

8" 8FHW-1

Woofer



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:	35.6 mm
Winding wire:	Copper
Former:	Aluminum
Winding height:	25.4 mm

T/S Parameters	
Resonant frequency:	41 Hz
Re:	4 ohm
Qes:	0.75
Qms:	4.2
Qts:	0.6
Vas:	19.6 liters
Sd:	202.3 cm ²
Sensitivity:	84.4 dB
Mms:	45.9 grams
Bl:	7.88
Le:	0.72 mH

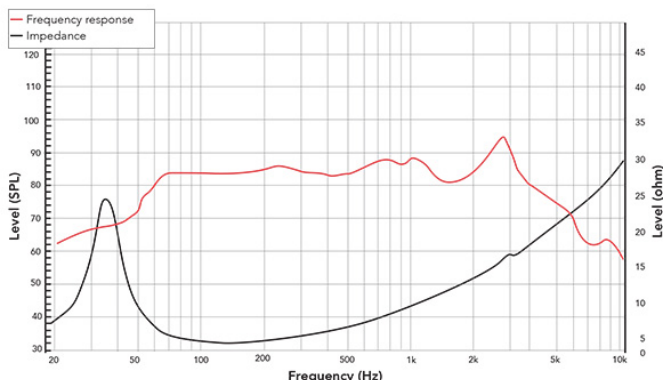
Design details	
Surround Material:	NBR
Cone material:	Paper GF
Spider:	Conex
Plate thickness:	8 mm
Overall diameter:	214 mm
Bolt circle diameter:	204 mm
Baffle cutout dia.:	181 mm
Mounting holes:	8
Depth:	105 mm
Net weight:	2.1 kg

Ordering code:

DR-8-020-4R-B2-C0001

In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



2D drawing

