



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

### --Box Parameters--

Vb = 1.463 cu.ft

V(total) = 1.898 cu.ft

Fb = 26.56 Hz

QL = 6.903

F3 = 23.12 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flared

Hv = 2.5 in

Wv = 6 in

Lv = 37.74 in

## Driver Properties

### --Description--

Name: 8W7-3

Type: Standard one-way driver

Company: JL Audio Inc

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 35.2 Hz

Qms = 9.5

Vas = 17.4 liters

Cms = 0.204 mm/N

Mms = 100.2 g

Rms = 2.332 kg/s

Xmax = 19 mm

Xmech = 28.5 mm

P-Dia = 176.6 mm

Sd = 245 sq.cm

P-Vd = 0.466 liters

### --Electrical Parameters--

Qes = 0.654

Re = 2.78 ohms

Z = 3 ohms

BL = 9.704 Tm

Pe = 500 watts

### --Electromech. Parameters--

Qts = 0.612

no = 0.112 %

1-W SPL = 82.7 dB

2.83-V SPL = 87.23 dB



### Wiring Diagram







