



## Box Properties

### --Description--

Name:

Type: Passive Radiator Box

Shape: Prism, square

### --Box Parameters--

Vb = 5 cu.ft

V(total) = 5.21 cu.ft

QL = 6.854

F3 = 51.45 Hz

Fill = normal

### --Passive Radiators--

No. of Passive Radiators = 2

Fs = 4.2 Hz

Qms = 74

Vas = 1840 liters

Cms = 0.9 mm/N

Mms = 1600 g

Rms = 2 kg/s

Sd = 1200 sq.cm

## Driver Properties

### --Description--

Name: AV-15-H

Type: Standard one-way driver

Company: Lambda Acoustics Inc.

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 22 Hz

Qms = 4.46

Vas = 197 liters

Cms = 0.22 mm/N

Mms = 235 g

Rms = 7.373 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 = 0.29

Re = 2.7 ohms

Le = 0.28 mH

Z = 4 ohms

BL = 17.6 Tm

Pe = 1000 watts

### --Electromech. Parameters--

Qts = 0.27

no = 0.697 %

1-W SPL = 90.7 dB

2.83-V SPL = 95.5 dB



### Wiring Diagram







