

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.024 cu.ft

V(total) = 3.675 cu.ft

Fb = 21.38 Hz

QL = 6.563

F3 = 21.63 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flared

Hv = 3 in

Wv = 7 in

Lv = 38.91 in

Driver Properties

--Description--

Name: Kappa Perfect 12 VQ low inst

Type: Standard one-way driver

Company: Infinity Systems Inc.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 22.9 Hz

Qms = 10.29

Vas = 96.43 liters

Cms = 0.323 mm/N

Mms = 176.4 g

Rms = 2.398 kg/s

Xmax = 16.75 mm

Xmech = 25.13 mm

P-Dia = 250 mm

Sd = 491 sq.cm

P-Vd = 0.822 liters

--Electrical Parameters--

Qes = 0.36

Re = 4.42 ohms

Le = 1.14 mH

Z = 4 ohms

BL = 11.92 Tm

Pe = 400 watts

--Electromech. Parameters--

Qts = 0.34

no = 0.141 %

1-W SPL = 83.65 dB

2.83-V SPL = 89 dB

Wiring Diagram







