

### AMERICAN STANDARD SERIES

# **DELTA-12A**

Recommended for professional audio as a mid-bass or woofer (with high-pass filter) in vented enclosures.



#### **SPECIFICATION**

#### THIELE & SMALL PARAMETERS\*

#### MOUNTING INFORMATION

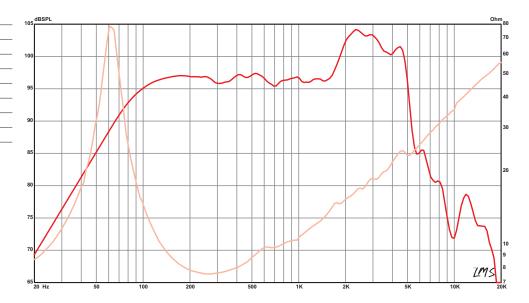
Nominal Basket Diameter	12.0", 305 mm	Fs	55 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	6.30 Ω	Sealed	
Power Rating**		Le	0.74 mH		
Watts	400 W	Qms	5.27	Vented	25.50–85.00 liters,
Music Program	800 W	Qes	0.46		0.90-3.00 cu.ft.
Resonance	55 Hz	Qts	0.43	Driver Volume Displaced	0.079 cu.ft., 2.25 liters
Usable Frequency Range	54 Hz – 5.0 kHz	Vas	2.87 cu.ft., 81.30 liters	Overall Diameter	12.03", 305.6 mm
Sensitivity***	98.3 dB	Vd	125.0 cc	Baffle Hole Diameter	11.07", 281.2 mm
Magnet Weight	56 oz.	Cms	0.21 mm/N	Front Sealing Gasket	Yes
Gap Height	.375", 9.5 mm	BL	13.50 T-M	Rear Sealing Gasket	Yes
Voice Coil Diameter	2.5", 64 mm	Mms	39 grams	Mounting Holes Diameter	0.25″, 6.4 mm
		EBP	120	Mounting Holes B.C.D.	11.59″, 294.4 mm
		Xmax	2.40 mm	Depth	5.35", 135.9 mm
		Sd	519.5 cm2	Net Weight	11.40 lbs , 5.17 kg
		Xlim	9.9 mm	Shipping Weight	13.50 lbs , 6.12 kg

#### MATERIALS OF CONSTRUCTION

Aluminum voice coil
Polyimide former
Ferrite magnet
Vented core
Pressed steel basket
Paper cone
Cloth cone edge
Solid composition felt dust cap



#### FREQUENCY RESPONSE & IMPEDANCE CURVE<sup>\*</sup>





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 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).
- \*\*\*\* BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.
- \*\*\*\*\* Multiple units exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperaturecontrolled environment.
- \*\*\*\*\*\*The average on axis output across the entire 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 | 2ft x 2ft baffle is built into the wall with horn front mounted | 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.





