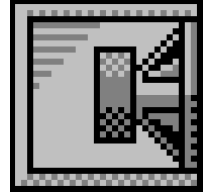


Custom Vented Box Design

By Mark, Walberswick Studios



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.597 cu.ft

V(total) = 4.263 cu.ft

Fb = 20.73 Hz

QL = 6.438

F3 = 22.33 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 11 in

Lv = 36.43 in

Driver Properties

--Description--

Name: DVC Infinity Reference 1262w

Type: Standard one-way driver

Company: Infinity Systems Inc.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 25 Hz

Qms = 6.84

Vas = 80.14 liters

Cms = 0.2 mm/N

Mms = 203 g

Rms = 4.651 kg/s

Xmax = 13 mm

Xmech = 19.5 mm

P-Dia = 260 mm

Sd = 531 sq.cm

P-Vd = 0.69 liters

--Electrical Parameters--

Qes = 0.49

Re = 1.8 ohms

Le = 1.1 mH

Z = 2 ohms

BL = 10.8 Tm

Pe = 300 watts

--Electromech. Parameters--

Qts = 0.46

no = 0.246 %

1-W SPL = 86.06 dB

2.83-V SPL = 96 dB



Wiring Diagram

