

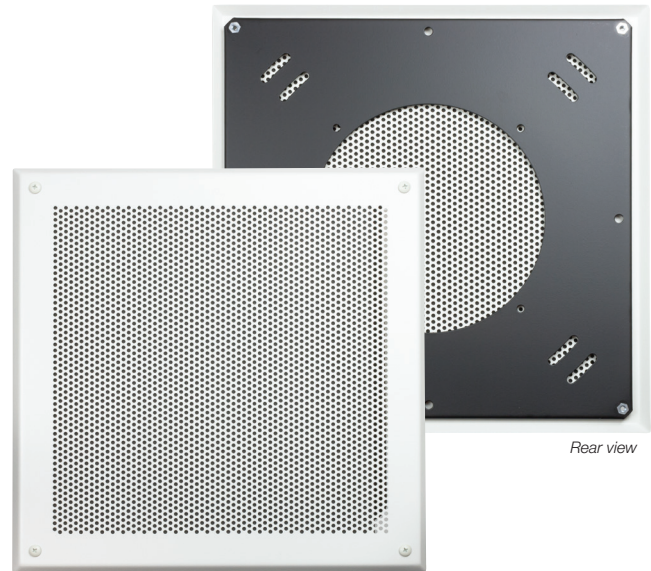
Model No.

FW-8

Square Grille for 8-inch Speaker

INCLUDES:

- Steel screw-mount grille with subplate
- Hardware



STEEL, SCREW-MOUNT GRILLE for 8-inch E.I.A. speakers features beveled edges, perforated center and white powder epoxy finish. Includes a separate subplate that direct-mounts an 8-inch speaker and enclosure. The direct-mount method allows a high quality 8-inch speaker with substantial motor structure weight to be supported by the subplate instead of the grille.

FEATURES

CONSTRUCTION: One-piece perforated 18-gauge U.S. steel grille with beveled edges and white powder epoxy finish. Includes a separate 21-gauge steel subplate with black powder epoxy finish.

DIMENSIONS: 13-inch square overall.

MOUNTING PROJECTION: 0.313-inch

MOUNTING BOLT CIRCLE (SUBPLATE): 12.8-inch diameter and 11.25-inch diameter

SPEAKER MOUNTING BOLT CIRCLE: 7.68-inch diameter

CENTER HOLE (SUBPLATE): 6.875-inch diameter

COUNTRY OF ORIGIN: U.S.A.

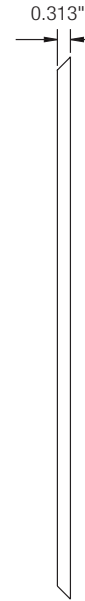
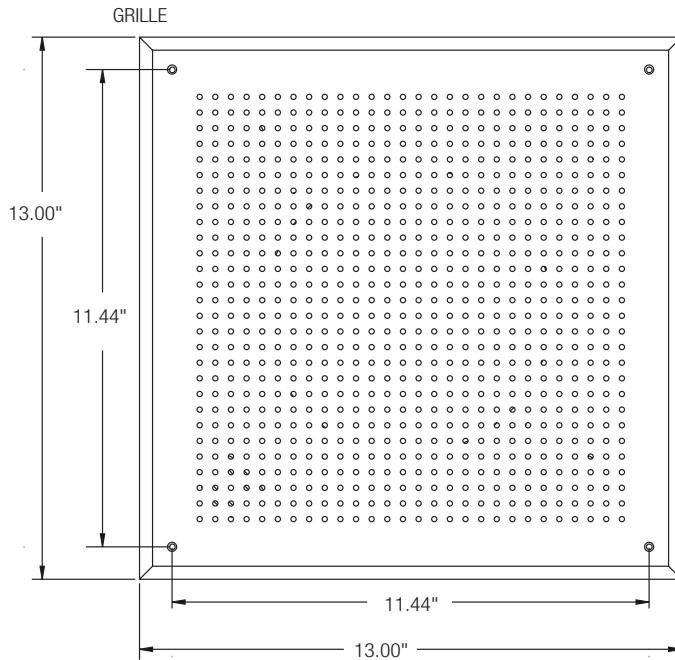
HARDWARE:

- (4) 8-32 x 3/4-inch black oxide screws with nuts to mount a speaker to the subplate.
- (4) 8-32 x 2-inch black oxide screws to mount the speaker/subplate assembly to an enclosure, which allows a high quality speaker with substantial motor structure weight to be supported by the enclosure instead of the grille.
- (4) 8-32 x 3/4-inch white screws plus (4) 8-32 x 3/8-inch white screws. Either set can be used to mount the non-loadbearing grille to the subplate.

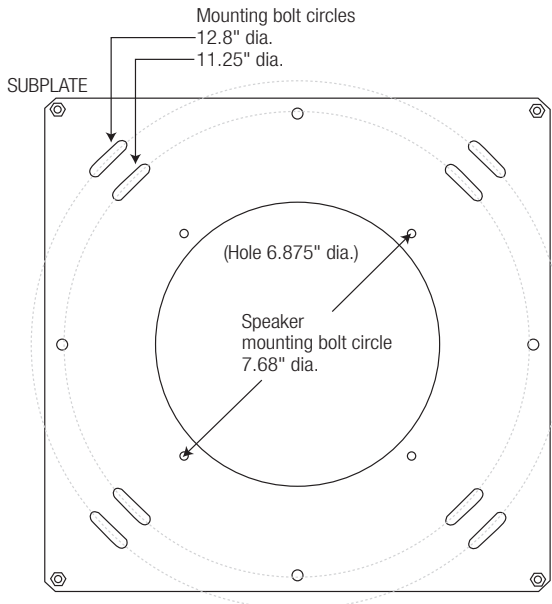
A&E SPECIFICATIONS:

The grille for use with an 8-inch E.I.A. speaker shall be Lowell model FW-8, which shall be 18-gauge steel with white powder epoxy finish, perforated center and beveled edges. It shall include a black steel subplate with mounting bolt circles of 12.8-inch diameter and 11.25-inch diameter. The non-loadbearing grille shall be designed to mount to the subplate with four white screws, while the subplate shall direct-mount to the enclosure. Overall grille dimensions shall be 13-inch square with mounting projection of 0.313-inches.

DRAWINGS



Note: Grille perforation pattern is shown for illustration only and may not reflect actual perforation pattern or dimensions.



PERFORMANCE NOTE:

The black steel subplate includes slots to allow it to be mounted to enclosures with two different mounting centers, and the curved slots allow the orientation of the subplate to be adjusted, even if the installation of the enclosure was not perfectly straight. It is important to note that those open slots can result in loss of low frequency response. For critical applications where superior low frequency response is required, Lowell recommends that the installer seal the curved slots with a durable tape or sealant, after the subplate has been mounted.

WARNING! Speaker installation should only be performed by experienced qualified professionals with knowledge of load-rated hardware and safe installation, mounting, and rigging techniques. Improperly installed equipment can result in property damage, personal injury, death, and/or liability to the installing contractor. The speaker system must be mounted in accordance with all local, state, and federal codes and regulations and the installation must conform to industry standard practices. It is the responsibility of the installer to furnish all installation hardware, rigging hardware, and safety or restraint cables to be used. Before installation, it is the responsibility of the installer to consult a licensed mechanical or structural engineer to evaluate and certify the structural integrity and safety of any mounting method and the suitability of that method to be used to mount the loudspeaker to the building structure in this particular installation. Lowell Manufacturing is not responsible for the use, misuse, misapplication, or unsafe installation of this loudspeaker product.

MODEL FW-8 COMPATIBLE COMPONENTS (ORDER SEPARATELY)

Note: Grilles are designed to work with speakers, enclosures, and mounting accessories listed on this specification sheet. Using the grille to install speakers without a metal enclosure may not meet the requirements of all local and national electrical and building codes. The installer should request approval of the installation method from the Authority Having Jurisdiction (AHJ) before installing the speaker system.

Application (with enclosure)	Speaker	Enclosure	Mounting Aids
Surface-mount	8-inch E.I.A.	CB84A, CB86A	-----
Recessed in tile ceiling	8-inch E.I.A.	P68XA, P68XA-6	SS24, SS30, SS48 tile support rails (or custom hardware)
Recessed before drywall is installed	8-inch E.I.A.	P68XA, P68XA-6	SS24, SS30, SS48 support rails to span ceiling structural members (or custom hardware)
Recessed retrofit in existing drywall	8-inch E.I.A.	P68XA, P68XA-6	SS9 retrofit rails (or custom hardware)

Note: Robust coaxial speakers (ex. Lowell 8A50 or 8P100), will require a large volume enclosure with depth greater than 4-inches.

FW SERIES OVERVIEW

Model No.	Grille	For Driver Size	Grille Type	Grille Dimensions	Mounting Projection	Mounting Bolt Pattern (subplate)	Speaker Mounting Bolt Circle (subplate)	Center Hole (subplate)
FW-8	Square	8"	screw-mount	13" square	0.313"	7.68" diameter	11.25" diameter & 12.8" diameter	6.875" diameter
FW-8T	Square	8"	torsion	13" square	0.313"	7.68" diameter	-----	-----
FW-12	Square	12"	screw-mount	15.25" square	0.375"	16.6" diameter	11.6" diameter	10.5" diameter
FW-12Q	Square	12"	screw-mount	15.25" square	0.375"	12.98" square	11.625" diameter	10.5" diameter

THIS SPEC