

## REDCOAT GUITAR SERIES

# RF10C

A ceramic version of our popular Red Fang 12 alnico. A round and beefy tone with abundant harmonic detail, full lows, and nice grit and chime.

**10"** | **50 WATTS**  
**8 Ω**



### SPECIFICATION

|                         |                 |
|-------------------------|-----------------|
| Nominal Basket Diameter | 10", 254 mm     |
| Nominal Impedance*      | 8 Ω             |
| Power Rating*           | 50 W            |
| Resonance (Fs)          | 105 Hz          |
| Usable Frequency Range  | 80 Hz – 4.2 kHz |
| Sensitivity*            | 100.4 dB        |
| DC Resistance (Re)      | 5.98 Ω          |
| Qts                     | 0.53            |
| Magnet Weight           | 38 oz.          |
| Gap Height              | 0.31", 8 mm     |
| Voice Coil Diameter     | 1.75", 44 mm    |

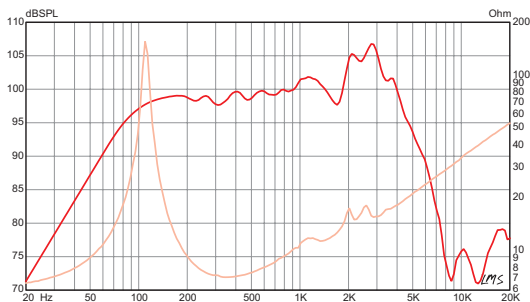
### MOUNTING INFORMATION

|                         |                          |
|-------------------------|--------------------------|
| Enclosure Type          | Closed Back              |
| Open Back               | Acceptable               |
| Driver Volume Displaced | 0.039 cu.ft., 1.1 liters |
| Overall Diameter        | 10.11", 256.8 mm         |
| Baffle Hole Diameter    | 9.13", 231.9 mm          |
| Depth                   | 4", 101.6 mm             |
| Front Sealing Gasket    | Yes                      |
| Rear Sealing Gasket     | Yes                      |
| Mounting Holes Diameter | 0.23", 5.8 mm            |
| Mounting Holes B.C.D.   | 9.6", 243.8 mm           |
| Net Weight              | 7.3 lbs, 3.31 kg         |
| Shipping Weight         | 8.4 lbs, 3.81 kg         |

### MATERIALS OF CONSTRUCTION

|                      |
|----------------------|
| Copper voice coil    |
| Nomex former         |
| Ferrite magnet       |
| Non-vented core      |
| Pressed steel basket |
| Paper cone           |
| Paper cone edge      |
| Zurette dust cap     |

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



\* See footnotes on page 2 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.

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## FOOTNOTES

### IMPEDANCE

Please consult [www.eminence.com](http://www.eminence.com) for specifications of models with alternative impedances.

### POWER RATING

Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment. Multiple compression drivers exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.

### SENSITIVITY

The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Yamaha P3500S amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges). Compression drivers were tested using a 2ft x 2ft baffle built into the wall with horn front mounted.

### COAXIALS

BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.

Prices, product cosmetics and specifications are subject to change without notice.

**EMINENCE SPEAKER LLC**

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