

15" 15FIND

Woofer



Key features:

- GLASS FIBER AND RIB REINFORCED PAPER CONE

- FEM OPTIMIZED AIR CIRCULATION

- SILICONE SEALED SURROUND

Design notes:

The 15FIND is a high efficiency, (97 dB 1watt / 1 meter) 15-inch woofer with incredibly linear frequency response characteristics, extreme high power handling capability while generating low harmonic distortion artifacts. The 15FIND uses a lightweight, but strong, glass fiber loaded cone assembly along with a high excursion triple roll constant geometry surround. This combination provides

remarkable strength, high efficiency and a peak to peak maximum excursion of 21mm.

Power Handling

At the core of the 15FIND is it's voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures in excess of 250°C, well beyond the thermal requirements of modern

professional audio systems. Winding if wound on the outside and inside of the former.

REDCATT has implemented a silicone spider design to ensure long term Fs memory, consistency and diminish anomalies associated with spider deterioration. The sealed spider works as a air pump and pushes the air trough out motor to

Specifications:

General specs	
Nominal Diameter:	15 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	1000 watts
Program Power:	2000 watts
Peak Power:	4000 watts
Voice Coil	
Diameter:	101.6 mm
Winding wire:	Copper
Former:	Glass Fiber
Winding height:	25.5 mm

T/S Parameters	
Resonant frequency:	42 Hz
Re:	5.4 ohm
Qes:	0.37
Qms:	8.31
Qts:	0.36
Vas:	96.4 liters
Sd:	881 cm²
Sensitivity:	96.65 dB
Mms:	159.6 grams
Bl:	24.6
Le:	1.18 mH

Design details	
Surround Material:	fabric
Cone material:	Paper GF
Spider:	Nomex
Plate thickness:	12 mm
Overall diameter:	392 mm
Bolt circle diameter:	373 mm
Baffle cutout dia.:	360 mm
Mounting holes:	8
Depth:	150 mm
Net weight:	12 kg

Ordering codes:

DR-15-017-8R-B2-C0001

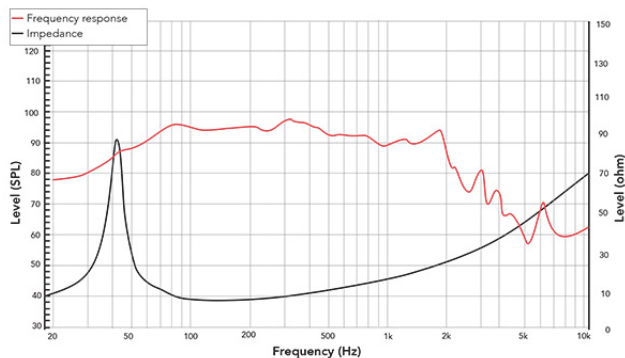
Legacy code: 15FINDX8-035

Recone kits:

RC15FINDX8-035

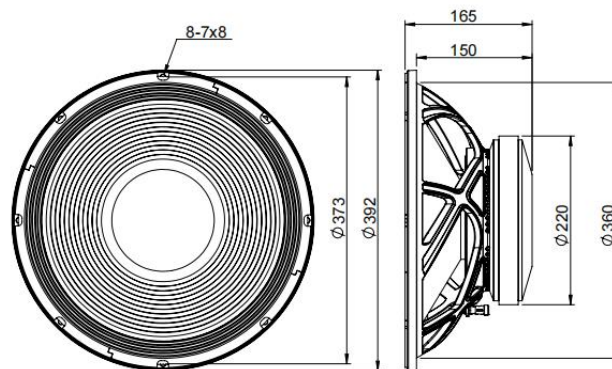
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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