



# EPA-CHP30 18LF

**18"** High power pro audio subwoofer with long Xmax and large motor to ensure deep distortion-free bass.



## SPECIFICATION

Nominal Basket Diameter	18", 457 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	700 W
Music Program	1400 W
Resonance	34 Hz
Usable Frequency Range	35 Hz – 0.6 kHz
Sensitivity***	99 dB
Magnet Weight	120 oz.
Gap Height	0.39", 9.9 mm
Voice Coil Diameter	3", 76 mm

## THIELE & SMALL PARAMETERS\*

Fs	34 Hz
Re	6.4 Ω
Le	1.43 mH
Qms	10.55
Qes	0.34
Qts	0.33
Vas	13.61 cu.ft., 385.28 liters
Vd	688 cc
Cms	0.2 mm/N
BL	21.2 T·M
Mms	112 grams
EBP	99
Xmax	5.8 mm
Sd	1178 cm <sup>2</sup>
Xlim	12.2 mm

## MOUNTING INFORMATION

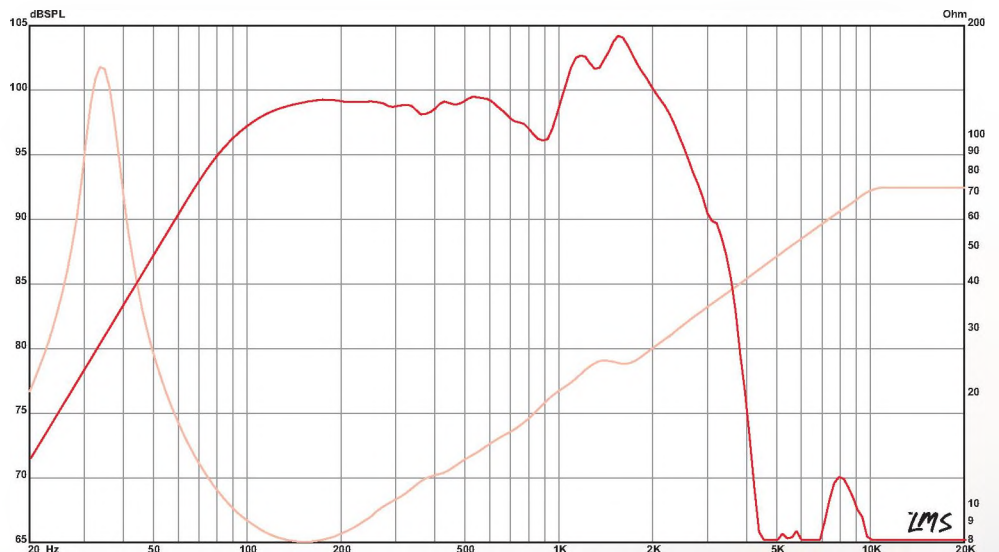
Recommended Enclosure Volume	
Sealed	N/A
Vented	85–311 liters, 3–11 cu.ft.
Driver Volume Displaced	0.24 cu.ft., 6.8 liters
Overall Diameter	18", 457.2 mm
Baffle Hole Diameter	16.6", 421.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	17.25", 438.2 mm
Depth	7.91", 200.9 mm
Net Weight	25.13 lbs , 11.4 kg
Shipping Weight	28.79 lbs , 13.06 kg

## MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented w/extended core and bumped backplate
- Cast aluminum basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



## FREQUENCY RESPONSE & IMPEDANCE CURVE\*



\* See footnotes on page 15 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.