

10" 10FHW

Sub-woofer



Key features:

• ANODIZED ALUMINUM CONE

• TWO DEMODULATION RINGS

• OPTIMIZED AIR VENTILATION

Design notes:

Introducing the 10FHW: the latest evolution of our acclaimed 10FHW woofer model. This high-efficiency 10-inch subwoofer boasts an impressive 86dB sensitivity (1 watt / 1 meter), delivering extended low-frequency response and exceptional power handling capabilities.

Crafted with a robust anodized aluminum cone assembly and a single roll rubber surround, the 101FHW is designed for durability and performance. Its Nomex spider, complete with stitched tinsel wires, ensures longevity even in

high-powered scenarios. Enhanced back plate space and additional venting optimize power handling and cooling, making this woofer a standout in its class.

Our innovative material selection guarantees remarkable strength, high efficiency, and sustained output under the most demanding conditions.

On the magnetic front, REDCATT engineers have developed a cutting-edge ferrite-based

magnetic circuit that elevates performance to new heights. This design features a consistent, high-integrity magnetic flux gap, ultra-low distortion characteristics, and an efficient cooling system. With integrated aluminum shorting rings, our optimized magnetic circuit minimizes flux modulation, ensuring exceptional stability and reliability.

Experience the power and precision of the 101FHW—where innovation meets performance.

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:	50.8 mm
Winding wire:	Copper
Former:	Aluminum
Winding height:	32.3 mm

T/S Parameters	
Resonant frequency:	24 Hz
Re:	5.7 ohm
Qes:	0.45
Qms:	2.37
Qts:	0.37
Vas:	65.9 liters
Sd:	346 cm ²
Sensitivity:	86 dB
Mms:	113.4 grams
Bl:	14.7
Le:	0.58 mH

Design details	
Surround Material:	NBR
Cone material:	Aluminum
Spider:	Nomex
Plate thickness:	8 mm
Overall diameter:	269 mm
Bolt circle diameter:	257 mm
Baffle cutout dia.:	238 mm
Mounting holes:	8
Depth:	123 mm
Net weight:	6 kg

Ordering codes:

DR-10-009-8R-B2-C0001

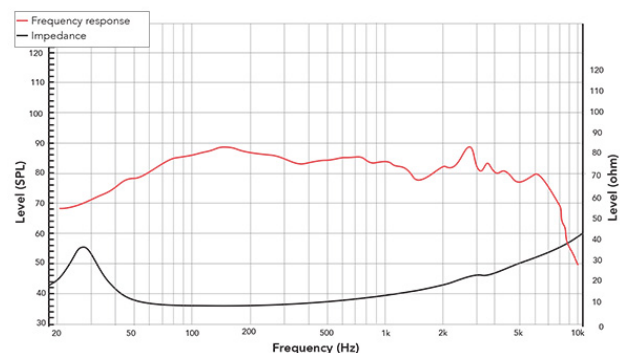
Legacy code: 10FHWX8-117D

Recone kits:

RC10FHWX8-117D

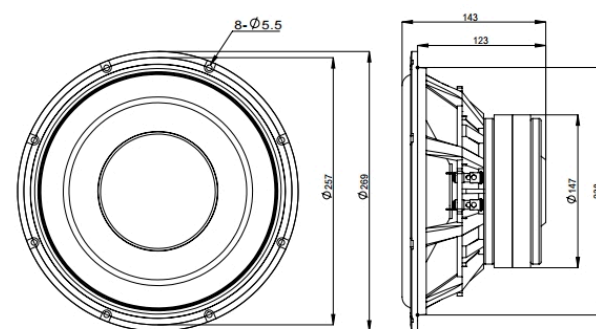
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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