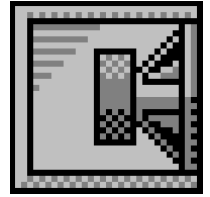


Custom Vented Box Design

By George, a



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 183.6 liters

V(total) = 198 liters

Fb = 45 Hz

F3 = 40.08 Hz

Fill = minimal

--Vents--

No. of Vents = 4

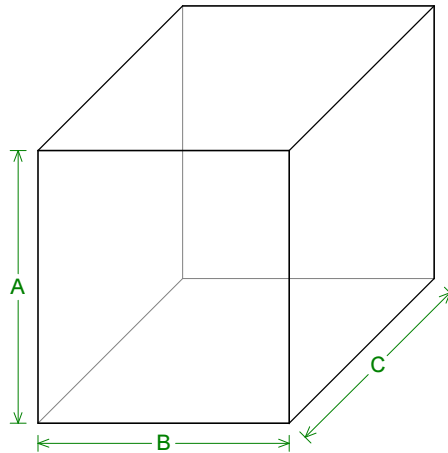
Vent shape = rectangle

Vent ends = one flush

Hv = 70 mm

Wv = 120 mm

Lv = 154.4 mm



--External Dimensions--

A = 636 mm

B = 586 mm

C = 636 mm

--Internal Dimensions--

A = 600 mm

B = 550 mm

C = 600 mm

--Wall Thickness--

Front = 18 mm

Side = 18 mm

Driver Properties

--Description--

Name: MAG A1860

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 39.8 Hz

Qms = 9.5

Vas = 156 liters

Xmax = 8.5 mm

Sd = 1280 sq.cm

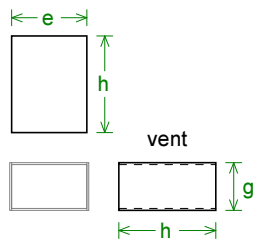
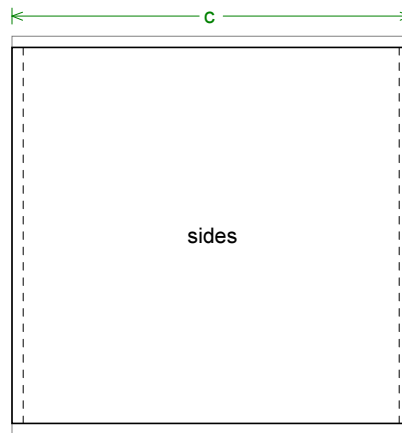
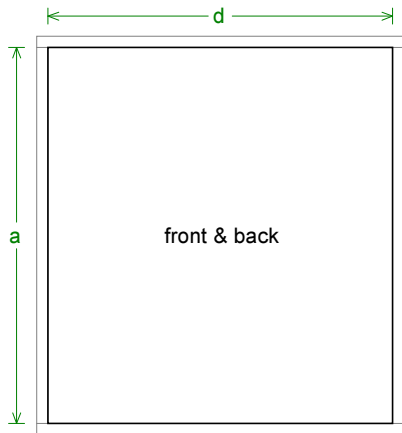
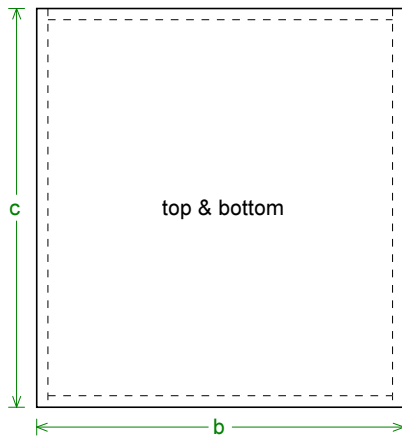
Qes = 0.42

Re = 5.5 ohms

Le = 2.6 mH

Z = 8 ohms

Pe = 600 watts



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 636 mm
width (b) = 586, thickness = 18 mm

1 Front, 1 Back: height (a) = 600 mm
width (d) = 550, thickness = 18 mm

2 Sides: height (a) = 600 mm
depth (c) = 636, thickness = 18 mm

--Driver Mounting--
Mounting: Flush

--Vent Parts--

4 Tops, 4 Bottoms:
width (e) = 120, length (h) = 154.4 mm
thickness = 3.175 mm

8 Sides:
height (g) = 76.35, length (h) = 154.4 mm
thickness = 3.175 mm



Wiring Diagram

