

## AMERICAN STANDARD SERIES

# KAPPA-15LFA

Low frequency woofer for pro audio in a vented midbass or bass enclosure. Also suitable for bass guitar.

- 1200 W Program Power
- 15" Nominal Diameter
- 8  $\Omega$

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input 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 checked="" type="checkbox"/>
Bass Guitar	<input checked="" type="checkbox"/>		

### SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 $\Omega$
Power Rating*	
Program Power	1200 W
Nominal Power	600 W
Resonance	39 Hz
Usable Frequency Range	38 Hz – 2.7 kHz
Sensitivity*	99 dB
Magnet Weight	95 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	3", 76 mm

### MATERIALS OF CONSTRUCTION

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



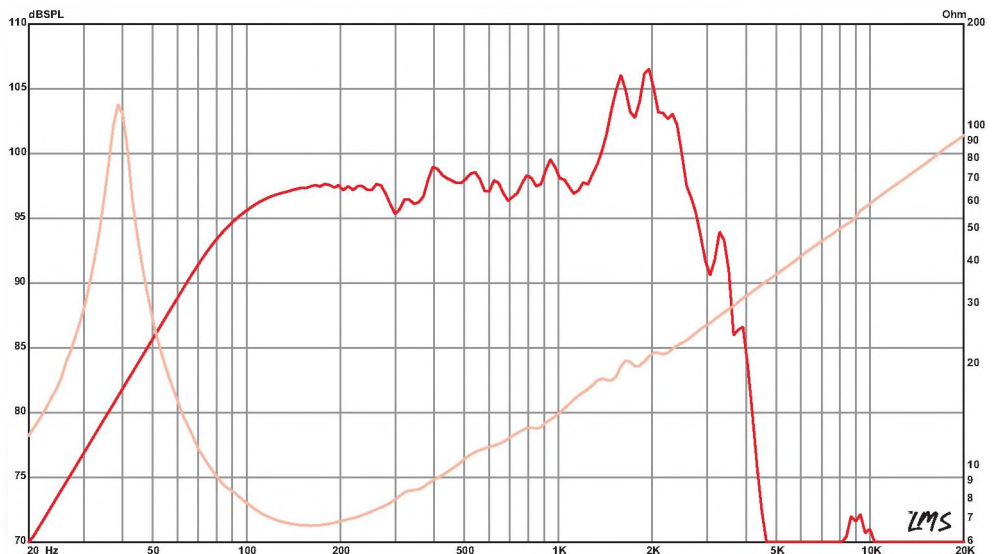
### THIELE & SMALL PARAMETERS

Fs	39 Hz
Re	5.4 $\Omega$
Le	1.27 mH
Qms	6.08
Qes	0.41
Qts	0.38
Vas	5.62 cu.ft., 159 liters
Vd	471 cc
Cms	0.15 mm/N
BL	18.6 T-M
Mms	105 grams
EBP	95
Xmax	5.5 mm
Sd	856.3 cm <sup>2</sup>
Xlim	10.4 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	62–193 liters, 2.2–6.8 cu.ft.
Driver Volume Displaced	0.145 cu.ft., 4.12 liters
Overall Diameter	15.16", 385.1 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	6.38", 162.1 mm
Net Weight	20 lbs., 9.07 kg
Shipping Weight	22.3 lbs., 10.12 kg

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



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