



### Key features:

- FIBER REINFORCED PAPER CONE
- TWO DEMODULATION RINGS
- OPTIMIZED AIR VENTILATION

### Design notes:

Introducing the 101FHW: the latest iteration of our award-winning 10FHW woofer model. This high-efficiency 10-inch subwoofer delivers an impressive 87dB sensitivity (1 watt / 1 meter), offering extended low-frequency response and robust power handling capabilities.

Crafted with a fiber-reinforced paper cone assembly and a single roll rubber surround, the 101FHW is built for durability and

performance. Its Nomex spider, featuring stitched tinsel wires, ensures long-lasting reliability even in high-powered applications. Enhanced back plate space and additional venting have been integrated to optimize power handling and cooling, making this woofer truly exceptional.

The carefully selected materials provide remarkable strength, high efficiency, and sustained output under extreme conditions.

On the magnetic front, our REDCATT engineers have designed a cutting-edge ferrite-based magnetic circuit that sets a new standard for performance. This innovative design features a consistent, high-integrity magnetic flux gap, ultra-low distortion characteristics, and an efficient cooling system. With integrated aluminum shorting rings, the magnetic circuit minimizes flux modulation, ensuring exceptional stability

### Specifications:

#### General specs

Nominal Diameter: 10"  
Rated Impedance: 8 ohm

#### Power handling

AES Power: 200 watts  
Program Power: 400 watts  
Peak Power: 800 watts

#### Voice Coil

Diameter: 2 in.  
Winding wire: Copper  
Former: Aluminum  
Winding height: 32.3 mm

#### T/S Parameters

Resonant frequency: 25 Hz  
Re: 5.8 ohm  
Qes: 0.43  
Qms: 1.76  
Qts: 0.34  
Vas: 73.3 liters  
Sd: 363 cm<sup>2</sup>  
Sensitivity: 87 dB  
Mms: 100.2 grams  
Bl: 14.6  
Le: 0.63 mH

#### Design details

Surround Material: Rubber  
Cone material: Paper  
Spider: Nomex  
Plate thickness: 8 mm  
Peak to peak linear cone displacement: 27.6 mm  
Overall diameter: 269 mm  
Bolt circle diameter: 257 mm  
Baffle cutout dia.: 238 mm  
Number of mounting holes: 8  
Depth (flange to rear): 123 mm  
Net weight: 6kg

#### Ordering codes:

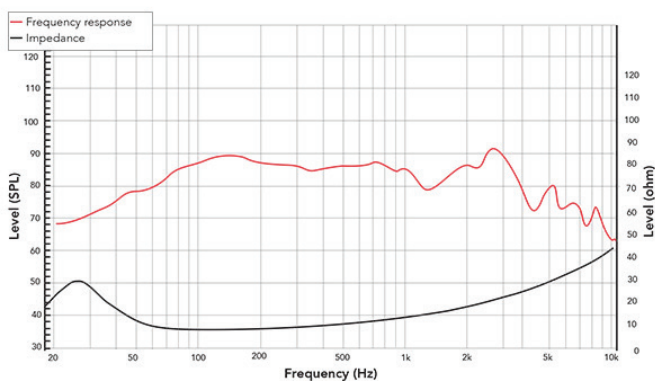
101FHW-X8 ohm-118D

#### Recone kits:

RC101FHWX-118D

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

