

**5"****5FHW**

# Ferrite Woofer



## Key features:

- SMALL SUB-WOOFERS, HI-FI APPLICATIONS
- DESIGNED FOR INDOOR OR OUTDOOR APPLICATIONS

## Design notes:

The 5FHW was designed for woofer applications in either home hi-fi or outdoor speaker systems.

Our engineers have designed polypropylene cone and dustcap for this driver, combined with ferrite magnetic circuit.

Overall, this model provides great level of balance between the performance and cost.

The cone, dust cap and surround

material are produced with UV stabilizers. Furthermore, the state of the art REDCATT adhesives dispensing and selection ensures the driver is waterproof and thus can be used in outdoor applications.

## Specifications:

### General specs

Nominal Diameter: 5"  
Rated Impedance: 4 ohm

### Power handling

AES Power: 30 watts  
Program Power: 60 watts  
Peak Power: 120 watts

### Voice Coil

Diameter: 1 in.  
Winding wire: Copper  
Former: Aluminum  
Winding height: 12.4 mm

### T/S Parameters

Resonant frequency: 50 Hz  
Re: 3.2 ohm  
Qes: 0.38  
Qms: 4.94  
Qts: 0.35  
Vas: 6.55 liters  
Sd: 86.6 cm<sup>2</sup>  
Sensitivity: 86.39 dB  
Mms: 15.8 grams  
Bl: 6.55  
Le: 0.66 mH

### Design details

Surround Material: Rubber  
Cone material: PP  
Spider: Nomex  
Plate thickness: 6 mm  
Peak to peak linear cone displacement: 5.6 mm  
Overall diameter: 131 mm  
Bolt circle diameter: 123 mm  
Baffle cutout dia.: 112 mm  
Number of mounting holes: 4  
Depth (flange to rear): 60 mm  
Net weight: 1.23kg

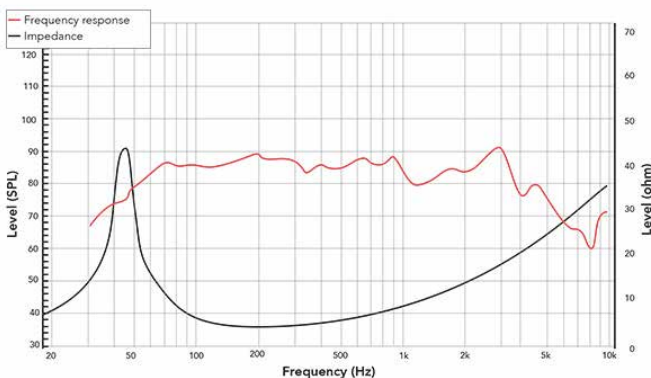
### Ordering codes:

5FHWX4-380

### Recone kits:

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

