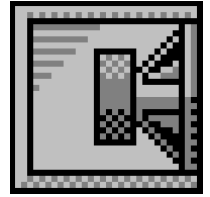


Custom Vented Box Design

By Poweraudio SRL, SC PowerAudio SRL



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 132 liters

Fb = 38.86 Hz

F3 = 32.09 Hz

Fill = minimal

--Vents--

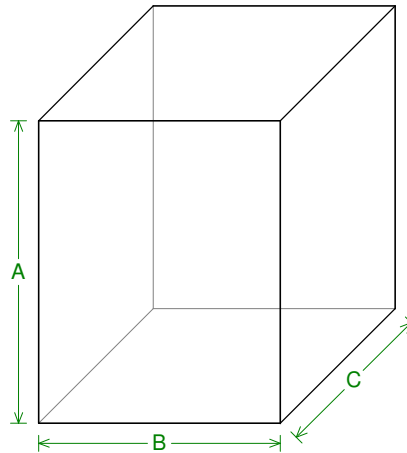
No. of Vents = 3

Vent shape = round

Vent ends = one flush

Dv = 106 mm

Lv = 300 mm



--External Dimensions--

A = 700 mm

B = 559 mm

C = 500 mm

--Internal Dimensions--

A = 664 mm

B = 523 mm

C = 424 mm

--Wall Thickness--

Front = 58 mm

Side = 18 mm

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 36 Hz

Qms = 6.7

Vas = 93 liters

Xmax = 14 mm

Sd = 1134 sq.cm

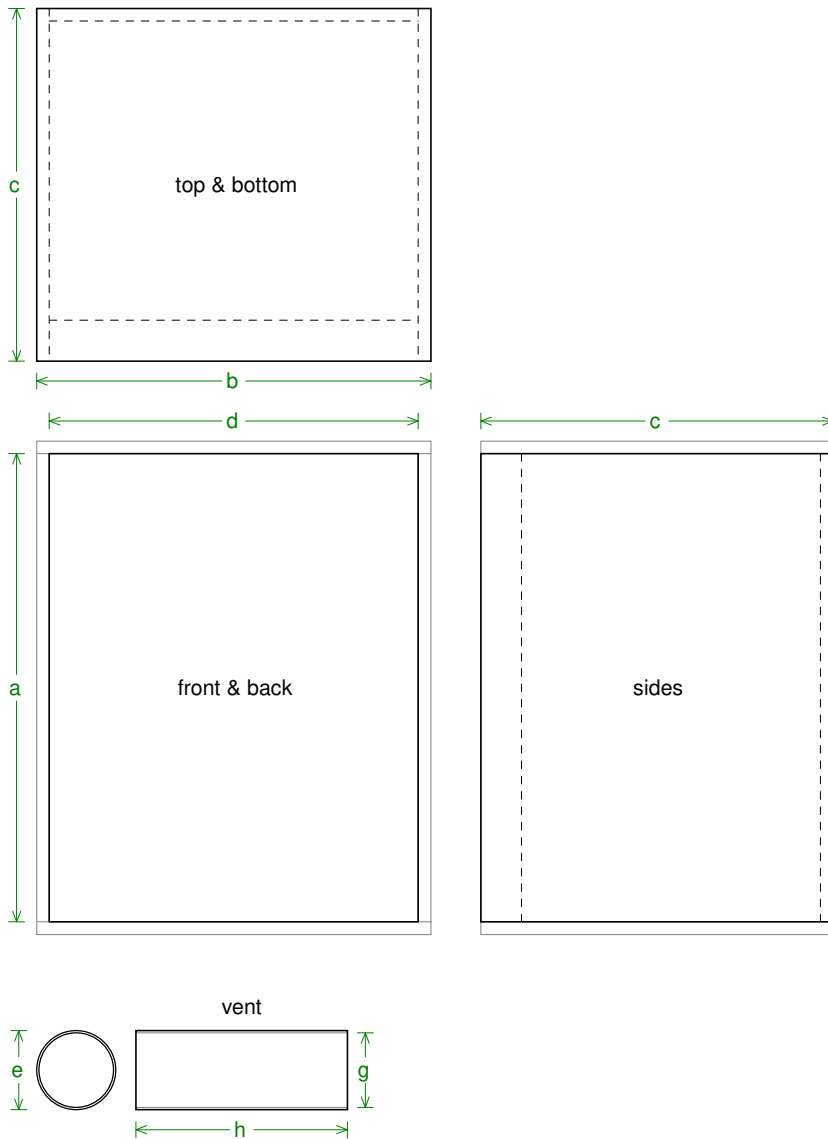
Qes = 0.55

Re = 7 ohms

Le = 3 mH

Z = 8 ohms

Pe = 1000 watts



Box Parts

--Square Prism Box Parts--

- 1 Top, 1 Bottom: depth (c) = 500 mm
width (b) = 559, thickness = 18 mm
- 1 Front: height (a) = 664 mm
width (d) = 523, thickness = 58 mm
- 1 Back: height (a) = 664 mm
width (d) = 523, thickness = 18 mm
- 2 Sides: height (a) = 664 mm
depth (c) = 500, thickness = 18 mm

--Vent Parts--

- 3 Ducts: outside diameter (e) = 112.4 mm
inside diameter (g) = 106 mm
length (h) = 300 mm

--Braces & Miscellaneous Parts--

- 1 Brace: 800 x 100 x 100 mm

--Driver Mounting--

Mounting: Front



Wiring Diagram

