

AMERICAN STANDARD SERIES

KAPPA-12A

Recommended for professional audio as a mid/hi or full range in a vented enclosure.

- 900 W Program Power
- 12" Nominal Diameter
- 8 Ω



APPLICATION		ENCLOSURE	
Midrange	<input checked="" 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 type="checkbox"/>	Horn Loading	<input checked="" type="checkbox"/>
Bass Guitar	<input type="checkbox"/>		

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	900 W
Nominal Power	450 W
Resonance	45 Hz
Usable Frequency Range	62 Hz – 4.2 kHz
Sensitivity*	99.3 dB
Magnet Weight	80 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	3", 76 mm

THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	5.41 Ω
Le	0.77 mH
Qms	7.76
Qes	0.28
Qts	0.27
Vas	3.96 cu. ft., 112.1 liters
Vd	166 cc
Cms	0.3 mm/N
BL	15.2 T-M
Mms	42 grams
EBP	161
Xmax	3.2 mm
Sd	519.5 cm ²
Xlim	11.5 mm

MOUNTING INFORMATION

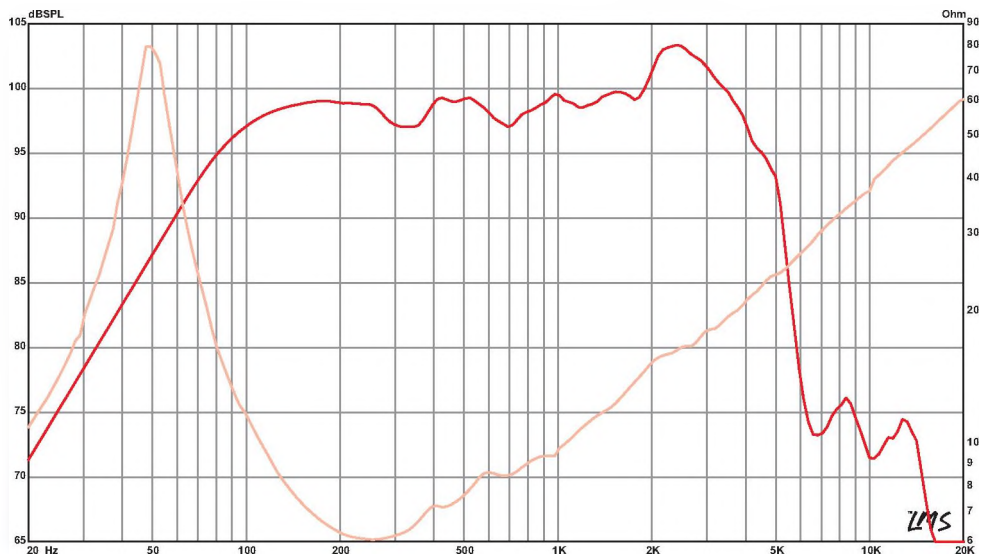
Recommended Enclosure Volume	
Sealed	N/A
Vented	34–62 liters, 1.2–2.2 cu. ft.
Driver Volume Displaced	0.09 cu. ft., 2.55 liters
Overall Diameter	12.26", 311.4 mm
Baffle Hole Diameter	11", 279.4 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.71", 297.4 mm
Depth	5.63", 143 mm
Net Weight	14.9 lbs., 6.76 kg
Shipping Weight	17.9 lbs., 8.12 kg

MATERIALS OF CONSTRUCTION

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



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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