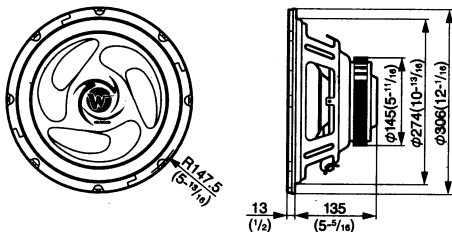


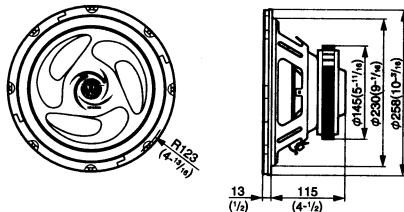
	■ KFC-WF303	■ KFC-WF253
<b>Subwoofer</b>	300 mm (12") Pearl Mica Cone type	250 mm (10") Pearl Mica Cone type
<b>Nominal Impedance</b>	4 Ω	4 Ω
<b>Peak Input Power</b>	600 W	500 W
<b>Rated Input Power</b>	160 W	130 W
<b>Sensitivity</b>	93 dB/W at 1 m	91 dB/W at 1 m
<b>Free Air Resonance</b>	37 Hz	44 Hz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

## ■ Dimensions

### KFC-WF303



### KFC-WF253



Unit: mm (inch)

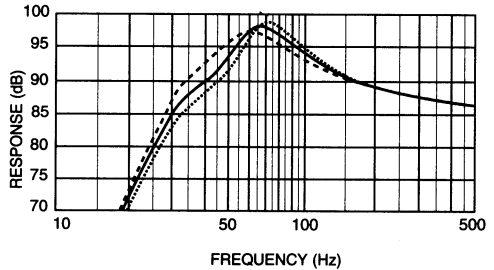
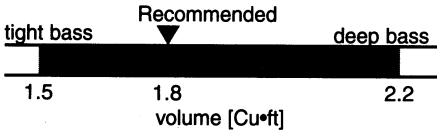
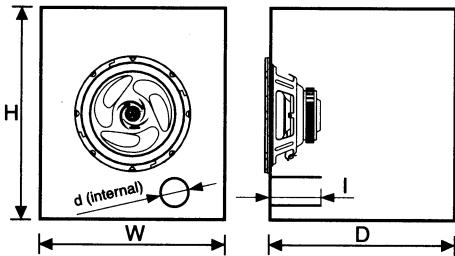
# Technical specifications

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

# Recommended enclosures

## -KFC-WF303-

### ■ PORTED



- 2.2 [cu\*ft]: Port (d x l) 3.5" x 4.25"
- 1.8 [cu\*ft]: Port (d x l) 3" x 4"
- ..... 1.5 [cu\*ft]: Port (d x l) 3" x 4.25"

### Recommended Enclosures (Center)

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

Model Name	Volume	W	H	D	Mounting Hole	Port Diameter d	Port Length l	Displacement
KFC-WF303	1.8	380 (14 15/16)	505 (19 7/8)	388 (15 1/4)	276 (10-7/8)	76 (3)	102 (4)	0.141
(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**

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

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

