



VLF218

DUAL 18-INCH SUBWOOFER SYSTEM



The newly updated and highly efficient dual 18-inch VLF218 is the latest addition to Community's VLF Series of versatile subwoofer systems. With power handling of 1600W continuous (4000W program) and sensitivity of 99dB/W/m, it offers exceptional punch, high output, and low distortion. Additionally, the drivers may be configured internally to be driven by a single amp (1600W @ 4 ohms) or by dual amplifiers (800W @ 8 ohms each).

The VLF218 uses a unique combination of techniques to keep voice coil temperatures low to avoid power compression that causes reduced output at higher volume levels. Using

a proprietary method known as Active-Air Cooling, the motor structures of each driver are situated inside of the port where the outside moving air actively removes heat from the assembly. Additionally, cone movement drives air through the vented magnet pole-piece to cool the motor structures further. BCL (Balanced Cone Loading) improves the linearity of the system by balancing the front and rear air loads. The 3rd harmonic distortion at 40V (50% power) averages less than 1.9% over its operating range and the enclosure has strong internal bracing to reduce sound energy losses from enclosure vibration.

Standard units are fully outfitted with pocket lifting handles, corner "hand truck" bar grip handles, tour-grade casters, top and bottom stacking cups and rubber feet. Standard available options include front and rear Seat Track, pole sockets, custom colors, and fiberglass covered weatherized versions.

Loudspeaker Type:	Ported subwoofer
Drivers:	2 x 18-inch cast frame, vented pole
Operating Range:	30 Hz - 250 Hz 40 Hz - 125 Hz (+/- 3 dB)
Nominal Impedance:	4 ohms
Max Input Ratings:	1600W continuous, 4000W program 80 volts RMS, 179 volts momentary peak
Recommended Power Amplifier for Maximum SPL:	3200W to 4800W @ 4 ohms
Sensitivity (1W/1m):	99 dB SPL (40 Hz - 125 Hz 1/3 octave bands)
Maximum Output:	131 dB SPL / 138 dB SPL (peak)
Dimensions (in standing vertical position):	Height: 45 inches (1143 mm) Width: 22.5 inches (572 mm) Depth: 29.8 inches (757 mm)
Weight:	190 lbs (86.2 kg)



APPLICATIONS:

- Sound reinforcement / portable sound systems
- Dance and music clubs
- Houses of worship
- DJ systems
- Theaters and performing arts centers
- Convention centers, warehouses and factories
- Multi-use sports facilities and stadiums

FEATURES:

- Exceptional punch, high output and low distortion
- Active-Air vented pole cooling
- Independent bass ports for efficient output
- Rugged and narrow profile enclosure
- Built-in rear tour-grade casters and corner bar grip handles
- Ergo-Grip pocket lifting handles
- Top and bottom stacking cups and rubber feet.
- Custom options include seat track, pole mount socket, custom colors and all-weather exterior
- Five-year warranty