

# Kappa12A Larger Vented Cab, Hi Pwr Sat, Or Low Pwr FR

By McJerry, Eminence Speaker LLC

Displacement limited to 125 watts if used with a 60 Hz High pass filter.

Displacement limited to 300 watts if used with a 200 Hz High pass filter; use with a Sub-woofer.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 2.022 cu.ft

V(total) = 2.126 cu.ft

Fb = 62 Hz

QL = 7

F3 = 62.41 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 1.532 in

## Driver Properties

--Description--

Name: Kappa-12

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 45 Hz

Qms = 7.76

Vas = 112.1 liters

Xmax = 3.2 mm

Sd = 519.5 sq.cm

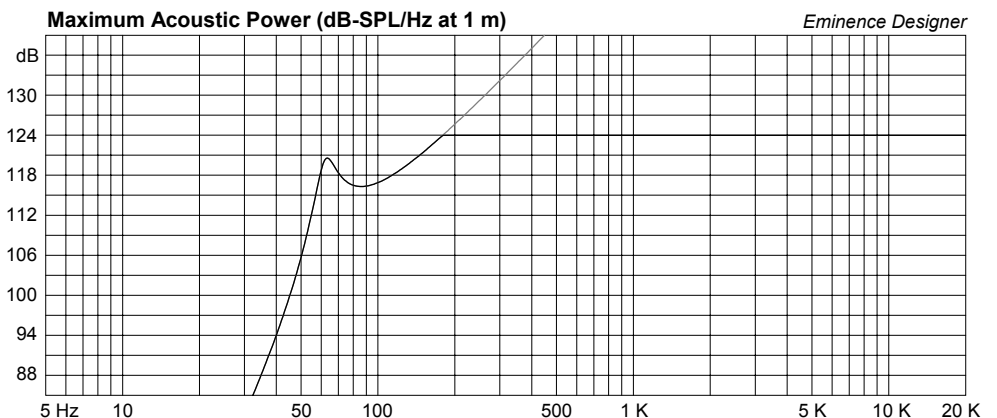
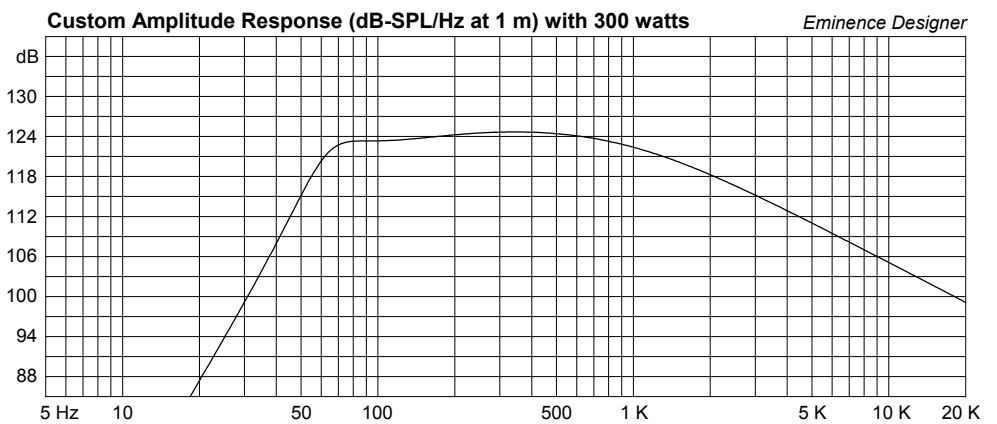
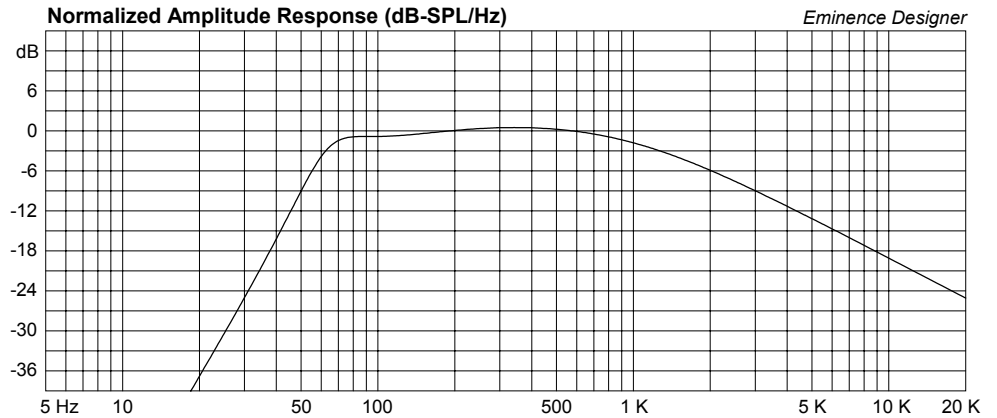
Qes = 0.28

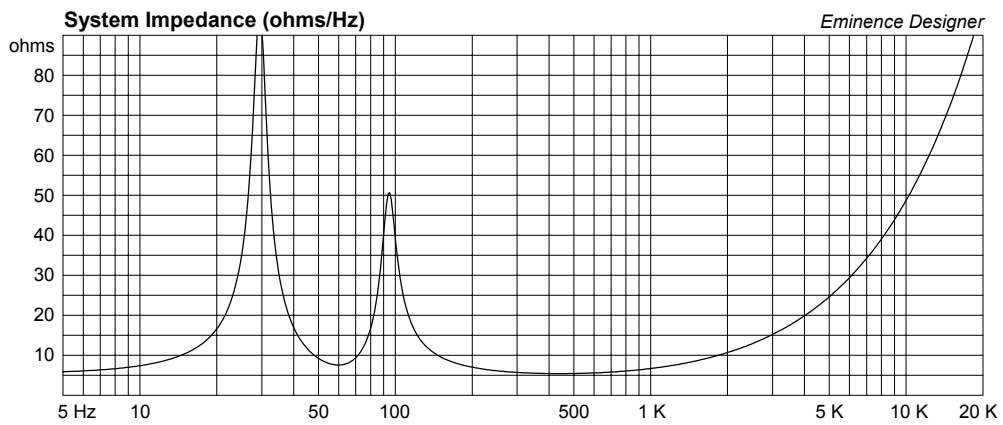
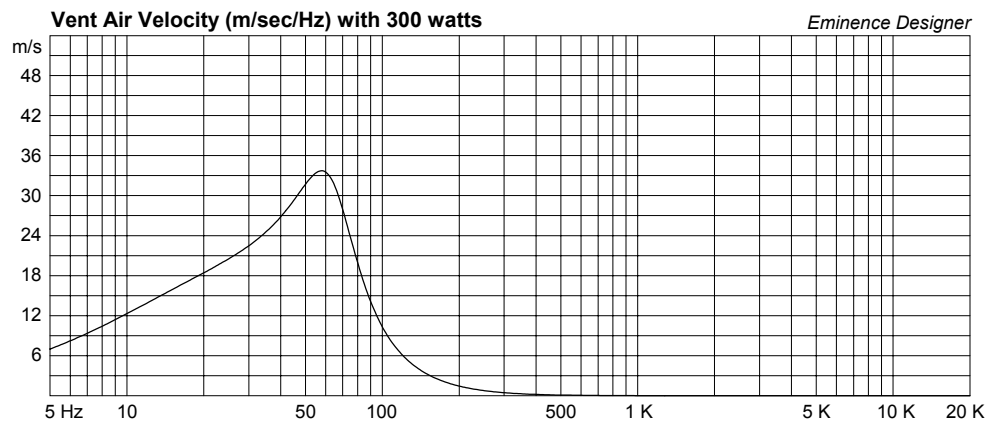
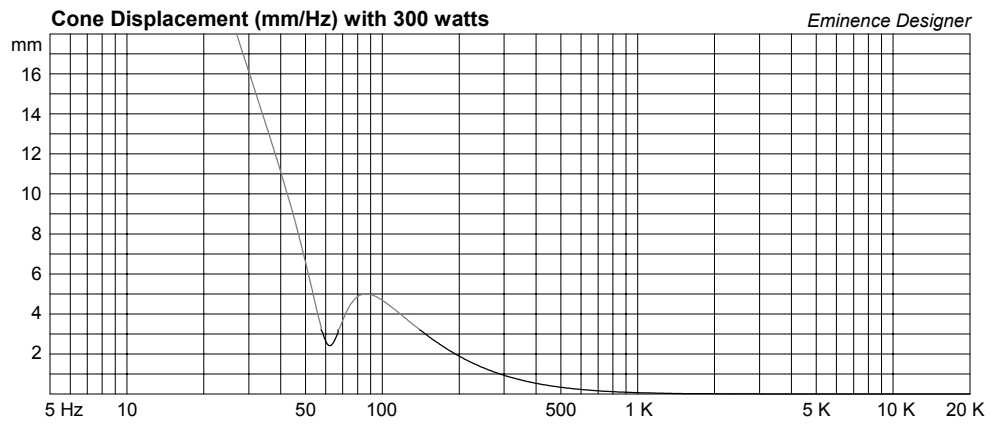
Re = 5.41 ohms

Le = 0.77 mH

Z = 8 ohms

Pe = 450 watts





# Kappa12 High Power Mid/High box, Hi-F3. Must use with a Sub-woofer.

By McJerry, Eminence Speaker LLC

Displacement and thermally limited to 450 watts. Must use a 24 dB per octave high pass filter set to 180 Hz or higher. Great for a super high SPL floor monitor or a high SPL mid/high box. Must be used with a sub-woofer system.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 1.1 cu.ft

V(total) = 1.2 cu.ft

Fb = 100 Hz

QL = 7

F3 = 89.38 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3.506 in

Lv = 0.75 in

## Driver Properties

--Description--

Name: Kappa-12

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 45 Hz

Qms = 7.76

Vas = 112.1 liters

Xmax = 3.2 mm

Sd = 519.5 sq.cm

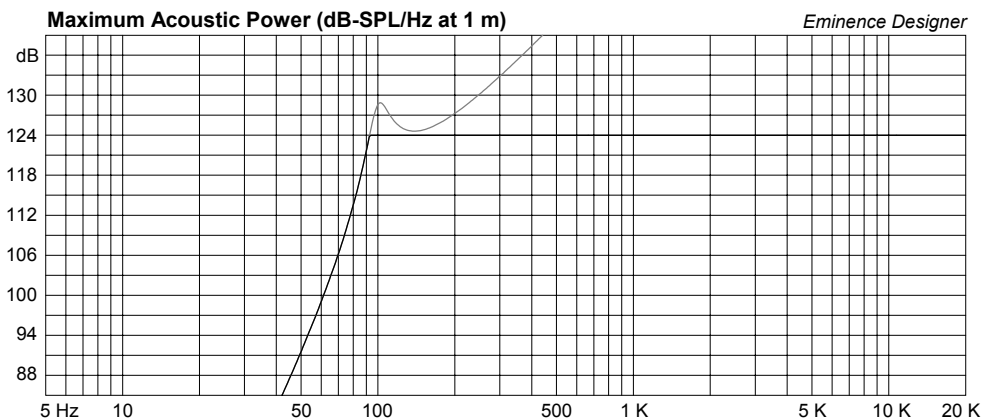
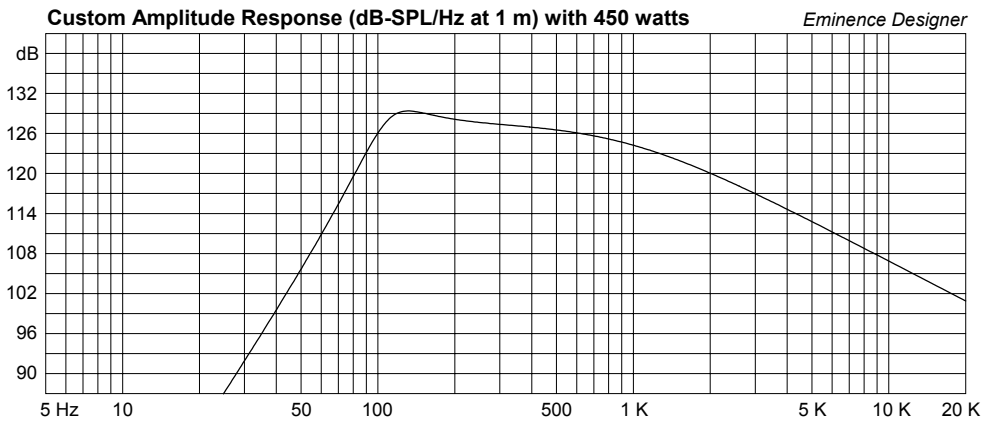
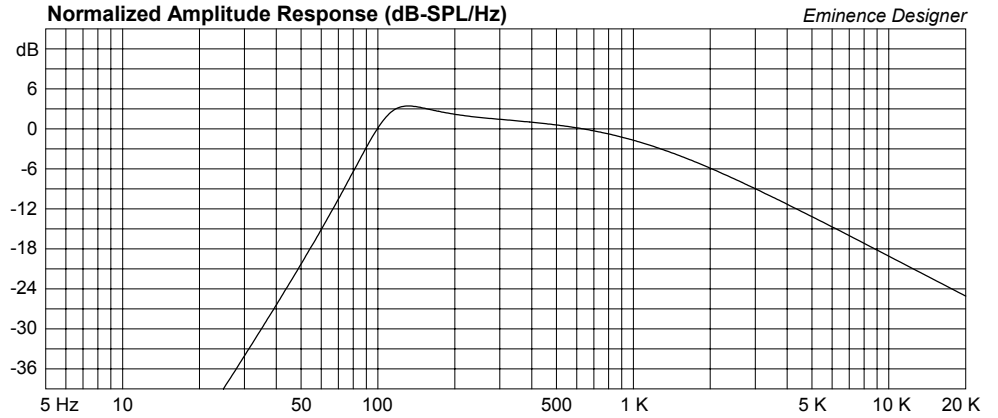
Qes = 0.28

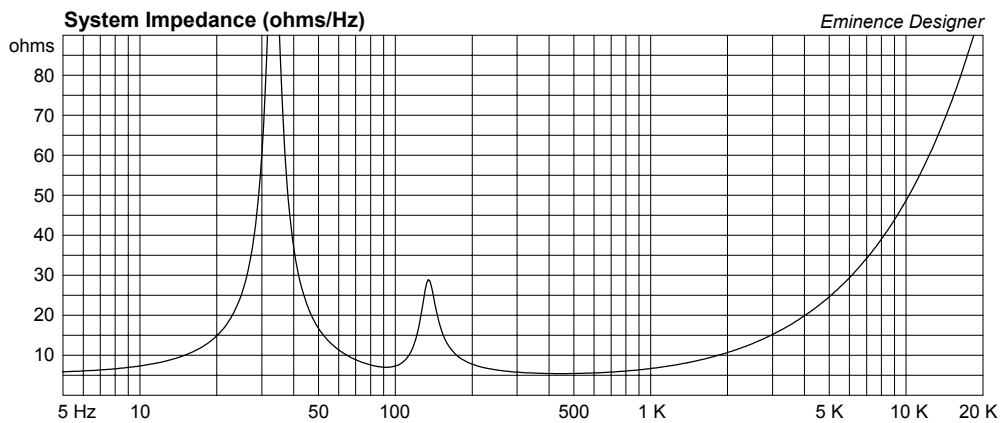
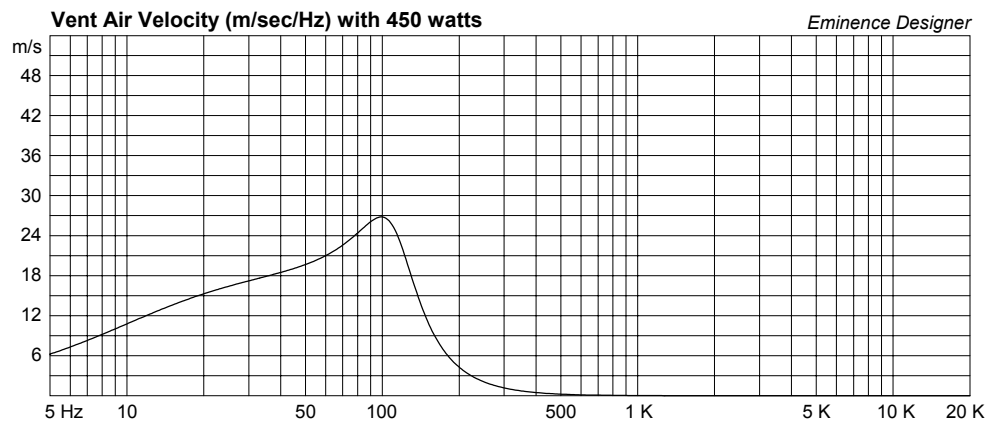
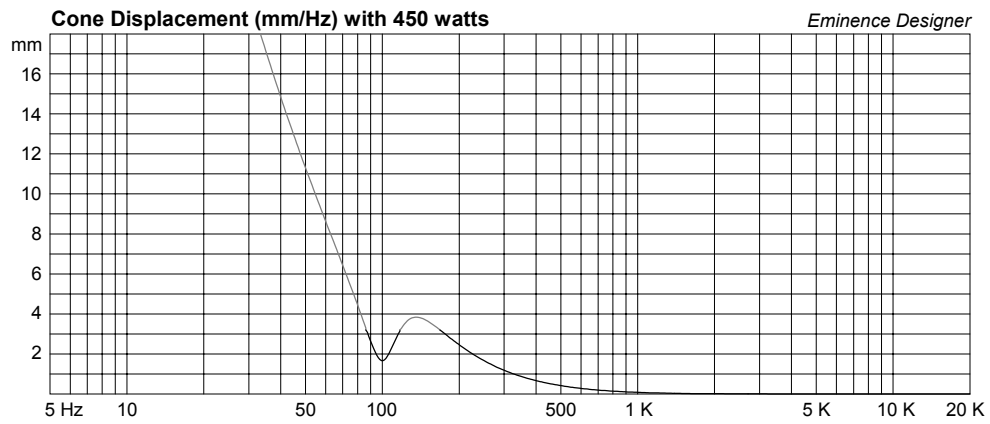
Re = 5.41 ohms

Le = 0.77 mH

Z = 8 ohms

Pe = 450 watts





# Kappa12A Med Vented Cab, Hi Pwr Sat, or Med Pwr Semi FR

By McJerry, Eminence Speaker LLC

Displacement limited to 150 watts if used with a 60 Hz high pass filter.

Displacement and thermally limited to 450 watts if used with a 200 Hz 24 dB per octave high pass filter; use with a Sub.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 1.6 cu.ft

V(total) = 1.783 cu.ft

Fb = 65 Hz

QL = 7

F3 = 68.18 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 5.664 in

## Driver Properties

--Description--

Name: Kappa-12

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 45 Hz

Qms = 7.76

Vas = 112.1 liters

Xmax = 3.2 mm

Sd = 519.5 sq.cm

Qes = 0.28

Re = 5.41 ohms

Le = 0.77 mH

Z = 8 ohms

Pe = 450 watts

