VFL

AUDIO

WORLD CHAMPIONS

USER MANUAL

VFL-65D2/D4
VFL-8D2/D4
VFL-10D2/D4

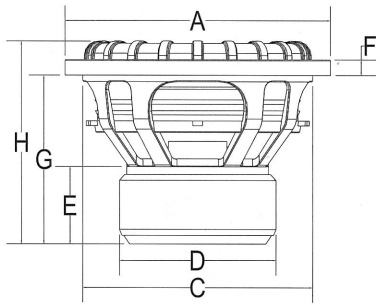
Due to continuous pursuit of performance,
specifications change without prior notice.

VFL-65D2/D4

6.5" SUBWOOFER

Features:

Heavy duty die cast basket with black powder finish;
Kevlar fiber added non-press paper cone;
Red stitched Hi-roll ribbed foam surround;
Kevlar woven composite dust cap;
2" 4-layer high temperature voice coil;
Reliable black poly-cotton spider system with mirror image Arrangement, top spider with woven tinsel;
Double stacked 70oz Strontium magnets;
Direct VC cooling motor design;
Rubber magnet boot and rubber gasket;
DVC2-ohm (D2) and DVC4-ohm (D4) Impedance;
300W RMS power and 600W MAX power



VFL-65D2/D4 DIMENSIONS

Dimensions	Value	VFL-65D2/D4	
Diameter A	mm	180	180
Diameter B	mm	163	163
Diameter C	mm	152	152
Diameter D	mm	140	140
Depth E	mm	50	50
Depth F	mm	14	14
Depth G	mm	103	103
Depth H	mm	127	127

VFL-65D2/D4 subwoofers T/S Parameters

	Imp	Dcr	Fs	SD	BL	Qms	Qes	Qts	n	SPLo	Vas	Cms	Mms	Mmd	Xmax	Vd
Model	ohm	ohm	Hz	msqM	Tm					dB	L	μm/N	g	g	±mm	L
VFL-65D2	1	0.9	53.1	13.27	6.60	5.58	0.61	0.55	0.083	81.2	2.483	101.25	73.46	72.58	8	1.23
VFL-65D2	4	3.8	53.1	13.27	12.05	4.95	0.584	0.52	0.085	81.3	2.619	102.70	72.57	71.69	8	1.23
VFL-65D4	2	1.7	54.3	13.27	8.41	4.73	0.656	0.58	0.077	80.9	2.552	102.02	70.27	69.40	8	1.23
VFL-65D4	8	6.8	54.9	13.27	16.76	4.47	0.604	0.53	0.082	81.3	2.906	103.17	70.35	69.48	8	1.23

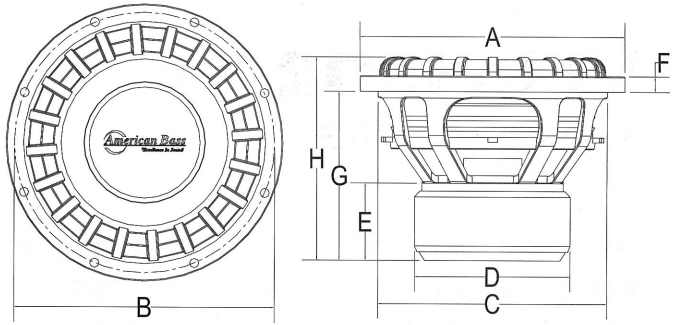
*Above parameters are tested after each subwoofer was break-ined under 300W power for 8hours.
*Due to continuous pursuit of performance, specifications change without prior notice.

VFL-8D2/D4

8" SUBWOOFER

Features:

Heavy duty die cast basket with black powder finish;
Kevlar fiber added non-press paper cone;
Red stitched Hi-roll ribbed foam surround;
Kevlar woven composite dust cap;
2.5" 4-layer high temperature voice coil;
Reliable black poly-cotton spider system with mirror image Arrangement, top spider with woven tinsel;
Double stacked 120oz Strontium magnets;
Direct VC cooling motor design;
Rubber magnet boot and rubber gasket;
DVC2-ohm (D2) and DVC4-ohm (D4) Impedance;
600W RMS power and 1200W MAX power



VFL-8D2/D4 DIMENSIONS

Dimensions	Value	VFL-8D2/D4	
Diameter A	mm	220	220
Diameter B	mm	199	199
Diameter C	mm	188	188
Diameter D	mm	162	162
Depth E	mm	69	69
Depth F	mm	14	14
Depth G	mm	138	138
Depth H	mm	170	170

VFL-8D2/D4 subwoofers T/S Parameters

	Imp	Dcr	Fs	SD	BL	Qms	Qes	Qts	n	SPLo	Vas	Cms	Mms	Mmd	Xmax	Vd
Model	ohm	ohm	Hz	msqM	Tm					dB	L	μm/N	g	g	±mm	L
VFL8D2	1	0.9	37.2	18.87	9.90	4.14	0.377	0.35	0.078	80.9	5.009	99.07	166.26	164.77	13	2.28
VFL8D2	4	3.8	36.8	18.87	21.00	3.79	0.362	0.33	0.077	80.9	4.941	97.73	172.59	171.10	13	2.28
VFL8D4	2	1.7	39.9	18.87	11.79	4.29	0.516	0.46	0.063	80.5	4.559	90.18	160.29	158.80	13	2.28
VFL8D4	2	6.8	39.4	18.87	26.08	3.6	0.431	0.39	0.072	80.6	4.504	89.09	165.85	164.36	13	2.28

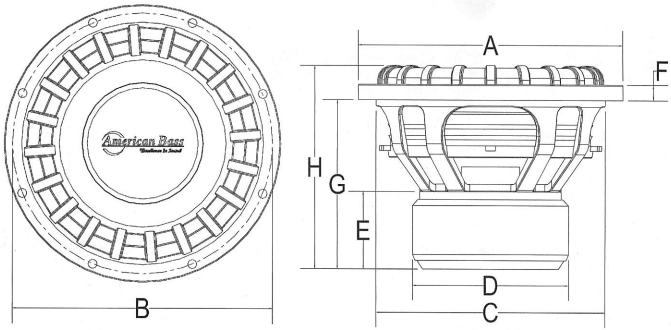
*Above parameters are tested after each subwoofer was break-ined under 600W power for 8hours.
*Due to continuous pursuit of performance, specifications change without prior notice.

VFL-10D2/D4

10" SUBWOOFER

Features:

Heavy duty die cast basket with black powder finish;
Kevlar fiber added non-press paper cone;
Red stitched Hi-roll ribbed foam surround;
Kevlar woven composite dust cap;
2.5" 4-layer high temperature voice coil;
Reliable black poly-cotton spider system with mirror image
Arrangement, top spider with woven tinsel;
Double stacked 150oz Strontium magnets;
Direct VC cooling motor design;
Rubber magnet boot and rubber gasket;
DVC2-ohm (D2) and DVC4-ohm (D4) Impedance;
800W RMS power and 1600W MAX power



DWL15D2/D4 DIMENSIONS

Dimensions	Value	VFL-10D2/D4	
Diameter A	mm	275	275
Diameter B	mm	255	255
Diameter C	mm	232	232
Diameter D	mm	176	176
Depth E	mm	71	71
Depth F	mm	16	16
Depth G	mm	164	164
Depth H	mm	200	200

VFL-10D2/D4 subwoofers T/S Parameters

	Imp	Dcr	Fs	SD	BL	Qms	Qes	Qts	n	SPLo	Vas	Cms	Mms	Mmd	Xmax	Vd
Model	ohm	ohm	Hz	msqM	Tm					dB	L	μm/N	g	g	±mm	L
VFL10D2	1	0.9	35.8	31.42	10.87	4.29	0.386	0.35	0.141	83.5	12.3	87.78	225.54	222.34	14	3.39
VFL10D2	4	3.8	35.6	31.42	20.87	4.08	0.374	0.34	0.170	84.3	14.64	104.48	191.76	188.56	14	3.39
VFL10D4	2	1.7	39.0	31.42	12.94	4.22	0.501	0.45	0.133	83.3	11.6	82.75	201.19	197.99	14	3.39
VFL10D4	8	6.8	38.9	31.42	26.66	4.09	0.476	0.43	0.138	83.4	11.54	82.32	203.77	200.56	14	3.39

*Above parameters are tested after each subwoofer was break-ined under 800W power for 8hours.
*Due to continuous pursuit of performance, specifications change without prior notice.