



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 3.709 cu.ft

V(total) = 3.954 cu.ft

Fb = 30.75 Hz

F3 = 29.94 Hz

Fill = none

--Vents--

No. of Vents = 1

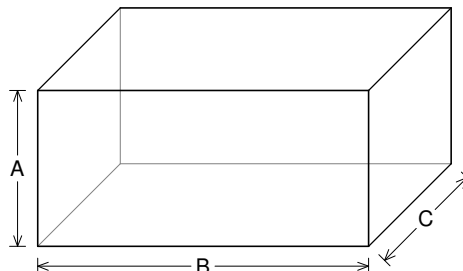
Vent shape = rectangle

Vent ends = one flush

Hv = 6 in

Wv = 2 in

Lv = 7 in



--External Dimensions--

A = 16 in

B = 34 in

C = 16 in

--Internal Dimensions--

A = 14.5 in

B = 32.5 in

C = 14.5 in

--Wall Thickness--

Front = 0.75 in

Side = 0.75 in

Driver Properties

--Description--

Name: REX 12 S4

Type: Standard one-way driver

Company: RE Audio (2015)

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 23.92 Hz

Qms = 5.558

Vas = 3.437 cu.ft [6.875]

Xmax = 0.591 in

Sd = 85.5 sq.in [171]

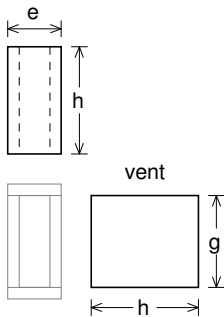
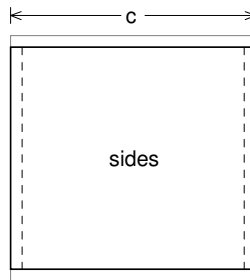
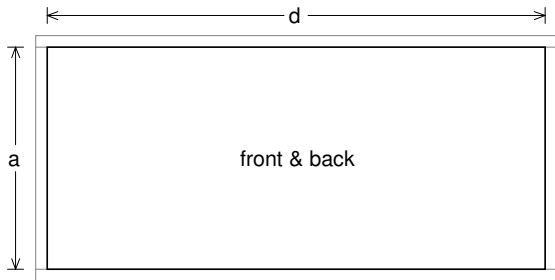
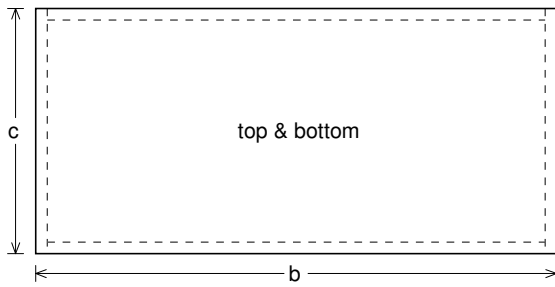
Qes = 0.697

Re = 3.607 ohms [1.804]

Le = 5.017 mH [2.509]

Z = 4.329 ohms [2.164]

Pe = 200 watts [400]



Box Parts

Box Shape: Square Prism

- 1 Top, 1 Bottom: depth (c) = 16 in
width (b) = 34, thickness = 0.75 in
- 1 Front, 1 Back: height (a) = 14.5 in
width (d) = 32.5, thickness = 0.75 in
- 2 Sides: height (a) = 14.5 in
depth (c) = 16, thickness = 0.75 in

--Driver Mounting--

Mounting: Front

Aim: All drivers face same direction

--Vent Parts--

- 1 Top, 1 Bottom:
width (e) = 3.5, length (h) = 7 in
thickness = 0.75 in
- 2 Sides:
height (g) = 6, length (h) = 7 in
thickness = 0.75 in



Wiring Diagram

