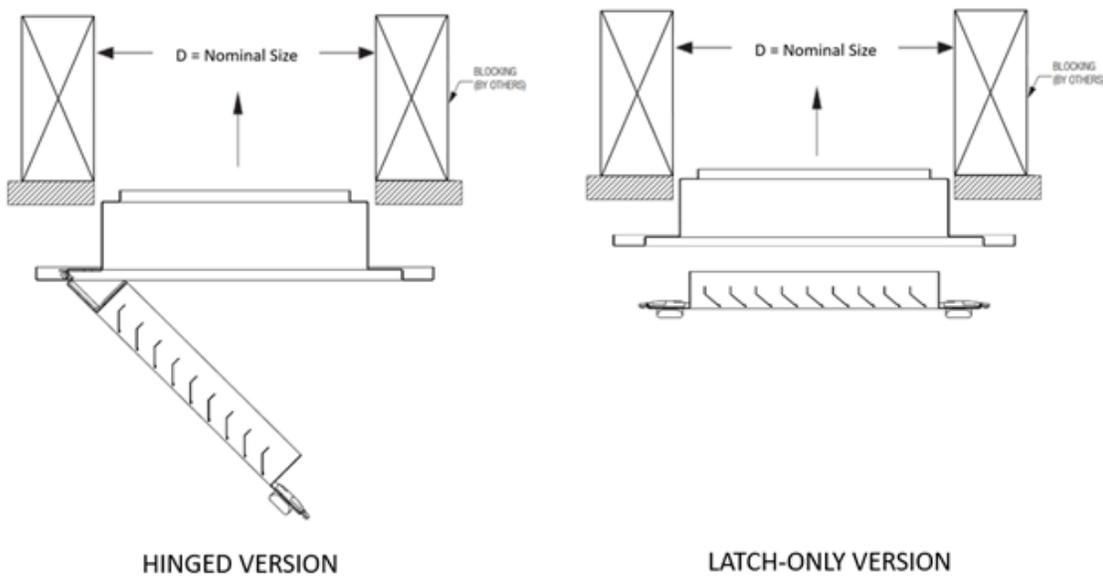
**STEP 1:** Frame out the opening where the grille will be placed. The size of the duct opening should follow the Duct Dimension A and Duct Dimension B dimensions listed on the factory label. In the image below, these dimensions appear as 18.000 and 8.000.

**NOTE:** Blocking recommended if grille is laid into drywall.

**NOTE:** Ensure blocking does not interfere with duct work.



**STEP 2:** Open the filter frame by turning the latches counterclockwise. For the SCREW latch option, the thumb screw needs to be fully removed. Filter grilles **with a hinge** will have the core swing open and filter grilles **without a hinge** will have the core completely removable once the latches are removed.

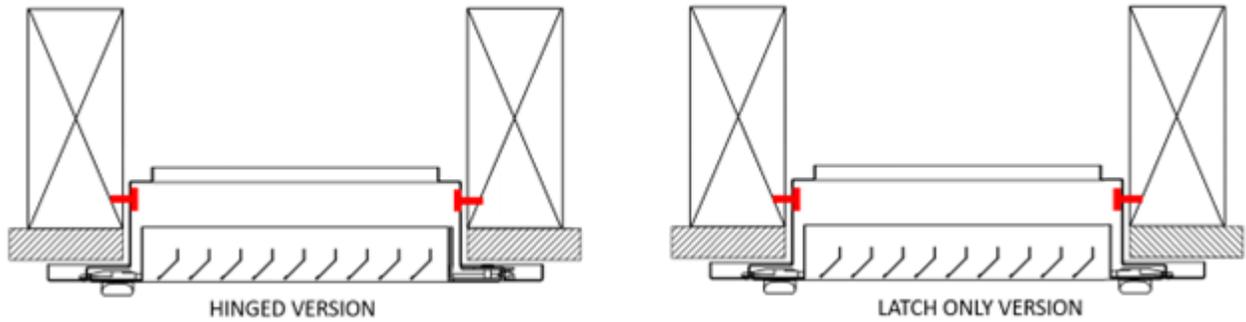


**NOTE:** Be careful removing the latches as the core may swing or fall abruptly once the latches have been removed.

# FILTER FRAME GRILLES

## SURFACE MOUNT APPLICATION

**STEP 2:** Place the grille in the opening and using screws (provided by others), fasten the grille from the inside of the filter frame into blocking.



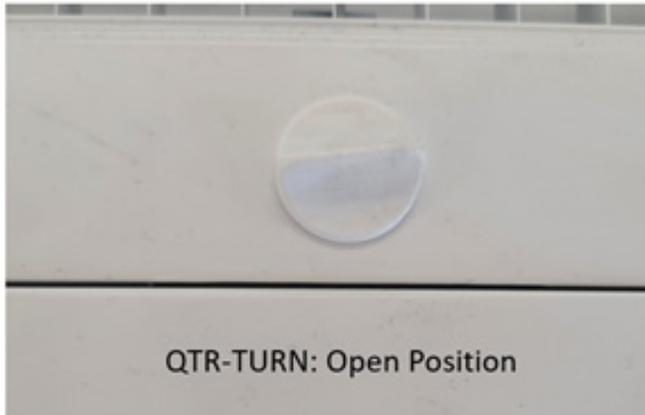
**NOTE:** For sidewall installations with duct sizes over 30"x30", hinges are recommended to be positioned at the bottom (side closer to the floor) to help support the grille weight.

# FILTER FRAME GRILLES

## GRILLE REMOVAL AND REPLACEMENT FROM HINGED FILTER FRAME

**Applicable Models:** All FF-1-1 Models

**STEP 1:** Open the filter grille by turning the latches counterclockwise. For the SCREW latch option, the thumb screw needs to be fully removed.



**STEP 2:** Open the filter frame and you will find two metal plates parallel to the hinges of the filter frame.



# FILTER FRAME GRILLES

## GRILLE REMOVAL AND REPLACEMENT FROM HINGED FILTER FRAME

**STEP 3:** Using a flathead screwdriver on the slotted holes on the metal plates, turn the metal plates 90° as seen in the image below. You may need to tilt the grille slightly inwards to help with ease of turning the plates.



**STEP 4:** To remove the grille from the filter frame hinges, pull the grille in the direction opposite of the hinges. For the steel filter grilles (530F/535FF/10FF), you may need angle the grille inwards approximately 45° to 60° to help with grille removal.



## FILTER FRAME GRILLES

### GRILLE REMOVAL AND REPLACEMENT FROM HINGED FILTER FRAME

**STEP 5:** Grille is now separated from its filter frame.



**GRILL REPLACEMENT:** To replace the grille back into the filter frame, follow steps 1-5 in descending order starting from step 5.

# FILTER FRAME GRILLES

## PARTS LIST

Part Name	Description	Part Number
Rivet Nut Insert	RIVNUT INSERT, #10-32 AVK	031423-003
Knurled Thumb Screw	KNURLED THUMB SCREW AL, #10-32 X .375"	031978-001
Plastic ¼ turn dial, B12	CAM LATCH DIAL, B12 WHITE	041221-001
Plastic ¼ turn plate, B12	CAM LATCH PLUG & PLATE, B12 WHITE	041221-002
Plastic ¼ turn dial, B15	CAM LATCH DIAL, B15 GRAY	041221-003
Plastic ¼ turn plate, B15	CAM LATCH PLUG & PLATE, B15 GRAY	041221-004
Plastic ¼ turn dial, B17	CAM LATCH DIAL, B17 BLACK	041221-005
Plastic ¼ turn plate, B17	CAM LATCH PLUG & PLATE, B17 BLACK	041221-006

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