8" | 8FHW

Mid-woofer

REDCATT

Key features:

- MID-WOOFER DESIGNED FOR OUTDOOR OR IN-DOOR APPLICATIONS
- UV STABILIZED POLYPROPYLENE CONE AND RUBBER SURROUND
- COMPONENTS ARE TREATED TO SURVIVE HARSH OUTDOOR ENVI-RONMENTS

Design notes:

8FHW was designed as mid-woofer, with extended frequency response to low frequencies, as well as good extension into the mid-frequencies. All parts are intensively treated for outdoor usage, cone, surround material are with UV stabilizers. The used adhesives make sure the driver is waterproof.

The cone utilizes polypropyl-ene material and rubber surround. This combination sports sizable amounts of low frequencies and good behavior in the higher mid-frequencies.

Specifications:

General specs	
Nominal Diameter:	8"
Rated Impedance:	4 ohm

Power handling	
AES Power:	100 watts
Program Power:	200 watts
Peak Power:	400 watts

Voice Coil	
Diameter:	1.2 in.
Winding wire:	Copper
Former:	Aluminum
Winding height:	15.3 mm

T/S Parameters	
Resonant frequency:	36 Hz
Re:	3.3 ohm
Qes:	0.38
Qms:	4.53
Qts:	0.35
Vas:	34.3 liters
Sd:	213.8 cm2
Sensitivity:	89 dB
Mms:	36.59 grams
Bl:	8.6
Le:	0.89 mH

Design details	
Surround Material:	Rubber
Cone material:	PP
Spider:	Nomex
Plate thickness:	8 mm
Peak to peak linear cone displacement	16.8 mm
Overall diameter:	209.5 mm
Bolt circle diameter:	197 mm
Baffle cutout dia.:	184.5 mm
Number of mounting holes:	8
Depth (flange to rear):	86.5 mm
Net weight:	1.5kg

Ordering codes:

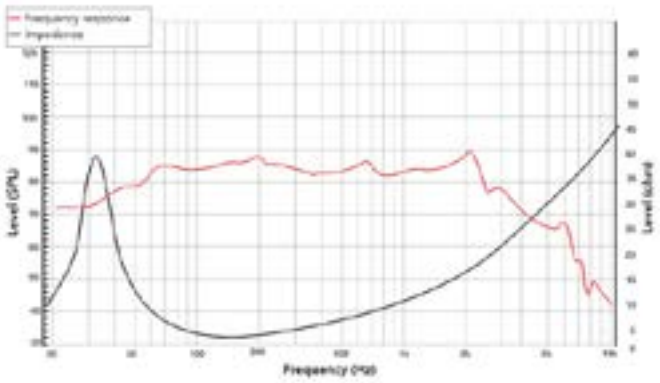
8FHW-X4 ohm-382

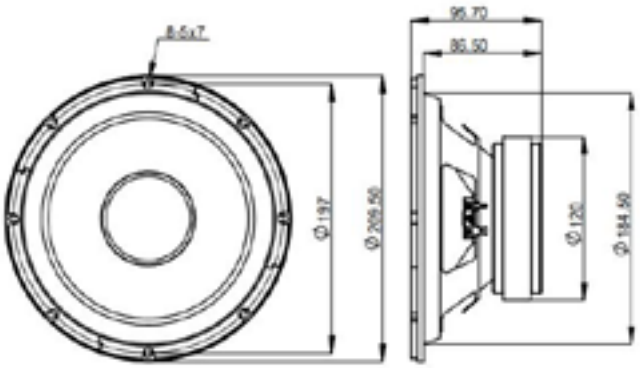
Recone kits:

RC8FHWX-382

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