

**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 ENVIRONMENTS

**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.

combination sports sizable amounts of low frequencies and good behavior in the higher mid-frequencies.

The cone utilizes polypropylene material and rubber surround. This

**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 cm<sup>2</sup>

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

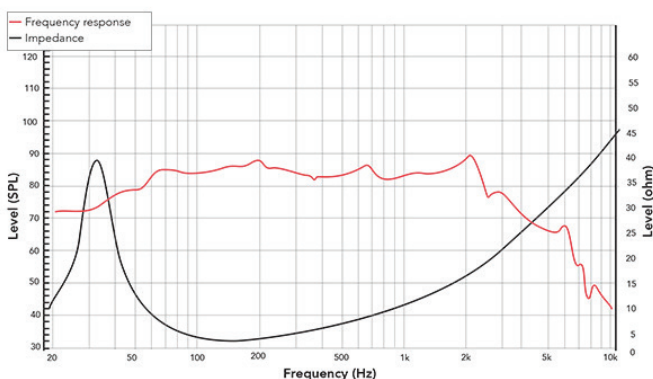
**Ordering codes:**

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**