

## | Grilles – Wall or Ceiling mount

This grille is designed for surface mounting in wall or ceiling applications. Read all instructions before proceeding with installation.

### 1. Opening preparation

- Cut an opening in the wall or ceiling to match the nominal size of the grille.
  - | The opening must be at the right shaped and clean

#### 1.A. Gypsum (Drywall) Applications:

Ensure the opening has solid backing such as studs or blocking.

- If there is no stud where the grille will be mounted:
  - Install blocking or reinforcement using angle iron on two (top/bottom or left/right) or all four sides depending on where mounting mounting holes are.
  - Each angle iron should be approximately 1" to 1.5" longer than the opening width or height.
  - Notch each end of the angle iron to allow proper clearance during installation.

#### 1.B. Reinforcement (Inside Duct or Behind Drywall)

- Place one angle iron on the left and one on the right inside the duct, aligned vertically with the edges of the opening.
- You may also place reinforcement above and/or below the opening as needed.
- Ensure the angle iron extends equally beyond the edges on both sides of the opening.
- Fasten each angle using 3 or 4 sheet metal screws (by others).
- Pre-drill pilot holes in the angle irons if needed to avoid deformation during screw placement.

### 2. Fastening the grille

- Identify whether the grille's mounting holes are located along the length or width of the frame.
- Based on this, mark corresponding pilot hole locations on the wall or ceiling using a pencil.
- Drill pilot holes that align precisely with the grille's mounting holes.
  - | Optional: If additional holding strength is needed, install drywall anchors, toggle bolts, or wall plugs (by others) suitable for the surface type.
- Position the grille over the opening.
- Insert and tighten the screws through the grille's mounting holes and into the previously drilled pilot holes (or anchors).
- Ensure the grille is centered, level, and flush against the wall or ceiling surface.

### 3. Final checks

- Confirm that the grille is securely mounted and that all screws are tight.
- Verify that the grille is mounted securely and sits flush with the wall or ceiling.
- Confirm that airflow is unobstructed and centered within the duct.

### 4. Maintenance

- Clean the grille periodically using a soft cloth and mild soap solution.
- Do not use abrasive materials or harsh solvents.
- For removable-core grilles (if applicable), follow product-specific removal instructions for cleaning.