



Your new grille has 2 parts - the wooden grille and metal frame, which holds the grille and a 1" filter (if needed) securely in the wall or ceiling. Grilles fit standard sized opening with little-to-no wall modification.

Preparation: Separating Grille from Frame

To separate the grille from the metal frame in preparation for installation, follow the 3 steps below:

Step 1

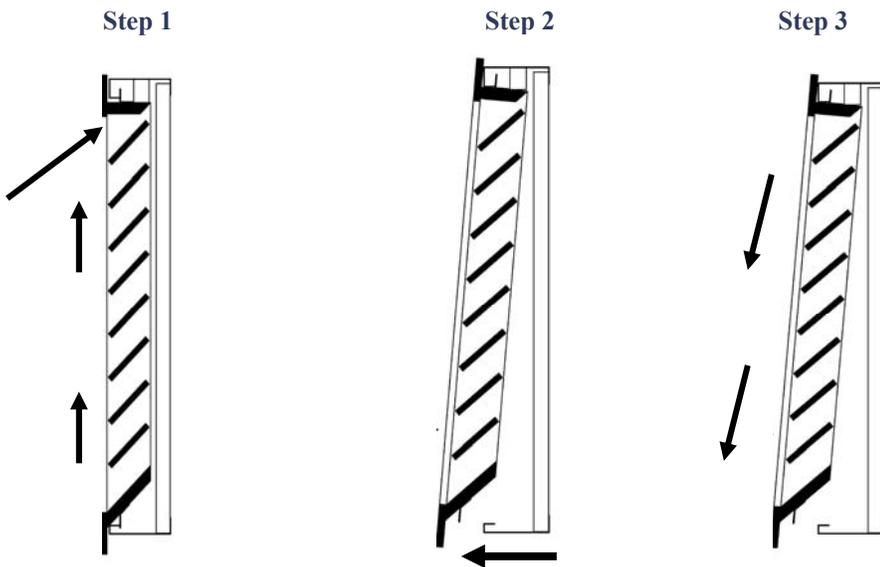
Place your fingers in the center of the grille frame as indicated by the arrow
Squeeze grille against top of metal frame

Step 2

Allow the lower brackets to clear bottom lip of the metal frame
Pull the bottom of the grille out slightly

Step 3

Slide the grille out at a very slight angle



Preparation: Priming & Painting

- Remove or cover metal brackets on the wood grille
- Paint all exposed and concealed areas
- For new construction, size grille per HVAC plans

Precautions

- Always handle with two hands near or at the perimeter of the grille
- DO NOT handle the grille by holding the louvers
- Ensure that the return air opening is sized properly before installing
- Ensure that the screws or nails meet the framing or stud behind the drywall
- Do not force the wooden grille into the metal frame or the return air opening
- Paint (or polyurethane, if staining) 100% of all exposed and concealed surfaces before installing



Installation



Step 1. Remove old metal grille

For remodeling, cut around any existing caulking on your old metal grille. Remove its screws or nails, then simply pull out the entire grille assembly from the opening.



Step 3. Insert filter if required

If your system requires a filter at the return air grille, insert your filter now. Remember - Top Goes in First (TGIF)!



Step 2. Install Magnus metal frame

Insert our metal frame into the prepared opening with the frame flush along the top (side with the spring) of the opening. The side flanges will help ensure a flush mount. Screw the frame into the adjacent wall or ceiling studs.



Step 4. Insert Magnus grille

First insert the top of grille with the brackets just behind the big lip of the frame. TGIF! Ensure brackets are behind the lips on the metal frame.

Troubleshooting Guide

Problem	Cause	Solution
Grille does not lock securely in metal frame	Brackets are not seated behind the lips on the top or bottom parts of the frame	Adjust brackets by loosening screws and sliding to the appropriate position
Installed grille has gap from wall	Brackets are not properly adjusted to pull the grille tight against the wall or ceiling	Adjust brackets by loosening screws and sliding to the appropriate position
Metal frame is bent	Mishandling or applying too much pressure to one specific area of the frame	Using pliers or heavy-duty gloves, bend back the metal to the proper position
Grille exposes a gap between the frame and the drywall opening	Frame was not installed tight against the drywall opening; or the drywall is not straight or smooth	Re-install the frame tight against the top of the opening. If the drywall is uneven, smooth it with a file or sandpaper

Filter Replacement

To replace a filter, simply remove the grille by following Steps 1-3 above in the Preparation section. Follow the same steps to remove the filter. Reverse the process to insert a new filter (remember TGIF! – Top Goes In First!) and re-install the grille.