



**Key features:**

- GOOD LOW FREQUENCY EXTENSION
- ALUMINUM CHASSIS, ALUMINUM CONE, NOMEX SPIDER WITH ATTACHED TINSEL WIRE
- HIGH POWER HANDLING

**Design notes:**

The 10FWH is a high efficiency, (84dB 1watt / 1 meter) 10-inch sub-woofer speaker with extended low frequency response and high power handling capability. The 10FWH uses a strong anodized aluminum cone assembly along with a single roll rubber surround. Spider is Nomex material with stitched-on tinsel wires. This ensures long lasting performance even in high powered applications. The chosen material combination provides remarkable strength,

high efficiency and sustained output under extreme conditions.

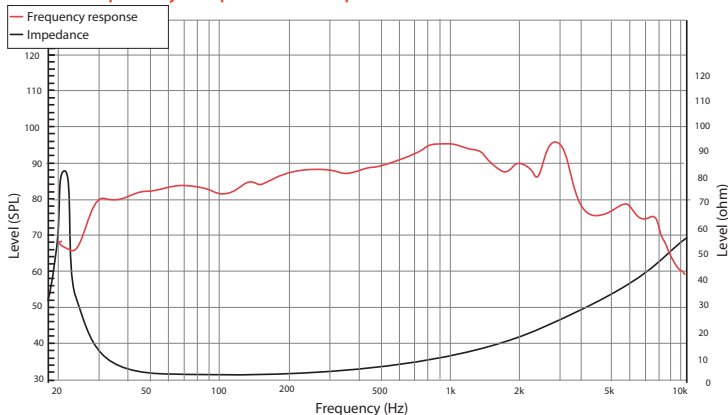
**Magnetic Circuit**  
 REDCATT engineers have developed a ferrite based magnetic circuit, capable of delivering the highest level of performance, providing a consistent, high integrity magnetic flux gap, ultra low distortion characteristic and high efficiency cooling system. The magnetic structure has integrated two

aluminum shorting rings. The magnetic circuit design is optimized to generate the minimum amount of flux modulation, providing exceptional stability.

**Specifications:**

General specs	T/S Parameters	Design details	Ordering codes:	
Nominal Diameter: 10 in.	Resonant frequency: 23 Hz	Surround Material: Rubber	4 ohm version: /	
Rated Impedance: 8 Ohm	Re: 5,9 ohm	Cone material: Aluminum	8 ohm version: 10FWHX8-288	
<b>Power handling</b>	Qes: 0.33	Spider: Single nomex	16 ohm version: -NA-	
AES Power: 100 Watts	Qms: 7,47	Plate thickness: 6 mm	Recone kits:	
Program Power: 200 Watts	Qts: 0.32	Peak to peak linear cone Displacement: 20 mm		4 ohm version: RC10FWHX4-288
Peak Power: 400 Watts	Vas: 69 liters	Overall diameter: 269 mm		8 ohm version: RC10FWHX8-288
<b>Voice Coil</b>	Sd: 346 cm <sup>2</sup>	Bolt circle diameter: 257 mm	16 ohm version: -NA-	
Diameter: 1.3 in.	Sensitivity: 89 dB	Baffle cutout dia.: 238 mm		
Winding wire: Copper	Mms: 111 grams	Number of mounting holes: 8		
Former: Aluminum	Bl: 17	Depth (flange to rear): 114.5 mm		
Winding height: 18.5 mm	Le: 1.4 mH	Net weight: 10.0 kg		

**Frequency response & Impedance**



Frequency response measured in box

**2D drawing**

