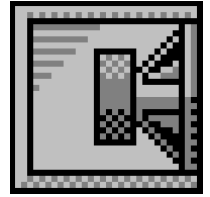


# Custom Vented Box Design

By Mark, Walberswick Studios



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square

### --Box Parameters--

Vb = 4.874 cu.ft

V(total) = 5.982 cu.ft

Fb = 26.56 Hz

QL = 6.159

F3 = 35.42 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 3.5 in

Wv = 12 in

Lv = 28.85 in

## Driver Properties

### --Description--

Name: 190 V2

Type: Standard one-way driver

Company: Parm

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 26 Hz

Qms = 7.5

Vas = 228 liters

Cms = 0.111 mm/N

Mms = 307 g

Rms = 7.321 kg/s

Xmax = 22 mm

Xmech = 33 mm

P-Dia = 390.9 mm

Sd = 1200 sq.cm

P-Vd = 2.64 liters

### --Electrical Parameters--

Qes = 0.37

Re = 3.5 ohms

Z = 4 ohms

BL = 21.78 Tm

Pe = 1100 watts

### --Electromech. Parameters--

Qts = 0.369

no = 1.044 %

1-W SPL = 92.34 dB

2.83-V SPL = 90.5 dB



### Wiring Diagram

