

KEY FEATURES

- Excellent power handling (600 W RMS)
- High sensitivity (97 dB)
- Designed for subwoofer applications

TECHNICAL SPECIFICATIONS

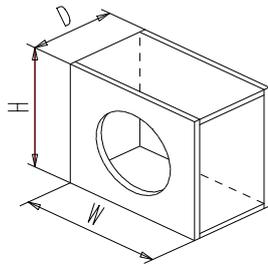
Nominal diameter	380 mm. 15 in.
Nominal impedance	4 ohms
Power handling / Max. power	600 W RMS / 1800 W
Sensitivity	97 dB 1w @ 1m
Frequency range	35 - 1000 Hz
Voice coil diameter	100 mm. 4 in.
Bl factor	17.5 N/A
Moving mass	0.134 Kg.

THIELE-SMALL PARAMETERS

Resonance frequency, f_s	30 Hz
D.C. resistance, R_e	4.4 ohms.
Mechanical quality factor, Q_{ms}	6.13
Electrical quality factor, Q_{es}	0.37
Total quality factor, Q_{ts}	0.35
Equivalent air volume to C_{ms} , V_{as}	240 l
Efficiency, η (%)	1.8
Effective surface area, S_d	910 cm ²
Maximum displacement, X_{max}	9 mm.
Displacement volume, V_d	819 cm ³
Voice coil inductance, L_e @ 1 kHz	1.8 mH

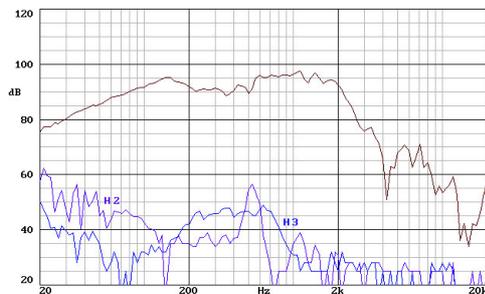
CLOSED BOX

Vol = 55 liters 1.94 ft³
 H = 490 mm. 19.29 in.
 W = 560 mm. 22.05 in.
 D = 270 mm. 10.63 in.
 Wall thickness = 19 mm. 0.75 in.



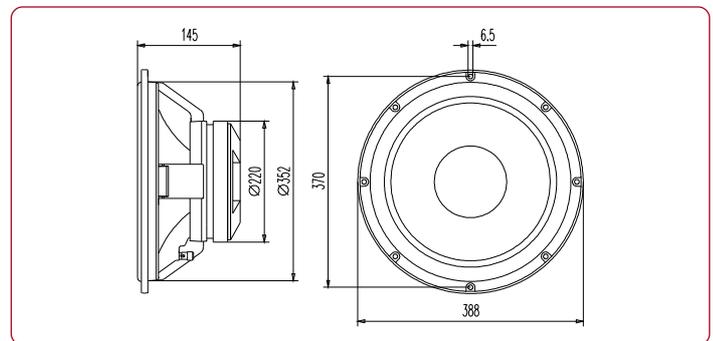
Note: the dimensions are external

FREQUENCY RESPONSE



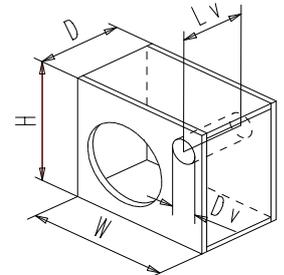
Note: on axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1w @ 1m.

DIMENSION DRAWINGS



VENTED BOX

Vol = 65 liters 2.30 ft³
 H = 490 mm. 19.29 in.
 W = 660 mm. 25.98 in.
 D = 270 mm. 10.63 in.
 Wall thick. = 19 mm. 0.75 in.
 No. of vents = 1
 Dv = 100 mm. 3.94 in.
 Lv = 151 mm. 5.95 in.



Note: the dimensions are external

FREE AIR IMPEDANCE

