



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

### --Box Parameters--

Vb = 3.218 cu.ft

V(total) = 3.566 cu.ft

Fb = 20.18 Hz

QL = 6.52

F3 = 22.59 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 4 in

Lv = 23.86 in

## Driver Properties

### --Description--

Name: Kappa Perfect12.1

Type: Standard one-way driver

Company: Infinity Systems Inc.

Comment: Kappa Perfect series

Piston: Aluminum cone.

Suspension: High roll butyl rubber surround.

Frame: Diecase aluminum frame.

Voice Coil: 2 inch (50.8 mm) diameter.

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 23.32 Hz

Qms = 10.28

Vas = 83.28 liters

Cms = 0.208 mm/N

Mms = 224 g

Rms = 3.192 kg/s

Xmax = 14.15 mm

Xmech = 21.23 mm

P-Dia = 260 mm

Sd = 531 sq.cm

P-Vd = 0.751 liters

### --Electrical Parameters--

Qes = 0.46

Re = 4 ohms

Le = 3.05 mH

Z = 4 ohms

BL = 16.9 Tm

Pe = 350 watts

### --Electromech. Parameters--

Qts = 0.44

no = 0.221 %

1-W SPL = 85.6 dB

2.83-V SPL = 96 dB



### Wiring Diagram







