

## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square

### --Box Parameters--

Vb = 1 cu.ft

V(total) = 1.147 cu.ft

Fb = 40.5 Hz

F3 = 31.4 Hz

Fill = none

### --Vents--

No. of Vents = 1

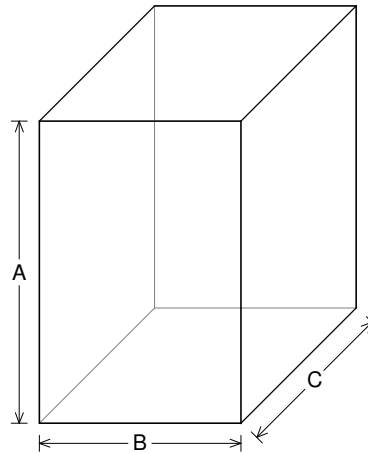
Vent shape = rectangle

Vent ends = one flush

Hv = 1.5 in

Wv = 4 in

Lv = 8.5 in



### --External Dimensions--

A = 18 in

B = 12 in

C = 12.94 in

### --Internal Dimensions--

A = 16.5 in

B = 10.5 in

C = 11.44 in

### --Wall Thickness--

Front = 0.75 in

Side = 0.75 in

## Driver Properties

### --Description--

Name: SCX 10 D4

Type: Standard one-way driver

Company: RE Audio (2015)

### --Configuration--

**No. of Drivers = 1**

Dual voice coils = parallel

### --Driver Parameters--

Fs = 28.65 Hz

Qms = 5.606

Vas = 0.774 cu.ft

Xmax = 1 in

Sd = 49.67 sq.in

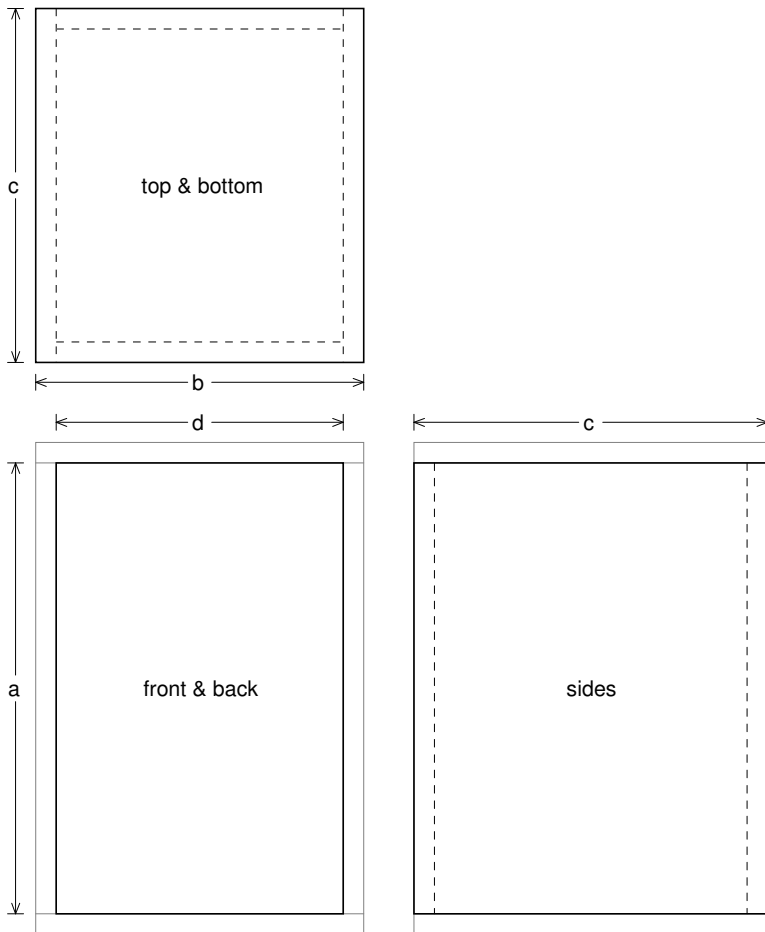
Qes = 0.602

Re = 1.856 ohms

Le = 1.609 mH

Z = 2.228 ohms

Pe = 450 watts



**Box Parts**

Box Shape: Square Prism

1 Top, 1 Bottom: depth ( $c$ ) = 12.94 in  
width ( $b$ ) = 12, thickness = 0.75 in

1 Front, 1 Back: height ( $a$ ) = 16.5 in  
width ( $d$ ) = 10.5, thickness = 0.75 in

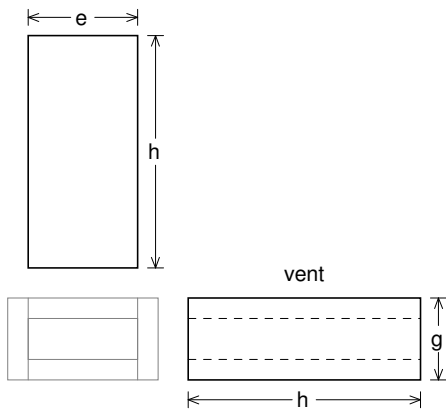
2 Sides: height ( $a$ ) = 16.5 in  
depth ( $c$ ) = 12.94, thickness = 0.75 in

--Driver Mounting--  
Mounting: Front

--Vent Parts--

1 Top, 1 Bottom:  
width ( $e$ ) = 4, length ( $h$ ) = 8.5 in  
thickness = 0.75 in

2 Sides:  
height ( $g$ ) = 3, length ( $h$ ) = 8.5 in  
thickness = 0.75 in





### Wiring Diagram

