



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

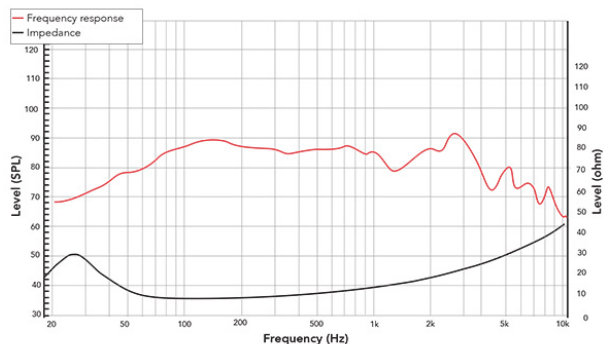
performance. This innovative design features a consistent, high-integrity magnetic flux gap, ultra-low distortion characteristics, and an efficient cooling system. With integrated aluminum shorting rings, the magnetic circuit minimizes flux modulation, ensuring exceptional stability and reliability.

Experience the power and precision of the 101FHW—where cutting-edge technology meets outstanding performance.

Specifications:

General specs		T/S Parameters		Design details		Ordering codes:	
Nominal Diameter:	10 "	Resonant frequency:	25 Hz	Surround Material:	NBR	DR-10-006-8R-B2-C0001	
Rated Impedance:	8 ohm	Re:	5.8 ohm	Cone material:	Paper GF	Legacy code: 101FHWX8-118D	
Power handling		Qes:	0.43	Spider:	Nomex	Recone kits:	
AES Power:	200 watts	Qms:	1.76	Plate thickness:	8 mm	RC101FHWX8-118D	
Program Power:	400 watts	Qts:	0.34	Overall diameter:	269 mm	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.	
Peak Power:	800 watts	Vas:	73.3 liters	Bolt circle diameter:	257 mm		
Voice Coil		Sd:	363 cm ²	Baffle cutout dia.:	238 mm		
Diameter:	50.8 mm	Sensitivity:	87 dB	Mounting holes:	8		
Winding wire:	Copper	Mms:	100.2 grams	Depth:	123 mm		
Former:	Aluminum	Bl:	14.6	Net weight:	6 kg		
Winding height:	32.3 mm	Le:	0.63 mH				

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

