

# KappaLite 3015 Larger Vented Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 300 Watts; F3 of 51 Hz. Use a steep High Pass Filter set to 35 Hz or higher to protect woofer from overexcursion.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 4.798 cu.ft

V(total) = 5.085 cu.ft

Fb = 42 Hz

QL = 7

F3 = 51.42 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.565 in

## Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 45 Hz

Qms = 6.7

Vas = 153 liters

Xmax = 5.9 mm

Sd = 856 sq.cm

Qes = 0.36

Re = 5.27 ohms

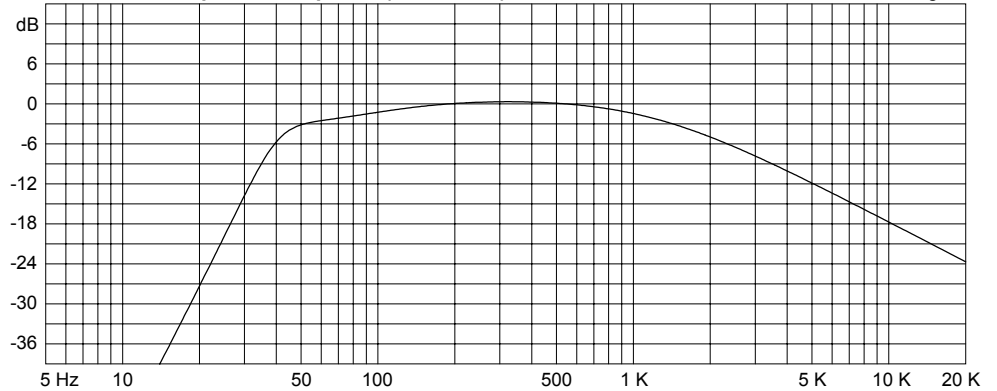
Le = 0.64 mH

Z = 8 ohms

Pe = 500 watts

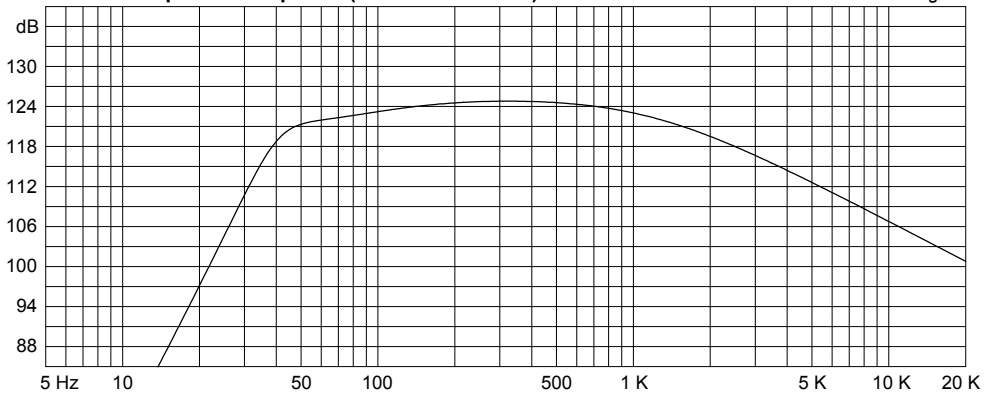
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



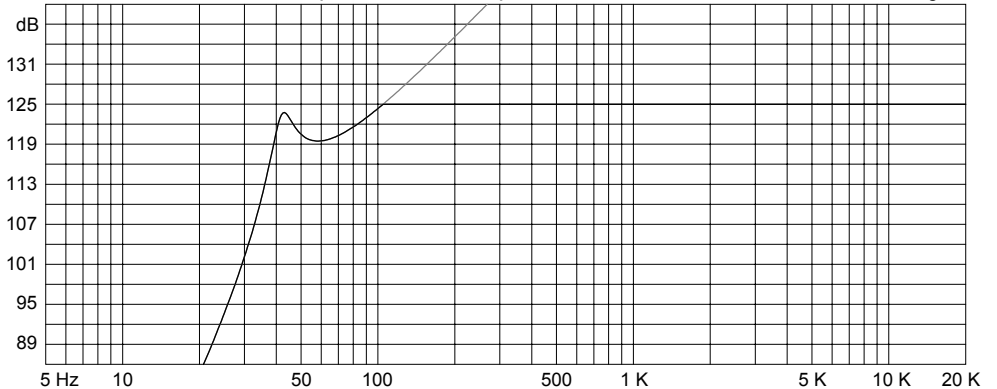
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 300 watts

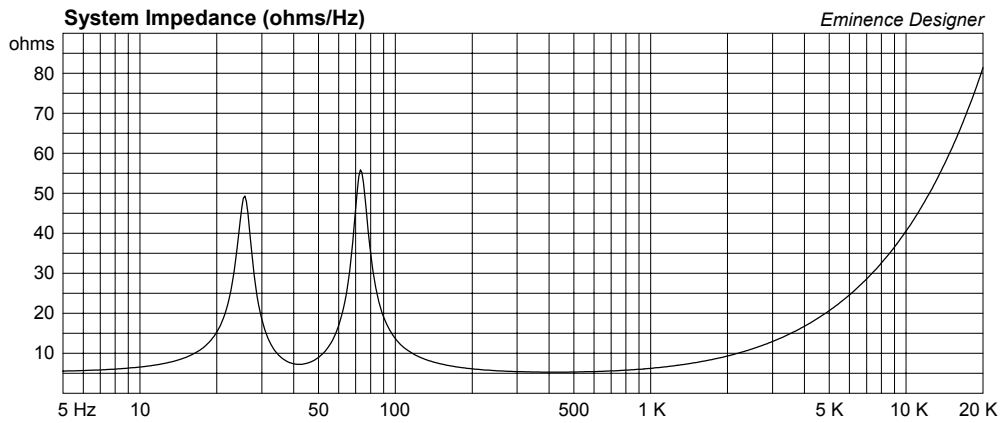
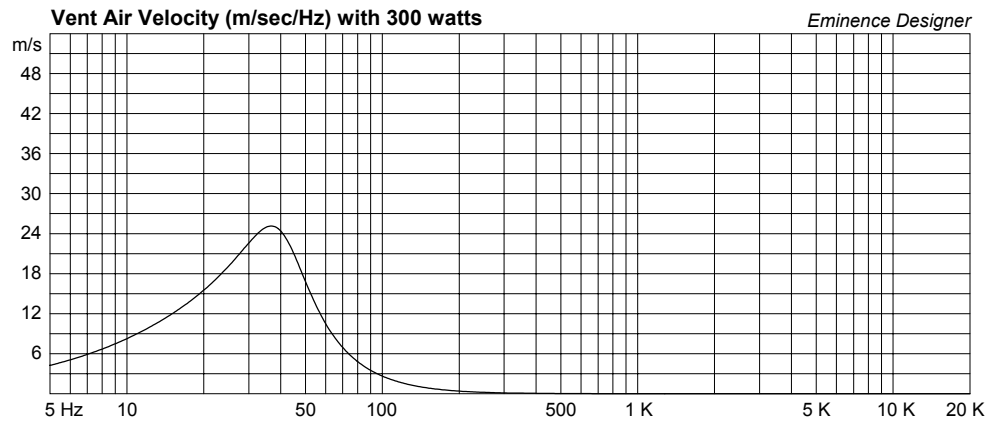
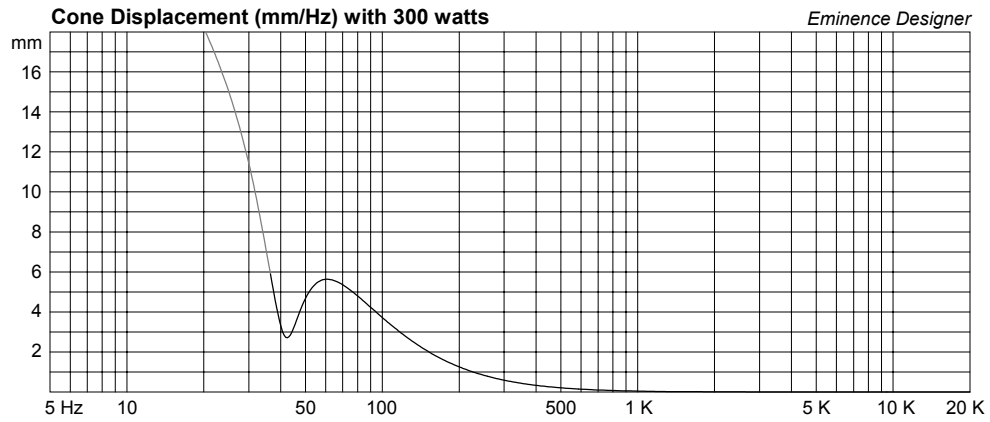
Eminence Designer



Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer





# KappaLite 3015 Med Vented Cabinet

By McJerry, Eminence Speaker LLC

Thermally Limited to 450 Watts; F3 of 65 Hz. For Full Range use a High Pass Filter at 40 Hz.

For Hi Pwr Mid/Hi Sat use a High Pass Filter set to 100 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.483 cu.ft

V(total) = 2.825 cu.ft

Fb = 49.42 Hz

QL = 7

F3 = 64.54 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.86 in

## Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 45 Hz

Qms = 6.7

Vas = 153 liters

Xmax = 5.9 mm

Sd = 856 sq.cm

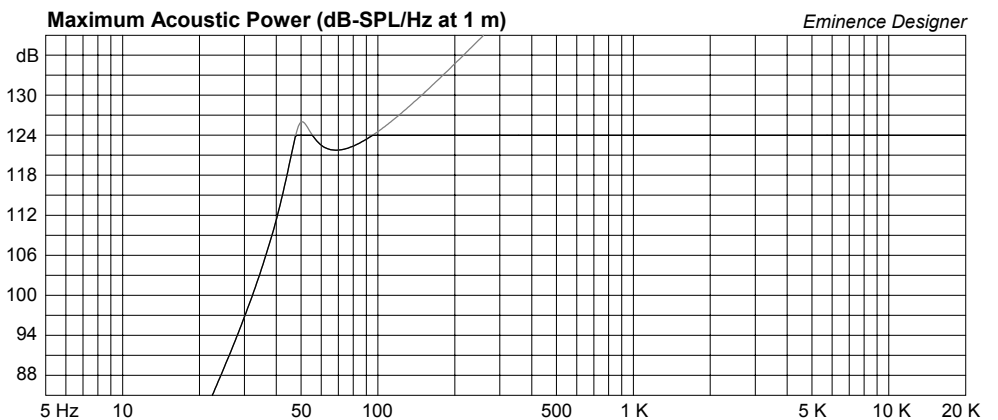
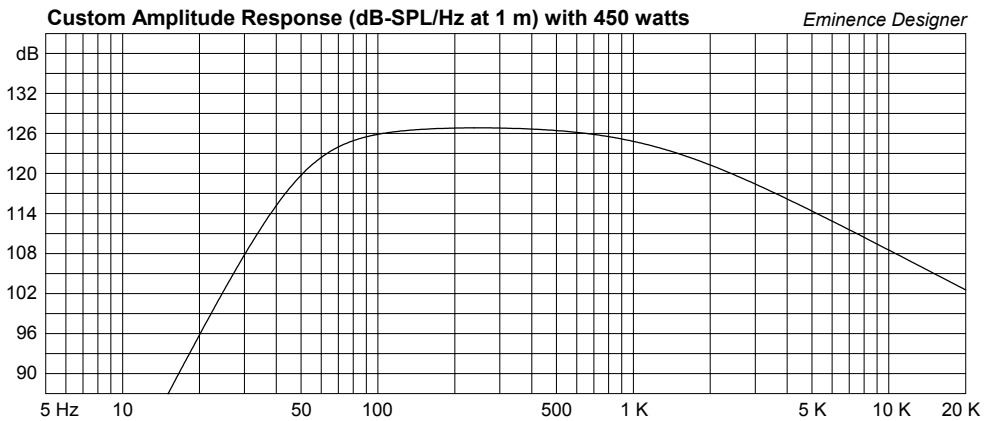
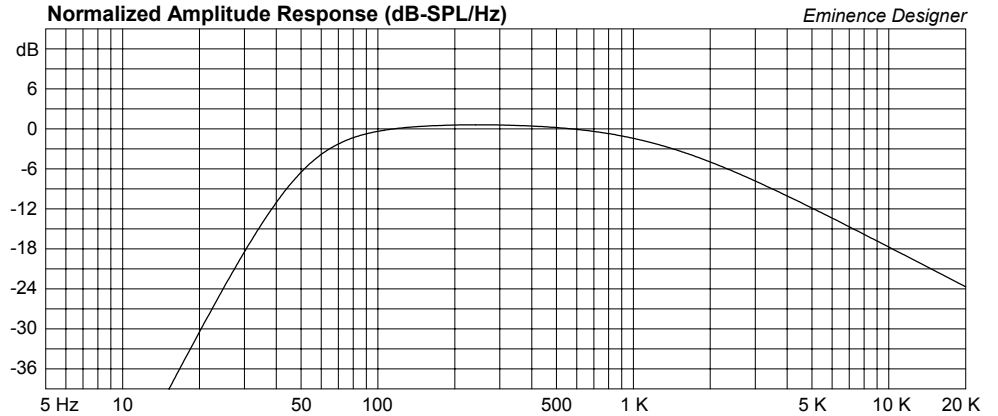
Qes = 0.36

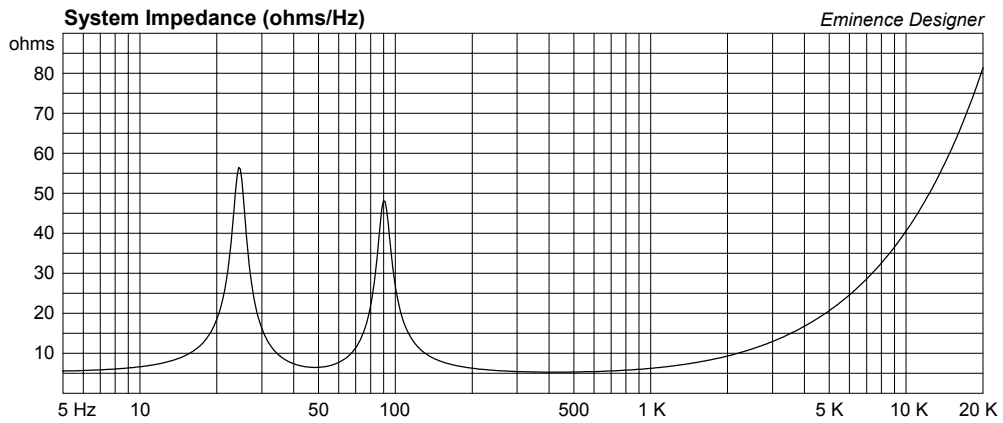
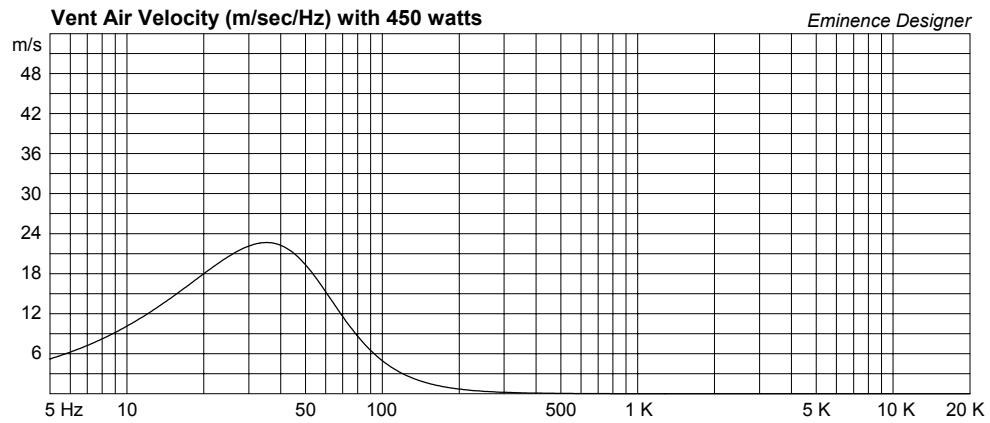
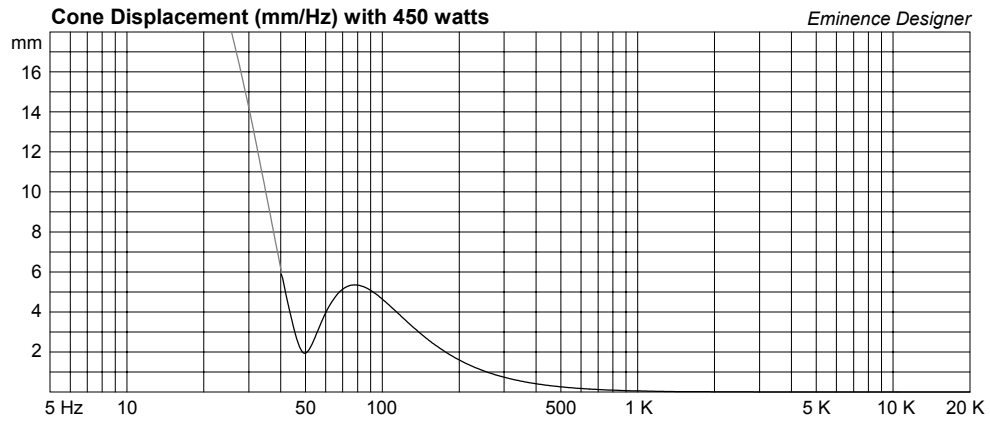
Re = 5.27 ohms

Le = 0.64 mH

Z = 8 ohms

Pe = 450 watts





# KappaLite 3015 Small Vented Cab

By McJerry, Eminence Speaker LLC

450 Watt Limit; F3 of 76 Hz. For Semi-FR use a High Pass Filter at 50 Hz.

For Hi Pwr Mid/Hi Sat use a High Pass Filter set to 100 Hz or higher.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.5 cu.ft

V(total) = 1.833 cu.ft

Fb = 65 Hz

QL = 7

F3 = 76.05 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.359 in

## Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 45 Hz

Qms = 6.7

Vas = 153 liters

Xmax = 5.9 mm

Sd = 856 sq.cm

Qes = 0.36

Re = 5.27 ohms

Le = 0.64 mH

Z = 8 ohms

Pe = 450 watts

