

8"**8FHW****Woofers****Key features:**

- HEAVY-DUTY RUBBER SURROUND AND PAPER CONE
- IDEAL FOR SMALL SUBWOOFERS, HI-FI APPLICATIONS
- HIGH POWER HANDLING

Design notes:

The 8FHW is 8-inch low frequency woofer with linear frequency response characteristics, high power handling capability while generating low harmonic distortion artifacts.

The single roll rubber surround design allows the cone to travel in long linear motion. Together with lightweight, yet strong cone, this combination provides remarkable strength, high efficiency and a excursion linearity of 13mm (one direction).

Magnetic Circuit
REDCATT engineers have developed an efficient, ferrite based magnetic circuit, capable of delivering the high level of performance providing a consistent, high integrity magnetic flux gap, low distortion characteristic. The magnetic circuit design is optimized to generate the minimum amount of flux modulation, providing exceptional stability.

Specifications:**General specs**

Nominal Diameter: 8"

Rated Impedance: 4 ohm

Power handling

AES Power: 200 watts

Program Power: 400 watts

Peak Power: 800 watts

Voice Coil

Diameter: 1.4 in.

Winding wire: Copper

Former: Aluminum

Winding height: 25.4 mm

T/S Parameters

Resonant frequency: 41 Hz

Re: 4.0 ohm

Qes: 0.75

Qms: 4.2

Qts: 0.6

Vas: 19.6 liters

Sd: 202.3 cm²

Sensitivity: 84 dB

Mms: 45.9 grams

Bl: 7.88

Le: 0.72 mH

Design details

Surround Material: Rubber

Cone material: Paper

Spider: Conex

Plate thickness: 8 mm

Peak to peak linear cone displacement: 26 mm

Overall diameter: 214 mm

Bolt circle diameter: 204 mm

Baffle cutout dia.: 181 mm

Number of mounting holes: 8

Depth (flange to rear): 105 mm

Net weight: 2.1kg

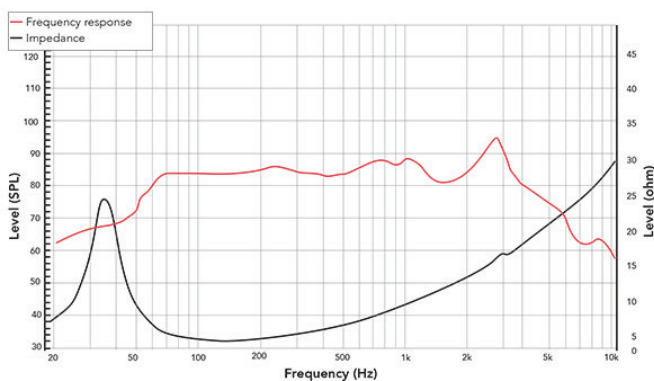
Ordering codes:

8FHW-X4 ohm-088

Recone kits:

RC8FHWX-088

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

Frequency response & Impedance

Frequency response measured on IAC baffle

2D drawing