

Forsythe Series

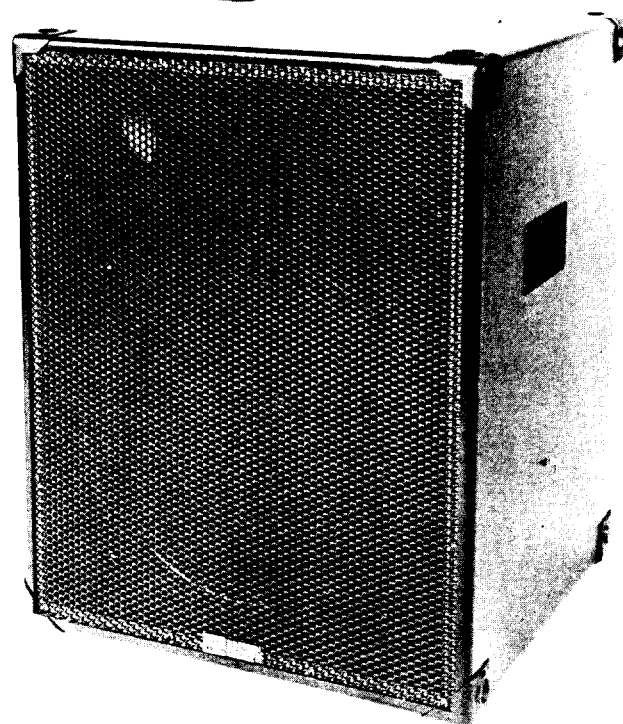
VB125P, VB318P, VB300P

Introduction

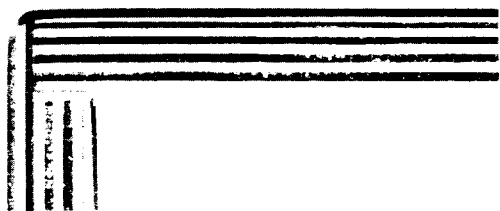
EAW VB Series vented direct radiator, low frequency reproducers are designed for use as bass guitar systems, low frequency elements in multi-way nearfield sound reinforcement systems and as sub-woofers for use with existing full range systems or other high quality music reproduction applications where smooth response and extended low frequency response is required. The painstaking attention to detail, from quality cabinet to durable drivers, is what sets EAW VB Series products apart from other vented systems on the market today.

Our cabinet construction is simple in appearance, meticulous in nature. We use only cross-grain-laminated European birch with 18 plies to the inch for all exterior surfaces, providing higher strength to weight ratio than any other cabinet material in use today. In comparison, most manufacturers use particle board which, not only chips easily during transport, can produce output-robbing panel resonances. Inside, the construction is equally impressive. Surfaces are lined with 3.5 inch damping material to absorb reflections. Extensive internal braces eliminate all together the possibility of resonances, even at high drive levels.

All VB Series enclosures come road ready: vinyl dipped heavy gauge perforated steel grills, recessed handles and protective corners are standard.



VB125P
Compact Vented
Low Frequency System



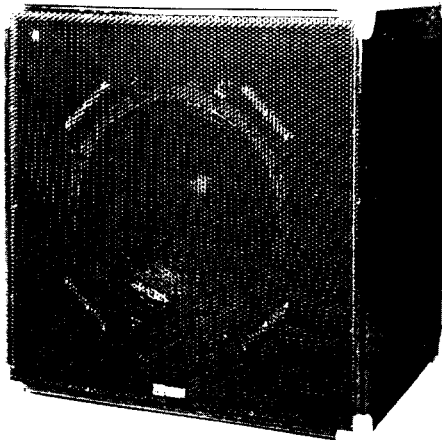
Enclosure Construction

All EAW Road Systems utilize Cross-Grainlaminated Birch Hardwood (as can easily be seen by the stripes in the wood) for maximum sheer strength. Tongue and groove joints ensure reliability even under the most demanding transport abuse.

The VB125 is EAW's oldest vented system and has proven itself over the years in hundreds of applications including bass guitar use in national tours and sub-woofers for symphonic concert performances. It features an exclusive interchangeable vent, enabling it to be optimally vented for use with any commercially available 15 inch driver. Additionally, the VB125 can be retuned in the field using factory supplied port kits if a driver update is made.

The VB125P is a four cubic foot vented box incorporating a single RCF PRO L15/542 380mm (15 in) driver. It offers smooth response over the 40 to 1.2k Hz band with 124 dB SPL maximum output. Its compact size and durable construction make it ideally suited for use as a bass guitar system or portable bass reinforcement for traveling dance systems.

Forsythe Series Vented Systems



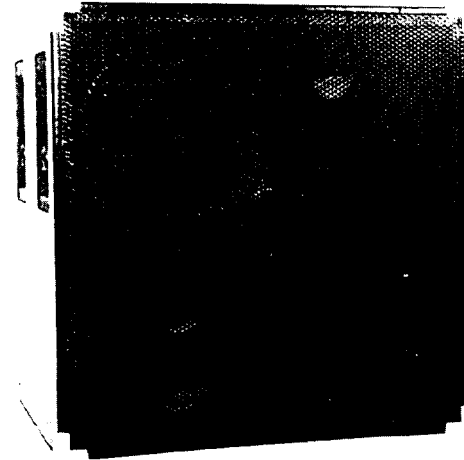
VB318P

VB318P Extended Low Frequency Vented System

The VB318P is a 10 cubic foot enclosure incorporating a single RCF PRO L18/851 440mm (18 in) bass driver. It offers smooth response over the 25 to 600 Hz band with 127 dB SPL maximum output. Its extended low frequency response and high output make it ideal for use as a sub-woofer below full range systems for increasing the dynamic impact in music reproduction applications.

VB300P High Output Low Frequency Vented System

The VB300P is a 10 cubic foot enclosure incorporating two RCF PRO L15/542 380mm (15 in) bass drivers. It offers smooth response over the 30 to 800 Hz band with 131 dB SPL maximum output. It can be used full range for bass guitar, as the low frequency element in sound reinforcement systems or as a sub-woofer in dance music playback systems.



VB300P

Specifications

Model:	VB125P	VB318P	VB300P
Drivers:	RCF PRO L15/542 380mm 15 inch	RCF PRO L18/851 440mm 18 inch	Two RCF PRO L15/542 380mm 15 inch
Frequency Response:			
+3 dB:	42 to 1.2k Hz	28 to 600 Hz	35 to 800 Hz
-10 dB:	36 to 6k Hz	22 to 2.5k Hz	30 to 2.5k Hz
Sensitivity (1w@1m):	98 dB SPL	98 dB SPL	103 dB SPL
Half Space Efficiency:	3.7%	3.1%	7.4%
Power Handling:			
100 Hour Sine Wave:	150 watts	200 watts	300 watts
100 Hour IEC Noise:	300 watts	400 watts	600 watts
AES Standard:	375 watts	500 watts	750 watts
Maximum Output:	125 dB SPL	127 dB SPL	131 dB SPL
Max Acoustic Output:	13.8 watts	15.5 watts	55.5 watts
Directivity Factor Q:	5 @ 500 Hz	5 @ 300 Hz	6 @ 500 Hz
Nominal Impedance:	8Ω	8Ω	4Ω
Enclosure Volume:	4.0 ft ³	10 ft ³	10 ft ³
Dimensions:	18 in 20 in 25 in	29.75 in 30 in 23.75 in	29.75 in 30 in 23.75 in