

Audio Nirvana Neo 15" Vented Box Design

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Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 148.8 liters

V(total) = 153.6 liters

Fb = 34.32 Hz

QL = 12.95

F3 = 47.13 Hz

Fill = none

--Vents--

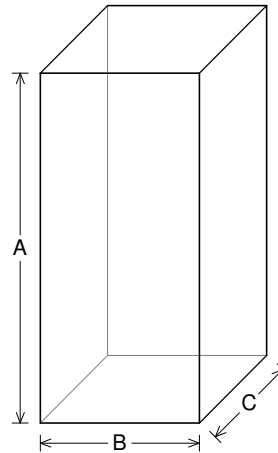
No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 150 mm

Lv = 177.6 mm



--External Dimensions--

A = 1100 mm

B = 500 mm

C = 400 mm

--Internal Dimensions--

A = 1050 mm

B = 450 mm

C = 325 mm

--Wall Thickness--

Front = 50 mm

Side = 25 mm

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26 Hz

Qms = 8.502

Vas = 21.67 cu.ft

Cms = 0.677 mm/N

Mms = 55.31 g

Rms = 1.063 kg/s

Xmax = 2 mm

P-Dia = 12.6 in

Sd = 798.6 sq.cm

P-Vd = 0.16 liters

--Electrical Parameters--

Qes = 0.354

Re = 7.2 ohms

Z = 8.64 ohms

BL = 13.62 Tm

Pe = 50 watts

--Electromech. Parameters--

Qts = 0.34

no = 2.937 %

1-W SPL = 96.83 dB

