

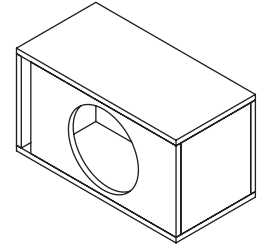


12W6v3-D4 Ported Enclosure Design

Technical Bulletin

The W6v3 subwoofer drivers represent a significant leap forward in performance and installation flexibility over their highly regarded predecessors. To realize the full potential and achieve optimum performance with the W6v3s, it is important to understand how they differ from the v2s. By design, the optimum enclosure for a W6v3 is much smaller than the equivalent W6v2 model. If you place the v3 into an enclosure optimized for a v2, the resulting in-car frequency response might sound bottom-heavy, sloppy and / or lacking in impact.

For this reason, **please avoid oversized "universal" pre-fabricated enclosures** and build the correct enclosures for the W6v3s. Alternatively, you can choose one of JL Audio's W6v3 Enclosed Subwoofer Systems, which are built to the correct specifications.



V_b (box volume, net internal):
1.30 cu.ft. / 36.8 liters

F_b (port tuning frequency):
33 Hz

F₃ (-3dB frequency):
31 Hz

External Width (W):
27 in / 686 mm

External Height (H):
14 in / 356 mm

External Depth (D):
12 ½ in / 318 mm

Internal Slot Port Width (SW):
1 ¾ in / 44 mm

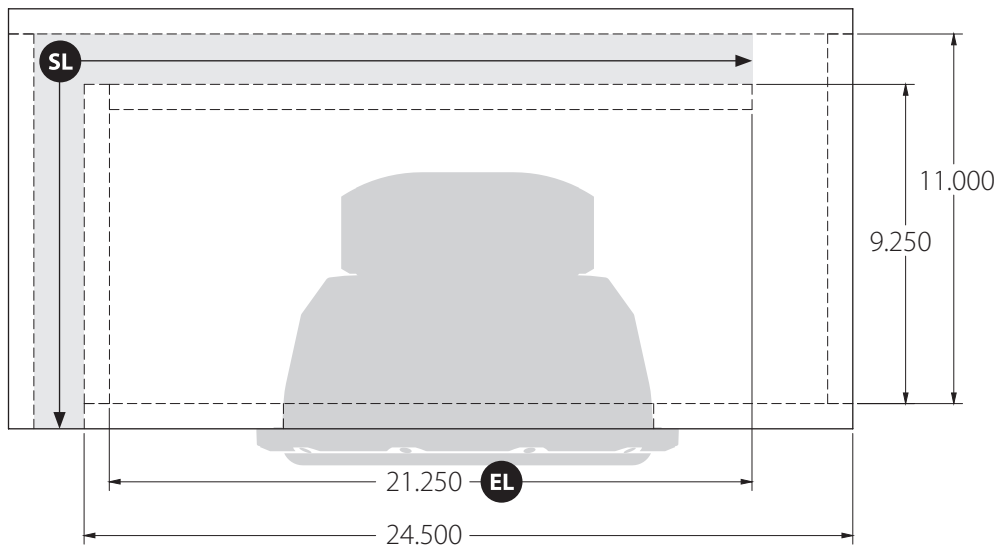
Internal Slot Port Height (SH):
12 ½ in / 318 mm

Internal Slot Port Depth (SL):
37 ⅞ in / 943 mm

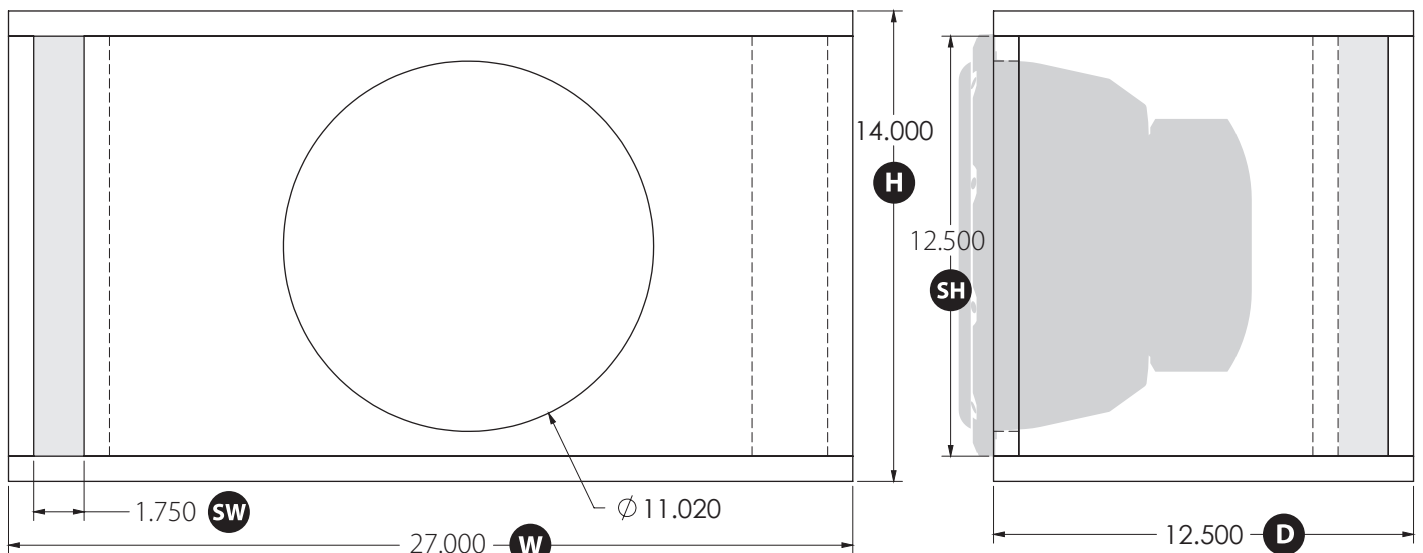
Port Extension Length (EL):
21 ¼ in / 540 mm

Wall Thickness:
¾ in / 19 mm

Front Baffle Thickness:
¾ in / 19 mm



TOP VIEW



FRONT VIEW

SIDE VIEW