

## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Cube

### --Box Parameters--

Vb = 2.251 cu.ft

V(total) = 2.299 cu.ft

Fb = 22.44 Hz

QL = 6.731

F3 = 27.48 Hz

Fill = minimal

### --Vents--

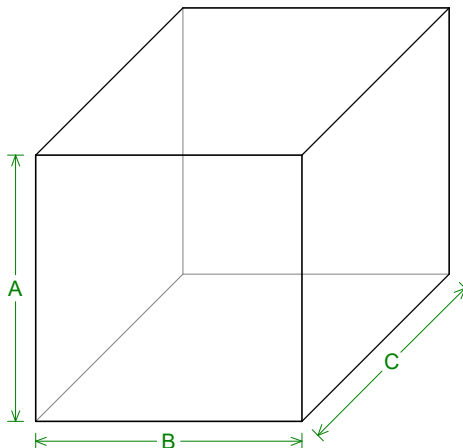
No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 2 in

Lv = 6.766 in



### --External Dimensions--

A = 17.34 in

B = 17.34 in

C = 18.09 in

### --Internal Dimensions--

A = 15.84 in

B = 15.84 in

C = 15.84 in

### --Wall Thickness--

Front = 1.5 in

Side = 0.75 in

## Driver Properties

### --Description--

Name: RSS265HF-4 10 inch

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 26.5 Hz

Qms = 3.06

Vas = 1.907 cu.ft

Cms = 0.32 mm/N

Mms = 120 g

Rms = 6.133 kg/s

Xmax = 12.3 mm

Xmech = 18.45 mm

P-Dia = 209.5 mm

Sd = 356.3 sq.cm

P-Vd = 0.424 liters

### --Electrical Parameters--

Qes = 0.53

Re = 3.5 ohms

Le = 0.96 mH

Z = 4 ohms

BL = 11.43 Tm

Pe = 350 watts

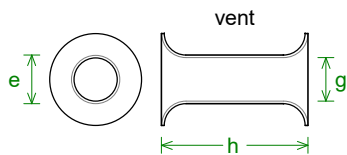
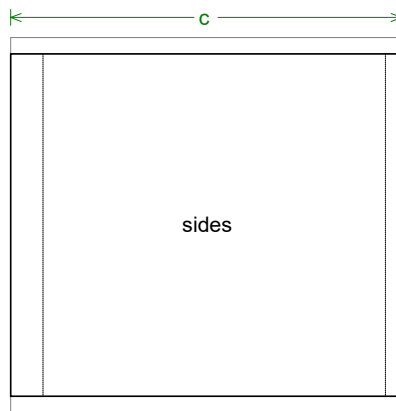
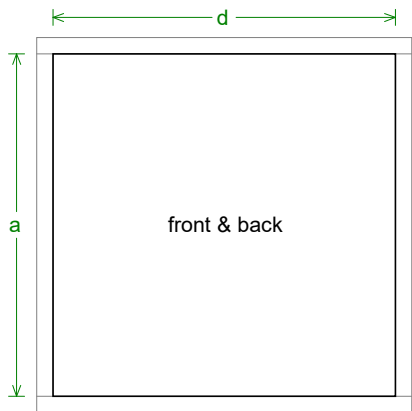
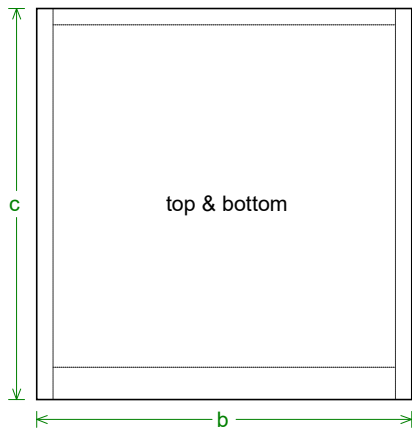
### --Electromech. Parameters--

Qts = 0.45

no = 0.183 %

1-W SPL = 84.77 dB

2.83-V SPL = 87.8 dB



## Box Parts

Box Shape: Cube

1 Top, 1 Bottom: depth (c) = 18.09 in  
width (b) = 17.34, thickness = 0.75 in

1 Front: height (a) = 15.84 in  
width (d) = 15.84, thickness = 1.5 in

1 Back: height (a) = 15.84 in  
width (d) = 15.84, thickness = 0.75 in

2 Sides: height (a) = 15.84 in  
depth (c) = 18.09, thickness = 0.75 in

--Driver Mounting--

Mounting: Flush

--Vent Parts--

1 Duct: outside diameter (e) = 2.25 in  
inside diameter (g) = 2 in  
length (h) = 6.766 in



### Wiring Diagram

