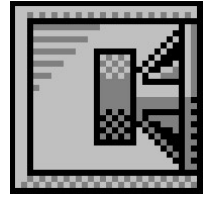


Custom Closed Box Design

By Mark Carter, Walberswick Studios



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 3.25 cu.ft

V(total) = 3.25 cu.ft

Qtc = 0.575

QL = 16.6

F3 = 71.25 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 38 Hz

Qms = 10.2

Vas = 5.3 cu.ft

Cms = 0.07 mm/N

Mms = 250 g

Rms = 5.866 kg/s

Xmax = 8.4 mm

Xmech = 12.6 mm

P-Dia = 395.5 mm

Sd = 1225 sq.cm

P-Vd = 1.032 liters

--Electrical Parameters--

Qes = 0.46

Re = 4.8 ohms

Le = 1.9 mH

Z = 8 ohms

BL = 24.9 Tm

Pe = 1200 watts

--Electromech. Parameters--

Qts = 0.44

no = 1.726 %

1-W SPL = 94.52 dB

2.83-V SPL = 97 dB



Wiring Diagram

