DefiniMax 4015LF PA or Club Subwoofer Cabinet
By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 600 Watts; F3 of 35 Hz. Use a steep high pass filter set to 30 Hz.

Box Properties
--Description--
Name: DefiniMax 4015LF PA or Club Subwoofer Cabinet
Type: Vented Box
Shape: Prism, square

--Box Parameters--
Vb = 5.75 cu.ft
V(total) = 6.326 cu.ft
Fb = 39 Hz
QL = 7
F3 = 34.95 Hz
Fill = minimal

--Vents--
No. of Vents = 4
Vent shape = round
Vent ends = one flush
Dv = 4 in
Lv = 10.45 in

Driver Properties
--Description--
Name: New Driver for 2006
Type: Standard one-way driver

--Configuration--
No. of Drivers = 1

--Driver Parameters--
Fs = 41.46 Hz
Qms = 6.73
Vas = 115.5 liters
Xmax = 9 mm
Sd = 872.9 sq.cm
Qes = 0.54
Re = 5.04 ohms
Le = 1.49 mH
Z = 8 ohms
Pe = 700 watts

Normalized Amplitude Response (dB-SPL/Hz)

Custom Amplitude Response (dB-SPL/Hz at 1 m) with 600 watts

Maximum Acoustic Power (dB-SPL/Hz at 1 m)
DefiniMax 4015LF PA Subwoofer or Bass Guitar Bottom
By Jerry McNutt, Eminence Speaker LLC
Thermally Limited to 700 Watts; F3 of 40. Use a steep high pass filter set to 30 Hz.

Box Properties
--Description--
Name:
Type: Vented Box
Shape: Prism, square
--Box Parameters--
Vb = 3.8 cu.ft
V(total) = 4.36 cu.ft
Fb = 40 Hz
QL = 7
F3 = 40.24 Hz
Fill = minimal
--Vents--
No. of Vents = 4
Vent shape = round
Vent ends = one flush
Dv = 3.5 in
Lv = 12.79 in

Driver Properties
--Description--
Name:
Type: Standard one-way driver
Comment: New Driver for 2006
--Configuration--
No. of Drivers = 1
--Driver Parameters--
Fs = 41.46 Hz
Qms = 6.73
Vas = 115.5 liters
Xmax = 9 mm
Sd = 872.9 sq.cm
Qes = 0.54
Re = 5.04 ohms
Le = 1.49 mH
Z = 8 ohms
Pe = 700 watts
Cone Displacement (mm/Hz) with 700 watts

Vent Air Velocity (m/sec/Hz) with 700 watts

System Impedance (ohms/Hz)
DefiniMax 4015LF Hi Pwr Full Range PA Woofer Cabinet

By Jerry McNutt, Eminence Speaker LLC

Thermally Limited to 700 Watts; F3 of 48 Hz. Use a steep high pass filter set to 35 Hz.

Box Properties

--Description--
Name: DefiniMax 4015LF Hi Pwr Full Range PA Woofer Cabinet
Type: Vented Box
Shape: Prism, square

--Box Parameters--
Vb = 2.5 cu.ft
V(total) = 2.952 cu.ft
Fb = 45 Hz
QL = 7
F3 = 48.14 Hz
Fill = minimal

--Vents--
No. of Vents = 4
Vent shape = round
Vent ends = one flush
Dv = 3 in
Lv = 11.41 in

Driver Properties

--Description--
Name: Standard one-way driver
Comment: New Driver for 2006

--Configuration--
No. of Drivers = 1

--Driver Parameters--
Fs = 41.46 Hz
Qms = 6.73
Vas = 115.5 liters
Xmax = 9 mm
Sd = 872.9 sq.cm
Qes = 0.54
Re = 5.04 ohms
Le = 1.49 mH
Z = 8 ohms
Pe = 700 watts
DefiniMax 4015LF Sealed Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Limited to 500 Watts; F3 of 72 Hz with a slow Roll-off. Tight punchy bass, with no boom or over-hang.

Box Properties
--Description--
Name: DefiniMax 4015LF Sealed Bass Guitar Cabinet
Type: Closed Box
Shape: Prism, square

--Box Parameters--
Vb = 1.722 cu.ft
V(total) = 1.722 cu.ft
Qtc = 0.707
QL = 18.42
F3 = 71.72 Hz
Fill = heavy

Driver Properties
--Description--
Name: Standard one-way driver
Comment: New Driver for 2006

--Configuration--
No. of Drivers = 1

--Driver Parameters--
Fs = 41.46 Hz
Qms = 6.73
Vas = 115.5 liters
Xmax = 9 mm
Sd = 872.9 sq.cm
Qes = 0.54
Re = 5.04 ohms
Le = 1.49 mH
Z = 8 ohms
Pe = 700 watts