

Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	125W
Music Program	
Resonance	41Hz
Usable Frequency Range***	47Hz-4.2kHz
Sensitivity	97.7
Magnet Weight	20oz
Gap Height	.24", 5.99mm
Voice Coil Diameter	1.5", 38.1mm

Thiele & Small Parameters

Resonant Frequency (fs)	41Hz
DC Resistance (Re)	6.7
Coil Inductance (Le)	.68mH
Mechanical Q (Qms)	3.48
Electromagnetic Q (Qes)	1.19
Total Q (Qts)	0.89
Compliance Equivalent Volume (Vas)	272.17 ltr./9.61cuft
Peak Diaphragm Displacement Volume (Vd)	280.20cc
Mechanical Compliance of Suspension (Cms)	.25mm/N
BL Product (BL)	9.3 T-M
Diaphragm Mass inc. Airload (Mms)	59.2 grams
Efficiency Bandwidth Product (EBP)	35
Maximum Linear Excursion (Xmax)	3.2mm
Surface Area of Cone (Sd)	881.2cm ²
Maximum Mechanical Limit (Xlim)	6.5mm

Mounting Information

Recommended Enclosure Volume	
Sealed	54-117 liters / 1.9-4.1 cuft
Vented	119-172 liters / 4.2-6.1 cuft
Overall Diameter	15.15", 384.81mm
Baffle Hole Diameter	13.84", 351.54mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	.25", 6.35mm
Mounting Holes B.C.D.	14.56", 369.82mm
Depth	5.62", 142.75mm
Net Weight	5.60 lbs, 2.54 kg
Shipping Weight	

Materials of Construction

Coil Construction	Copper
Coil Former	Polyimide
Magnet Composition	Ferrite
Motor Details	Vented Core Bumped BackPlate
Basket Material	Steel
Cone Composition	Treated Paper
Cone Edge Composition	Sealed Cloth
Dust Cap Composition	Treated Paper





EMINENCE[®]

 DONGGUAN

EPA-S1515

For Medium Power PA, MI, and Pro-Sound. Works well in medium to large sealed cabinets. Can be used in large vented cabinets as well.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

*** The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

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 the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)