

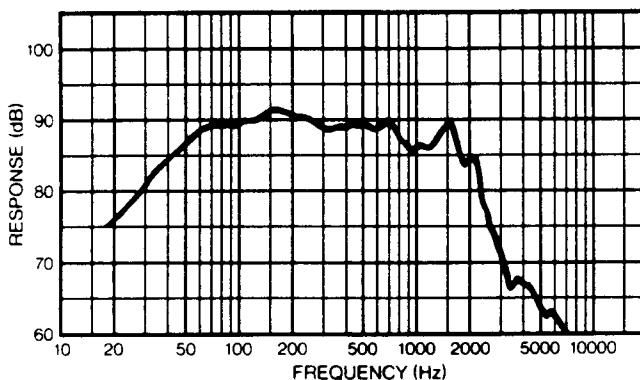
# Technical Specifications

	SYMBOL	UNIT	KFC-HQW250
Nominal Impedance	Z	ohms	4
DC Resistance	R <sub>E</sub>	ohms	3.80
Voice Coil Inductance	L <sub>BM</sub>	μH	0.733 × 10 <sup>3</sup>
Resonant Frequency	F <sub>SO</sub>	Hz	31
Resonant Frequency Impedance	Z <sub>SO</sub>	ohms	20.20
Mechanical Q Factor	Q <sub>MS</sub>		2.792
Electrical Q Factor	Q <sub>ES</sub>		0.545
Total Q Factor	Q <sub>TS</sub>		0.456
Volume Acoustic Compliance	V <sub>AS</sub>	liter (cu.ft.)	41.91 1.48
Mechanical Resistance	R <sub>MS</sub>	kg/s	5.442
Moving Mass	M <sub>MS</sub>	g	63.03
Suspension Compliance	C <sub>MS</sub>	m/N	0.198 × 10 <sup>-3</sup>
Emissive Diameter of the Diaphragm	D	mm	215
Voice Coil Diameter	d	mm	64.80
Voice Coil Layers	n		2
Flux Density	B	T	0.82
Force Factor	BL	T·m	9.614
Diameter of Magnet	A	mm	130
Weight of Magnet	M	kg	1.8
Total Flux	Φ	Wb	1.52 × 10 <sup>-3</sup>
Peak Excursion	X <sub>max</sub>	mm	6

## Recommended Box and Port size

Recommended Box size		42 liter (1.5cu.ft.)
Recommended Port size	Diameter	76 mm (3 in)
	Length	178 mm (7 in)

## Frequency response



## Dimensions

Unit: mm(inch)

