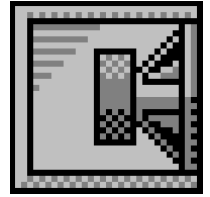


Custom Vented Box Design

By Poweraudio SRL, SC PowerAudio SRL



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 107.3 liters

Fb = 50.68 Hz

Fill = minimal

--Vents--

No. of Vents = 2

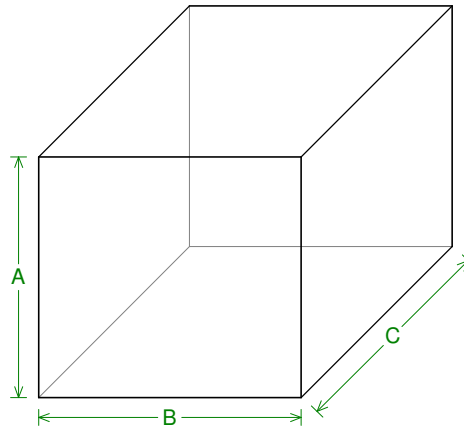
Vent shape = rectangle

Vent ends = one flush

Hv = 160 mm

Wv = 160 mm

Lv = 400 mm



--External Dimensions--

A = 550 mm

B = 600 mm

C = 650 mm

--Internal Dimensions--

A = 454 mm

B = 504 mm

C = 554 mm

--Wall Thickness--

Front = 48 mm

Side = 48 mm

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 35.16 Hz

Qms = 9.56

Vas = 170.9 liters

Xmax = 11.5 mm

Sd = 1158 sq.cm

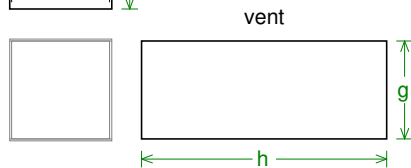
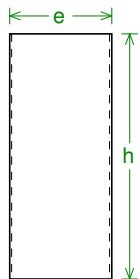
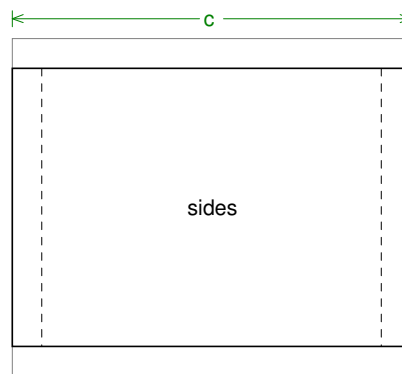
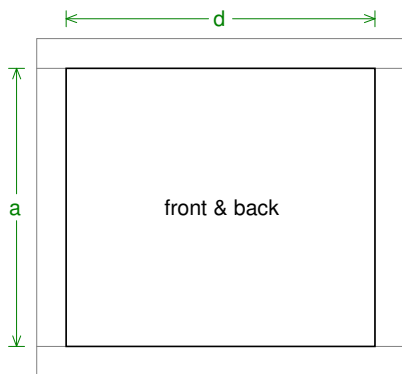
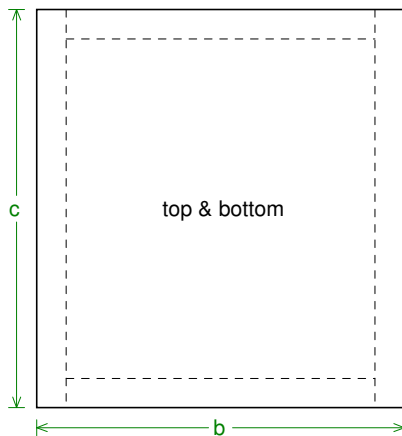
Qes = 0.296

Re = 5.2 ohms

Le = 1.92 mH

Z = 8 ohms

Pe = 1300 watts



Box Parts

--Square Prism Box Parts--

- 1 Top, 1 Bottom: depth (c) = 650 mm
width (b) = 600, thickness = 48 mm
- 1 Front, 1 Back: height (a) = 454 mm
width (d) = 504, thickness = 48 mm
- 2 Sides: height (a) = 454 mm
depth (c) = 650, thickness = 48 mm

--Vent Parts--

- 2 Tops, 2 Bottoms:
width (e) = 166.4, length (h) = 400 mm
thickness = 3.175 mm
- 4 Sides:
height (g) = 160, length (h) = 400 mm
thickness = 3.175 mm

--Driver Mounting-- Mounting:



Wiring Diagram

