



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

### --Box Parameters--

Vb = 10 cu.ft

V(total) = 11.02 cu.ft

Fb = 16.65 Hz

QL = 5.676

F3 = 40.77 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2.5 in

Wv = 15 in

Lv = 33.5 in

## Driver Properties

### --Description--

Name: AV-15\_X

Type: Standard one-way driver

Company: Lambda Acoustics Inc.

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 24 Hz

Qms = 4.1

Vas = 197 liters

Cms = 0.22 mm/N

Mms = 200 g

Rms = 7.4 kg/s

Xmax = 23 mm

Xmech = 34.5 mm

P-Dia = 318 mm

Sd = 794 sq.cm

P-Vd = 1.826 liters

### --Electrical Parameters--

Qes = 0.39

Re = 3.2 ohms

Le = 0.196 mH

Z = 4 ohms

BL = 15.6 Tm

Pe = 1000 watts

### --Electromech. Parameters--

Qts = 0.36

no = 0.673 %

1-W SPL = 90.4 dB

2.83-V SPL = 94.3 dB



### Wiring Diagram







