



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 4.826 cu.ft

V(total) = 5.614 cu.ft

Fb = 21.4 Hz

QL = 6.17

F3 = 27.66 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flared

Dv = 4 in

Lv = 27.61 in

Driver Properties

--Description--

Name: SS18-22

Type: Standard one-way driver

Company: Dayton Audio

Piston: 18" cone

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 21 Hz

Qms = 3.4

Vas = 7.9 cu.ft

Cms = 0.112 mm/N

Mms = 497 g

Rms = 19.9 kg/s

Xmax = 26 mm

Xmech = 39 mm

P-Dia = 388.6 mm

Sd = 1188 sq.cm

P-Vd = 3.083 liters

--Electrical Parameters--

Qes = 0.42

Re = 5.3 ohms

Le = 2.1 mH

Z = 8 ohms

BL = 29.2 Tm

Pe = 1300 watts

--Electromech. Parameters--

Qts = 0.37

no = 0.476 %

1-W SPL = 88.92 dB

2.83-V SPL = 90.8 dB



Wiring Diagram







