UW 1258

Ultimate Woofer,
Ø 12", Ø 5.1" voicecoil, 8Ω

SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	305mmx154.3mm(12"x6.07")
Nominal Power Handling (DIN)	**P**	800W
Transient Power 10ms		3,000W
Sensitivity 2.83V/1M		87 dB SPL
Frequency Response		See graph
Cone Material		Composite cellular fiber
Net Weight	**Kg**	6.3

Electrical Data		
Nominal Impedance	**Z**	8Ω
DC Resistance	**Re**	6.8Ω
Voice Coil Inductance @ 1KHz	**LBM**	1.33mH

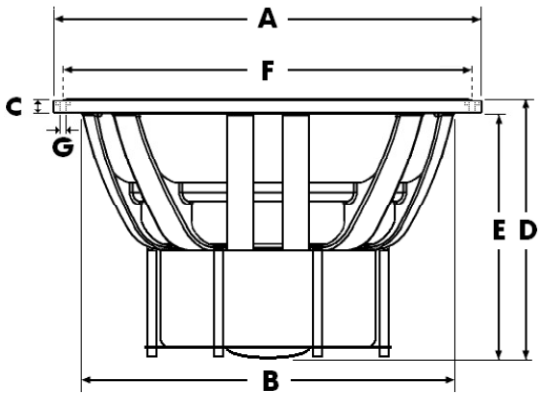
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	130mm (5.1")
Voice Coil Height		37mm (1.45")
HE Magnetic Gap Height	**HE**	12mm (0.47")
Max. Linear Excursion	**X**	± 12.5mm (0.49")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High flux double ferrite vented
B Flux Density	**B**	0.64 T
BL Product	**BXL**	13.67 N.A

T-S Parameters		Small Signal	1 V
Suspension Compliance	**Cms**	0.44 mm/N	
Mechanical Q Factor	**Qms**	1.88	
Electrical Q Factor	**Qes**	0.56	
Total Q Factor	**Qts**	0.43	
Mechanical Resistance	**Rms**	8.15 Kg/s	
Moving Mass	**Mms**	105.49 g	
Eq. Cas Air Load (liters)	**VAS**	138.38 Lt	
Resonant Frequency	**Fs**	21 Hz	
Effective Piston Area	**SD**	437 cm ²	

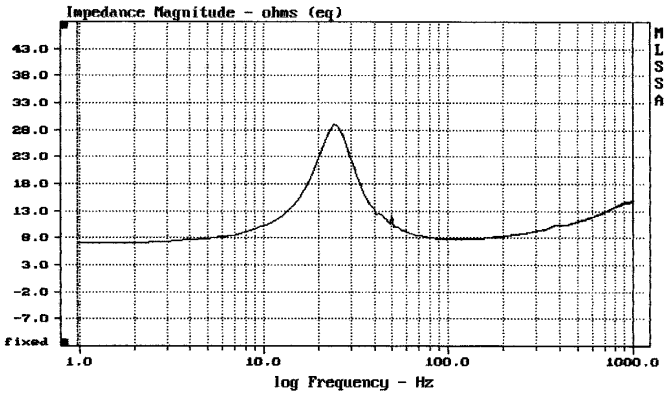
FEATURES

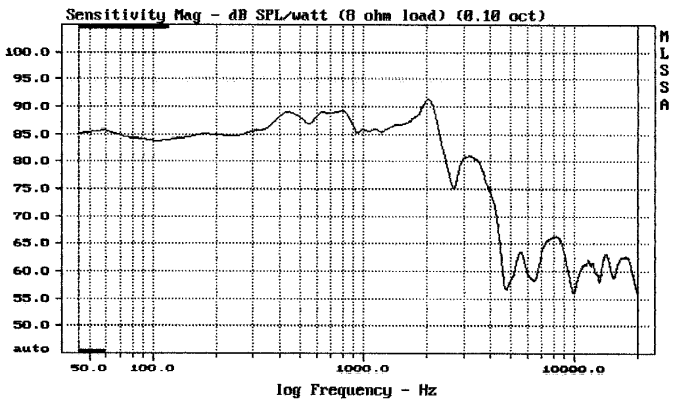
* Uniflow™ Aluminum diecast chassis
* High flux double Ferrite magnet system
* 5.1" Large Hexatech™ Aluminum voice coil
* One piece paper cone/center dome
* Accucenter™ self centering cone assembly
* PFS™ Progression Field Symmetry spider/surround engineering

Unit Dimensions



A - Overall diameter	305mm
B - Cut out diameter	270mm
C - Flange thickness	6.3mm
D - Overall height	154.3mm
E - Basket/magnet depth	148mm
F - Mounting holes location diameter	292mm
G - 6 Mounting holes, at 60º interval, inner hole diameter	Ø 6mm
pocket	h 1.5mm, Ø 11mm





Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.