

EPA-C30 12

12" High power pro audio mid/bass or woofer. Good for small sealed or vented designs.



SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	450 W
Music Program	900 W
Resonance	50 Hz
Usable Frequency Range	70 Hz – 3 kHz
Sensitivity***	96.7 dB
Magnet Weight	80 oz.
Gap Height	0.39", 9.9 mm
Voice Coil Diameter	3", 76 mm

THIELE & SMALL PARAMETERS*

Fs	50 Hz
Re	6.4 Ω
Le	1.03 mH
Qms	6.55
Qes	0.39
Qts	0.37
Vas	2.58 cu.ft., 72.95 liters
Vd	157.8 cc
Cms	0.19 mm/N
BL	16.6 T-M
Mms	53 grams
EBP	128
Xmax	3 mm
Sd	525.9 cm ²
Xlim	8.5 mm

MOUNTING INFORMATION

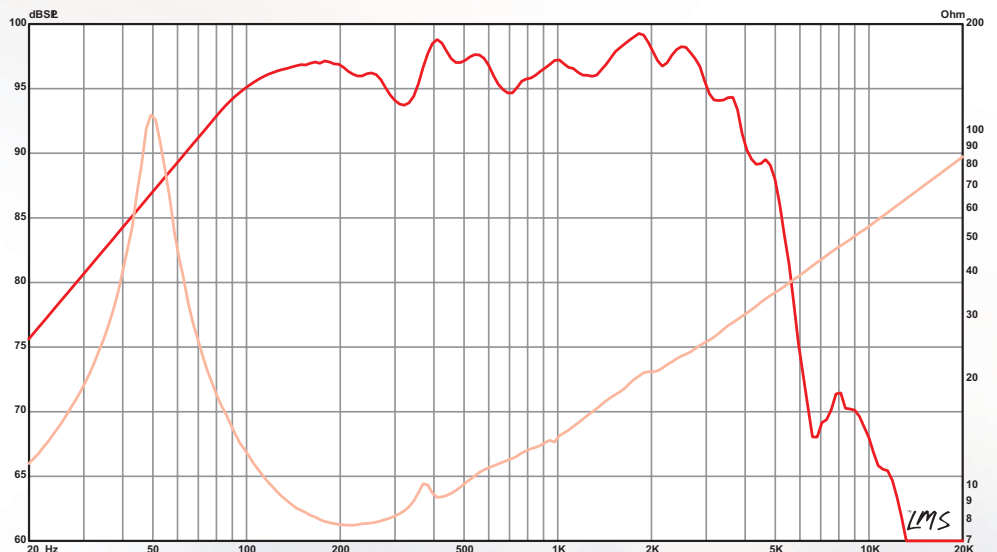
Recommended Enclosure Volume	
Sealed	25.49–62.3 liters, 0.9–2.2 cu.ft.
Vented	36.81–63.71 liters, 1.3–2.25 cu.ft.
Driver Volume Displaced	0.09 cu.ft., 2.55 liters
Overall Diameter	12.38", 314.5 mm
Baffle Hole Diameter	11.06", 280.9 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	11.69", 296.9 mm
Depth	5.57", 141.5 mm
Net Weight	16.82 lbs, 7.63 kg
Shipping Weight	18.23 lbs, 8.27 kg

MATERIALS OF CONSTRUCTION

- _____ Copper voice coil
- _____ Polyimide former
- _____ Ferrite magnet
- _____ Vented core
- _____ Cast aluminum basket
- _____ Curved paper cone
- _____ Sealed cloth cone edge
- _____ Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*





From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.

MISSION STATEMENT

Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.

FOOTNOTES

- * Please consult www.eminence.com or www.eminence.com.cn for specifications of models with alternative impedances.
- ** Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment.
- *** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.



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