

AMERICAN STANDARD SERIES

DELTA-15LFA

Low frequency woofer for pro audio as a midbass or floor monitor in a sealed enclosure. Also suitable as a woofer in vented bass guitar or PA enclosures.

- 1000 W Program Power
- 15" Nominal Diameter
- 8 or 4 Ω

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input checked="" type="checkbox"/>
Midbass	<input checked="" type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input checked="" type="checkbox"/>	Scoop Loading	<input type="checkbox"/>
Subwoofer	<input checked="" type="checkbox"/>	Horn Loading	<input type="checkbox"/>
Bass Guitar	<input checked="" type="checkbox"/>		

SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	1000 W
Nominal Power	500 W
Resonance	39 Hz
Usable Frequency Range	42 Hz – 3.2 kHz
Sensitivity*	96 dB
Magnet Weight	56 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	2.5", 64 mm

MATERIALS OF CONSTRUCTION

Copper voice coil
Polyimide former
Ferrite magnet
Vented and extended core
Pressed steel basket
Paper cone
Cloth cone edge
Solid composition paper dust cap



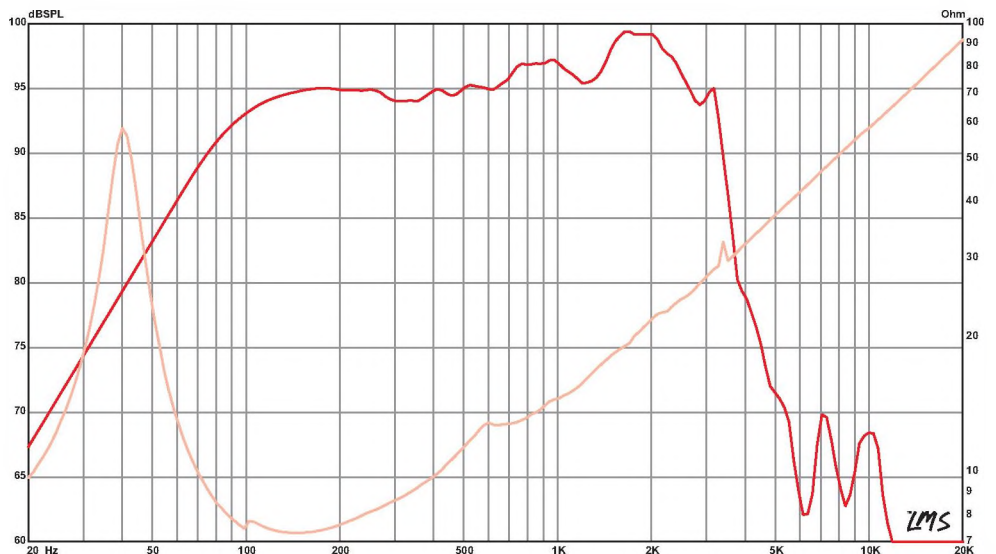
THIELE & SMALL PARAMETERS

Fs	39 Hz
Re	6.11 Ω
Le	1.37 mH
Qms	6.3
Qes	0.52
Qts	0.48
Vas	8.51 cu.ft., 241 liters
Vd	419 cc
Cms	0.23 mm/N
BL	14.6 T-M
Mms	75 grams
EBP	75
Xmax	4.8 mm
Sd	873 cm ²
Xlim	16.5 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	36.8–42.5 liters, 1.3–1.5 cu.ft.
Vented	85–167 liters, 3–5.9 cu.ft.
Driver Volume Displaced	0.128 cu.ft., 3.62 liters
Overall Diameter	15.15", 384.8 mm
Baffle Hole Diameter	13.87", 352.3 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	14.56", 369.8 mm
Depth	6.3", 160 mm
Net Weight	12.8 lbs., 5.81 kg
Shipping Weight	14.8 lbs., 6.71 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.