

Model No.

8XD4 Series

Recessed Steel Enclosures for 8" Speakers

INSTALLATION TYPE: Recessed
FOR SPEAKER SIZE: 8" EIA
FOR GRILLE TYPE: Screw-mount



Tapered steel enclosure with white powder coat finish is ideal for recessed installation of a standard 8" EIA speaker and a screw-mount grille (ordered separately). The enclosure also features knockouts and a foam pad to help reduce acoustic or mechanical resonance.



When used with approved speaker assemblies.*

FEATURES:

CONSTRUCTION: USA-certified steel with white powder coat finish.

DIAMETER: Can diameter tapers from 10" to 8.375" (overall dia. 11.875").

DEPTH: 4"D

VOLUME: 0.147 cu.ft.

LINING: Polyurethane foam disc helps reduce acoustic or mechanical resonance.

MOUNTING HARDWARE: Factory-installed 8-32 retaining clips can be used to mount a standard screw-mount grille.

- **8XD4-S:** Also includes two flexible perforated straps that can be used with seismic-restraint cables or when enclosure is suspended in open architecture.

KNOCKOUTS (model specific):

- **8XD4 and 8XD4-S:** Feature one planished (1/2") knockout on top and four combination (1/2"-3/4") side knockouts placed at 90-degree intervals.
- **8XD4-P:** Features one planished (1/2") knockout on top to preserve leak-free integrity of enclosure in return air plenums.

CERTIFICATION & COMPLIANCE: Trade Agreements Act (TAA) compliant. Buy American Act (BAA) compliant. UL Listed with approved speaker assemblies.

COUNTRY: Made in USA

COMPATIBLE COMPONENTS (order separately):

Speakers: Standard 8" EIA speaker with magnet weight not more than 12oz. and transformer with taps not more than 8W. *Not for use with robust 8" coaxial speakers, such as Lowell 8A50, which will require a larger volume enclosure with depth greater than 4"*

Grilles (screw-mount): A8-AW, CS-8H, RS8-AW, WB-8

Driver+Grille Assemblies: C1830-870, R1810-72*, R1810-72K*, R1810-72S*, R7810-72

Tile Bridges: LBS8, LBS8-R1

When installed in a suspended tile ceiling, the use of a tile-bridge is recommended to transfer the weight of speaker assembly to ceiling grid.



* UL approved driver + grille speaker assemblies.





A&E SPECIFICATIONS:

The recessed speaker enclosure shall be Lowell Model _____, as specified. The enclosure shall be fabricated of USA-certified steel with a white powder coat finish. It shall feature a tapered can design measuring 10" diameter at the flange, 8.375" can diameter, and 4" depth. The enclosure shall feature one planished 1/2" top knockout and include a polyurethane foam disc. It shall be TAA and BAA compliant, and UL Listed when used with approved speaker assemblies.

Model 8XD4: Shall feature four additional combination 1/2"-3/4" side knockouts spaced at 90-degree intervals.

Model 8XD4-S: Shall feature four additional combination 1/2"-3/4" side knockouts spaced at 90-degree intervals. It shall include two flexible perforated mounting straps for use with seismic-restraint cables or suspension in open architecture installations.

Model 8XD4-P: No additional side knockouts or mounting straps.

SERIES SUMMARY

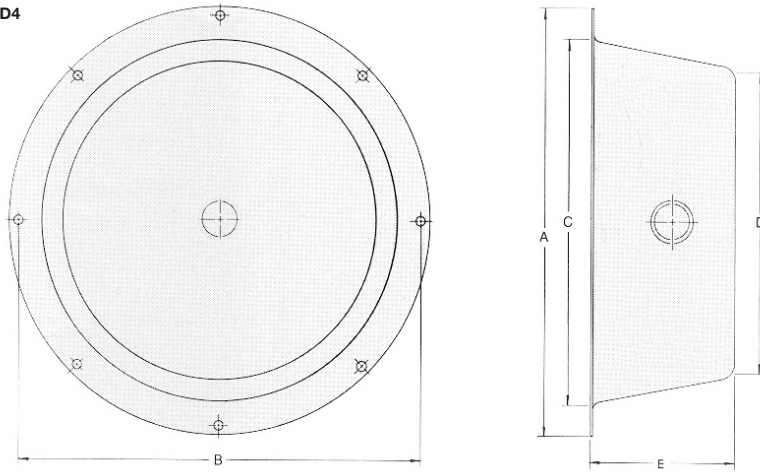
Model No.	For Speaker Size	For Grille Type	(A) Overall Diameter	(B) Mounting Bolt Circle	(C to D) Tapered Can Diameter	(E) Depth	Volume (cu.ft.)	Lining	Conduit Knockouts	Straps
8XD4	8"	Screw	11.875"	11.25"	10" to 8.375"	4"	0.147	Foam pad	5 (top/sides)	---
8XD4-S	8"	Screw	11.875"	11.25"	10" to 8.375"	4"	0.147	Foam pad	5 (top/sides)	2
8XD4-P	8"	Screw	11.875"	11.25"	10" to 8.375"	4"	0.147	Foam pad	1 (top)	---

NOTE: 8XD4 Series recessed enclosures are UL listed when used with approved speaker assemblies.

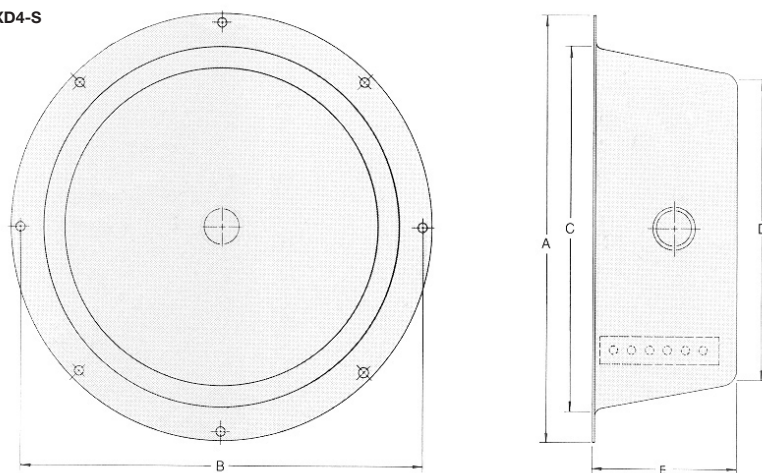
TECHNICAL DRAWINGS

Dimensions are inches and [mm] unless stated otherwise.

8XD4



8XD4-S



8XD4-P

