



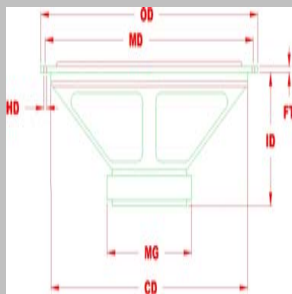
Specification

Cone	HEMPMatrix™
Motor/Magnet	Ferrite
Surround	Pre-treated accordion cloth edge
Basket	Round Die Cast Aluminum
High Frequency	Dual Cone
Voice Coil	1.0", 8 ohm Kraft/Nomex
Frequency Range	40 to 20,000 Hz
Sensitivity	95.5 dB SPL at 1w/1m (3.3 ft)
Rated power	45 watts
Program power	90 watts
Net Weight	1.5kg (3.30 lb)
Magnet Weight	566gr/20oz

Thiele & Small Parameters

Nominal Impedance	8 ohms
Resonant Frequency (fs)	45hz
DC Resistance (Re)	6.2
Mechanical Q (Qms)	2.5
Electromagnetic Q (Qes)	0.5
Total Q (Qts)	0.4
Compliance Equivalent Volume (Vas)	95.5 liters
Diaphragm mass & air load (Mms)	9gr
Linear Xmax (Xmax)	1.9mm

Mounting Information



ID	Description	mm
OD	Outside Diameter	224
CD	Cutout Diameter	184
MG	Magnet Diameter	86
HD	Hole Diameter	6
MD	Mounting Diameter	210
ID	Internal Depth	95
FT	Flange Thickness	6



Hemp Acoustics FR8C

\$130. each

Recommended for Hi-Fi and Professional audio as a full-range. Best suited bass reflex, open baffle, or transmission lines.



(tested in IEC 60268-5 Type A enclosure)