

# KappaPro15A Med Vented Box, Pwr Handling Varies With Use

By McJerry, Eminence Speaker LLC

Displacement limited to 125 watts if used down to 65 Hz. Displacement limited to 400 watts if used down to 180 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.4 cu.ft

V(total) = 3.596 cu.ft

Fb = 50 Hz

QL = 7

F3 = 58.67 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.531 in

## Driver Properties

--Description--

Name: Kappa Pro-15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Ribbed paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Diecast aluminum basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47 Hz

Qms = 8.01

Vas = 167.7 liters

Xmax = 3.2 mm

Sd = 856.3 sq.cm

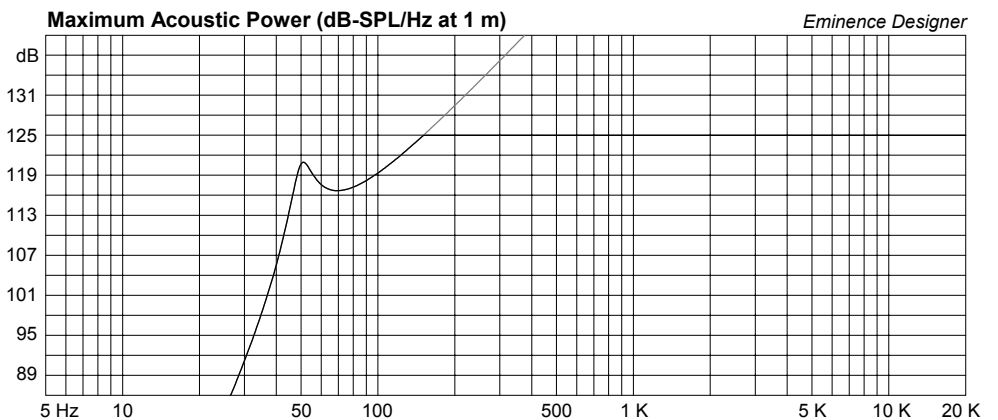
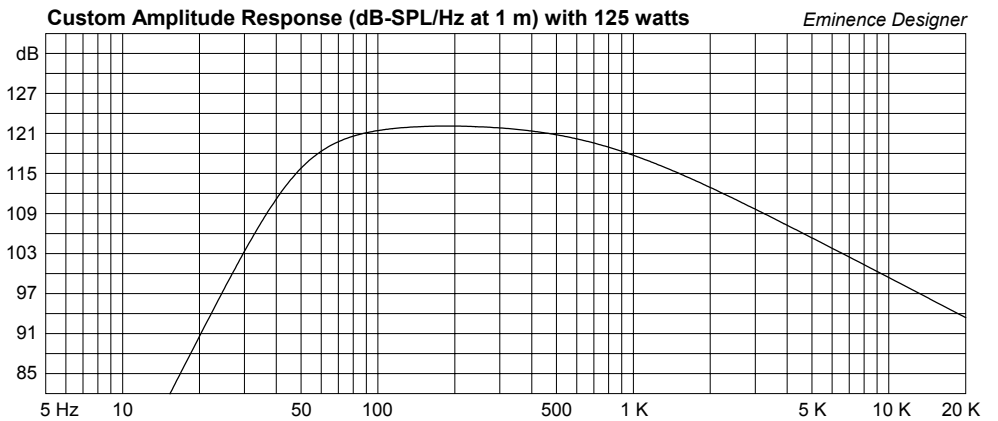
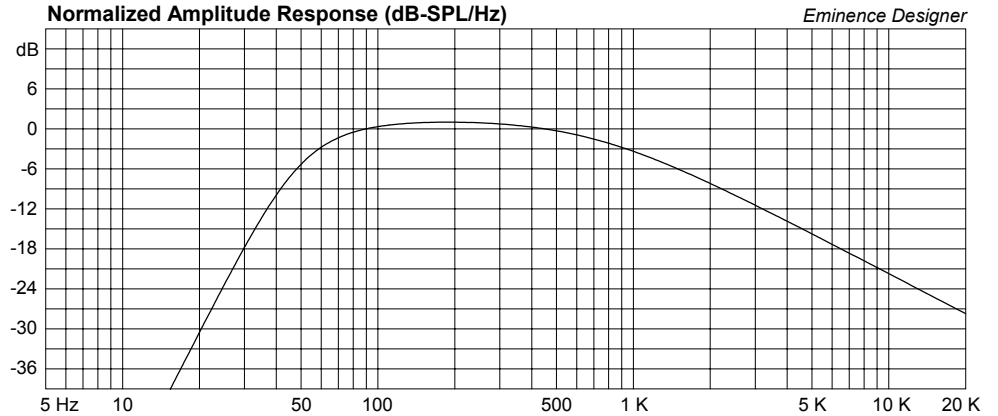
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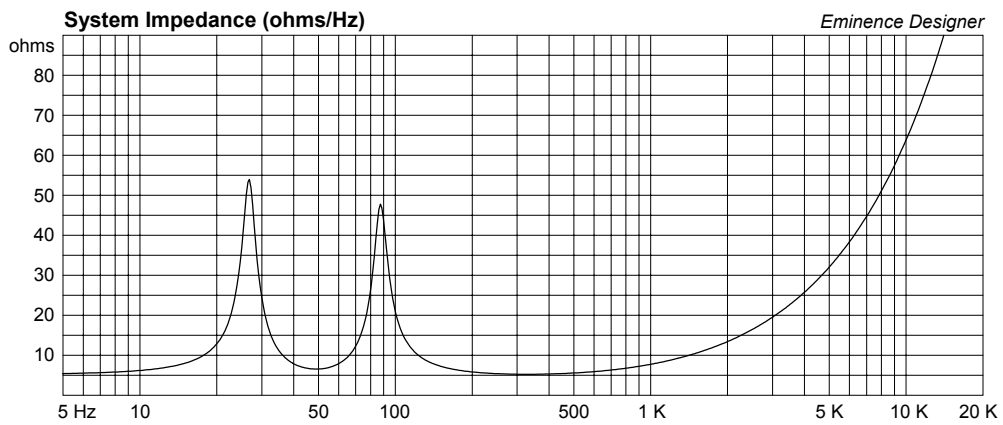
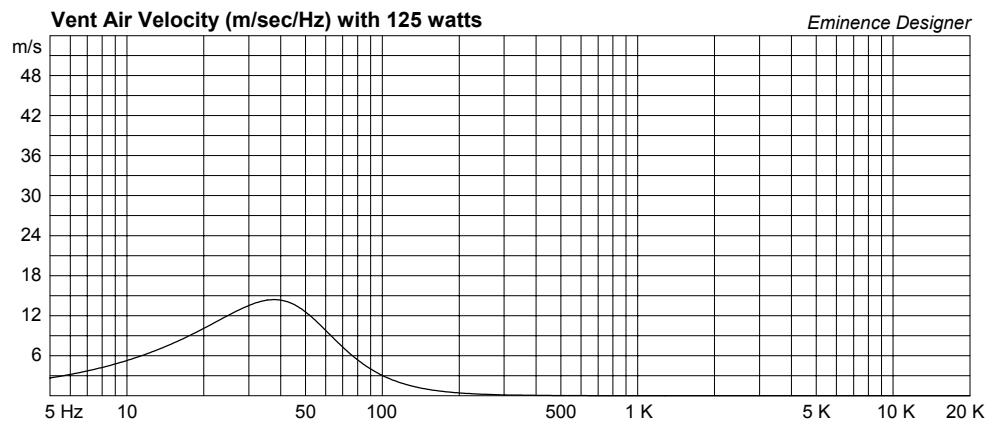
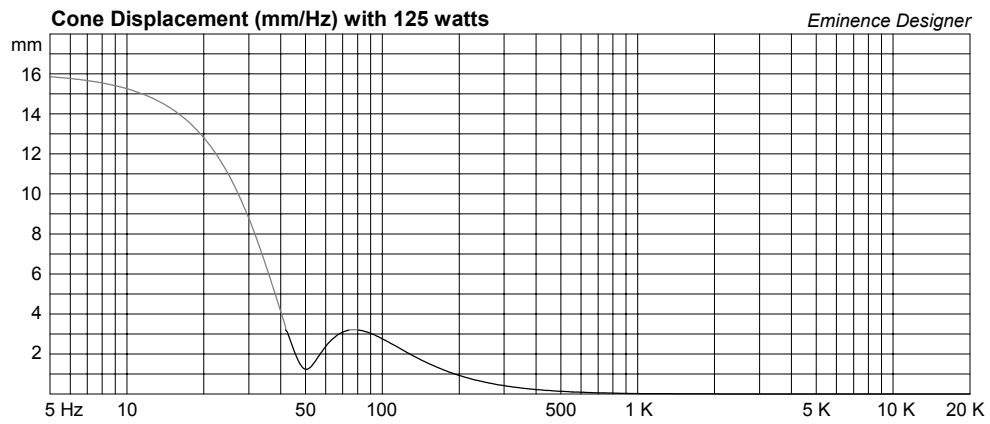
Re = 5.23 ohms

Le = 1.01 mH

Z = 8 ohms

Pe = 500 watts





# KappaPro15A, Large Vented Cabinet for PA or Bass Guitar

By McJerry, Eminence Speaker LLC

Displacement limited to 75 watts if used full range. Displacement limited to 400 watts if used as a mid/high box crossed over at 150 Hz. Use a 35 Hz HPF if used full range.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 6.25 cu.ft

V(total) = 6.415 cu.ft

Fb = 42 Hz

QL = 7

F3 = 46.02 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 1.633 in

## Driver Properties

--Description--

Name: Kappa Pro-15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Ribbed paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Diecast aluminum basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47 Hz

Qms = 8.01

Vas = 167.7 liters

Xmax = 3.2 mm

Sd = 856.3 sq.cm

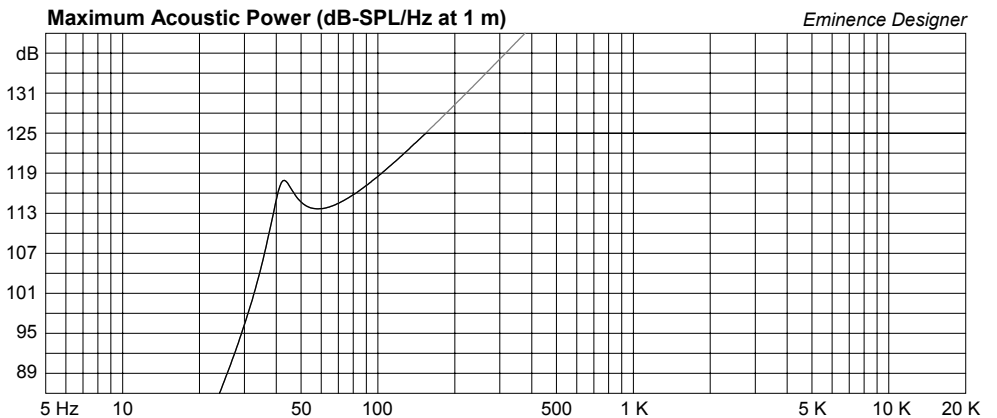
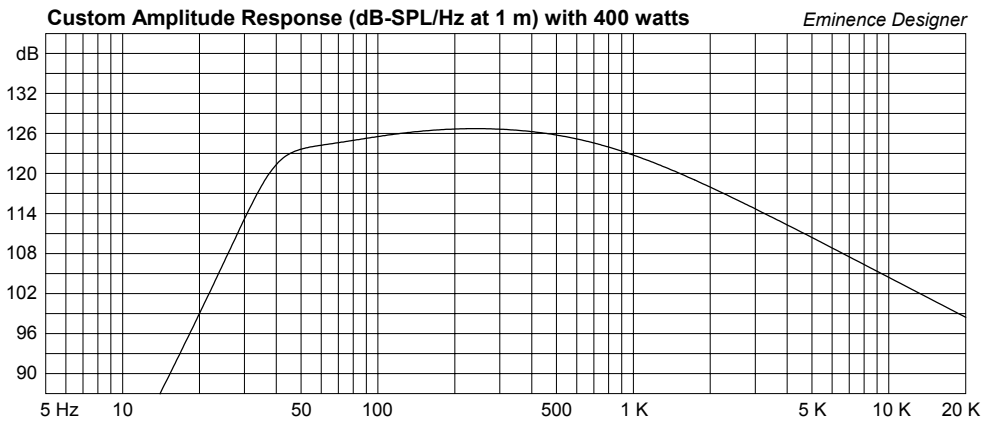
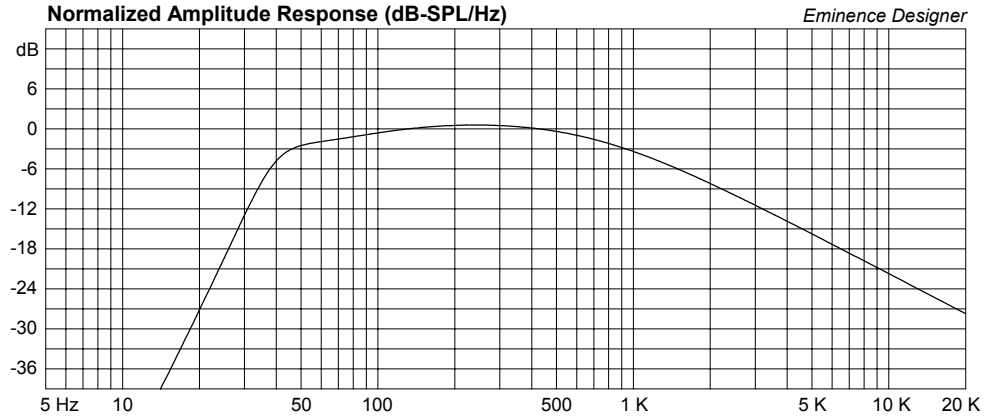
Qes = 0.4

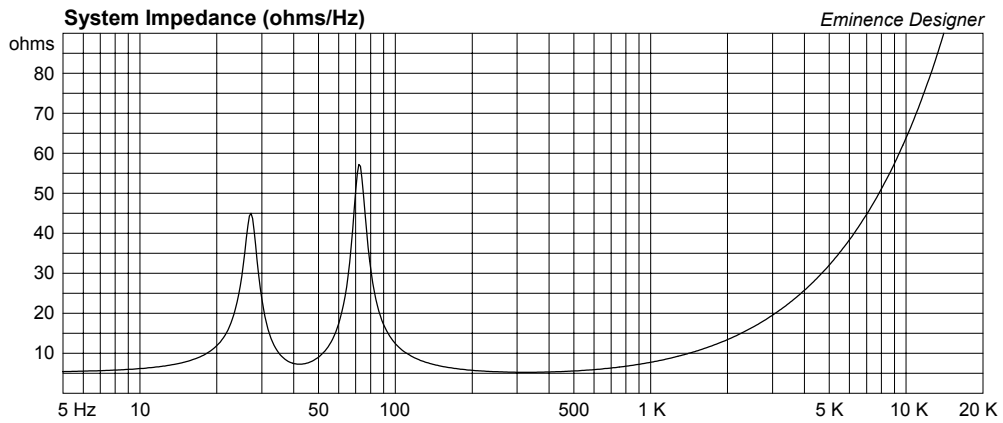
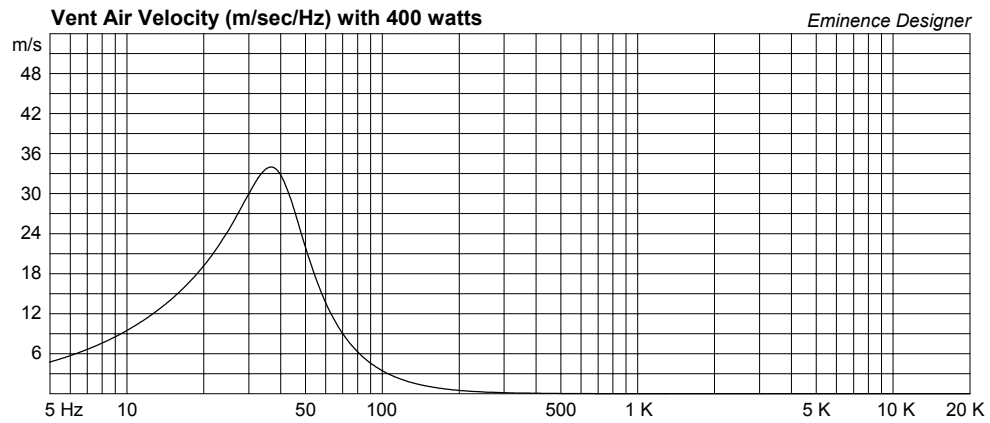
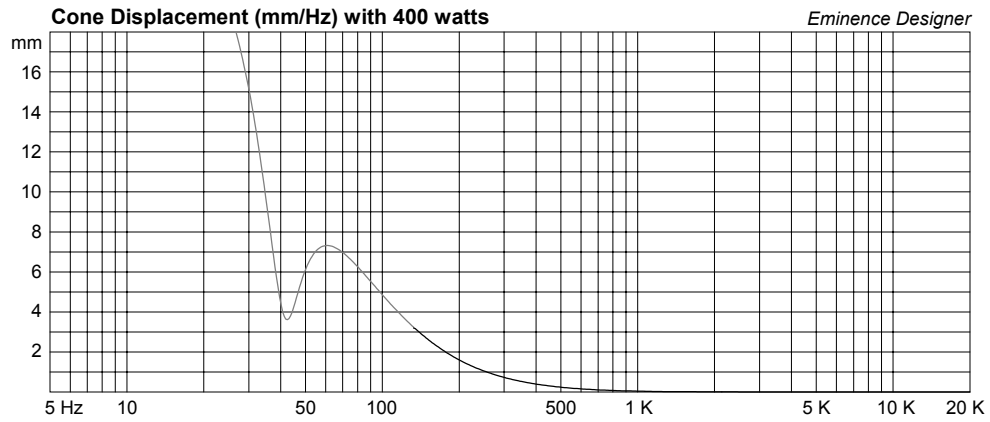
Re = 5.23 ohms

Le = 1.01 mH

Z = 8 ohms

Pe = 500 watts





# KappaPro15A, Small Vented Box, For Mid/High use only.

By McJerry, Eminence Speaker LLC

Displacement limited to 300 watts if used down to 100 Hz. Displacement and thermally limited to 500 watts if used down to only 180 Hz. Use EQ to flatten out hump at 120 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.8 cu.ft

V(total) = 1.951 cu.ft

Fb = 85 Hz

QL = 7

F3 = 79.72 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4.058 in

Lv = 0.75 in

## Driver Properties

--Description--

Name: Kappa Pro-15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Ribbed paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Diecast aluminum basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47 Hz

Qms = 8.01

Vas = 167.7 liters

Xmax = 3.2 mm

Sd = 856.3 sq.cm

Qes = 0.4

Re = 5.23 ohms

Le = 1.01 mH

Z = 8 ohms

Pe = 500 watts

