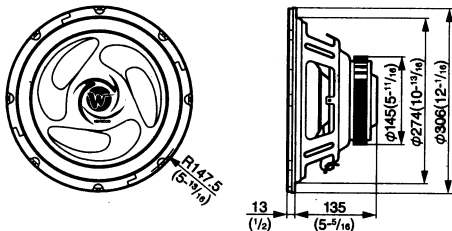


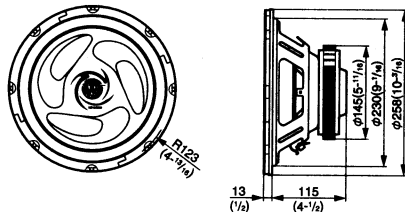
	■ KFC-WF303	■ KFC-WF253
Subwoofer	300 mm (12") Pearl Mica Cone type	250 mm (10") Pearl Mica Cone type
Nominal Impedance	4 Ω	4 Ω
Peak Input Power	600 W	500 W
Rated Input Power	160 W	130 W
Sensitivity	93 dB/W at 1 m	91 dB/W at 1 m
Free Air Resonance	37 Hz	44 Hz
Frequency Response	25-800Hz	28-800Hz
Dimensions		
Diameter	306 mm (12-1/16in.)	258 mm (10-3/16in.)
Depth	148 mm (5-13/16in.)	128 mm (5-1/16in.)
Mounting Depth	135 mm (5-5/16in.)	115 mm (4-1/2in.)
Net Weight	4120 g	3570 g
Supplied Parts	Screw φ 4 × 25 × 8 Spacer × 1	Screw φ 4 × 25 × 8 Spacer × 1
Per Piece		

■ Dimensions

KFC-WF303



KFC-WF253



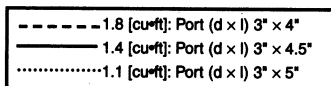
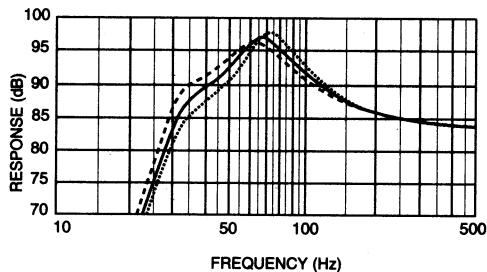
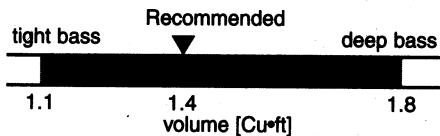
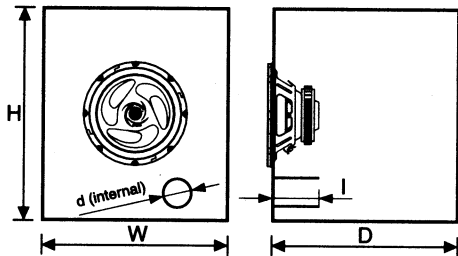
Unit: mm (inch)

Technical specifications

	SYMBOL	UNIT	MODEL NAME	
			KFC-WF303	KFC-WF253
Nominal Impedance	Z	Ohm	4	4
DC Resistance	Revc	Ohm	3.34	3.39
Voice Coil Inductance	Levc	mH	1.10	0.90
Piston Area	Sd	sqm	0.0491	0.0347
Force Factor	BL	Tm	9.80	7.57
Volume Acoustic Compliance	Vas	liter	62.50	27.50
Compliance		cu*ft	2.207	0.971
Moving Mass	Mms	g	100.1	69.1
Resonant Frequency	Fs	Hz	37	44
Mechanical Q Factor	Qms		23.82	11.75
Electrical Q Factor	Qes		0.81	1.12
Total Q Factor	Qts		0.78	1.02
Peak Power	W	Watts	600	500
Peak Excursion	Xmax	mm	9	12
Displacement		cc	3980	2280
		cu*ft	0.141	0.080
Mounting Depth		mm (in.)	135 (5-5/16)	115 (4-1/2)
Weight of Magnet		g (oz.)	1200 (42.3)	1000 (35.3)
Voice Coil Diameter		mm (in.)	65(2-9/16)	48 (1-7/8)

-KFC-WF253-

■ PORTED



Recommended Enclosures (Center)

*W, H, D.....External Dimensions

Model Name	Volume	W	H	D	Mounting Hole	Port Diameter d	Port Length l	Displacement
KFC-WF253	1.4	350 (13 3/4)	505 (19 7/8)	340 (13 3/8)	232 (9-1/8)	76 (3)	114 (4-1/2)	0.08
(unit)	Cu*ft	mm (in.)						Cu*ft

Use 21 mm (3/4 inch) thick Medium Density Fiberboard (MDF) or High Density Particleboard.

Internal enclosure volume

Volume d'enceinte interne

Innengehäusevolumen

Intern volume

Volume dell'involucro interno

Volumen interno de la caja acústica

$$= \frac{W \text{ (inch)} \times H \text{ (inch)} \times D \text{ (inch)}}{1728} \quad [\text{cu}\cdot\text{ft}]$$

$$= \frac{W \text{ (m)} \times H \text{ (m)} \times D \text{ (m)}}{0.0283} \quad [\text{cu}\cdot\text{ft}]$$

