



PHYSICAL & INSTALLATION PARAMETERS	
VOICE COIL	2.0" BASV 4-LAYER
WEIGHT	120 oz. STRUCTURE
CONE	PAPER WITH KEVLAR
SURROUND	DOUBLE FOAM LAMINATE
SPIDER	PROGRESSIVE CONEX X2
DUSTCAP	FIBERGLASS WEAVE
FRAME	STAMPED STEEL
TERMINALS	DIRECT CONNECT CABLES

PERFORMANCE PARAMETERS	
POWER (WATTS RMS)	500
POWER (WATTS PEAK)	1000
NOM. IMPEDANCE	4 OHM
RE (OHMS)	3.4
FS (HZ)	34
QMS	4.819
QES	.598
QTS	.532
X-MAX (MM) PEAK TO PEAK	26
VAS (LITERS)	5.61
EFFICIENCY 2V (SPL)	87dB

Recommended Enclosure

	VENTED ENCLOSURE	1.00 CUFT 28.3 LITERS
	INCHES (MM)	14 x 13 x 15.18 (356 x 330 x 386)
	SLOT PORT (H x W x L) INCHES (MM)	2 x 8 x 11 (51 x 76 x 283)
	ROUND PORT (DIAMETER x L) INCHES (MM)	3 x 13 (76 x 332)
	F-3 (Hz)	28 Hz
	TUNING FREQUENCY (Hz)	35 Hz
	SYSTEM GAIN (+dB / Hz)	+7.6dB @ 36Hz

Secondary Enclosure

	SEALED ENCLOSURE	.50 CUFT 17 LITERS
	ENCLOSURE INCHES DIMENSIONS (MM)	12 x 14 x 9.25 (305 x 356 x 235)
	F-3 (Hz)	46Hz

NOTE: All volumes are based on 3/4" wood enclosure walls and include woofer and port displacement.

ENCLOSURE DESIGN NOTES AND CONSIDERATIONS

The enclosure dimensions provided may be adjusted to suit your vehicle layout, as long as you follow our guidelines for the enclosure volume. For example, if suggested dimensions for an enclosure are 12" wide x 16" high x 14" deep, multiply these dimensions by each other (2688) to yield the volume of the enclosure in cubic inches. Then divide that number (2688) by 1728 to achieve the volume in cubic feet. In our case it would yield 1.55 cubic feet. (2688/1728=1.55cuft.) If for example your vehicle can not accommodate a 16" high enclosure, but it can accommodate a 12" enclosure, you may deduct 4" from the height of the box but you must add the 4" back to any combination of the other dimensions. So you can choose to add 4" to the box width, or 2" to the width and 2" to the depth. As long as your final cubic footage is the same, it doesn't matter what the measurements of the enclosure really are.

If the recommended port is too long to fit your enclosure, you can always bend it in the enclosure or extended the port out of enclosure.

The suggested slot ports can also be adjusted to any size and length as long as the overall cubic measurement of the port stays the same based on length, width and height. We suggest keeping slot port length same as recommended and just adjusting the cross section area of the opening to fit your specific requirement. Example: If the recommended slot port is 1.5" x 12.2", you can change it to 3" x 6.1 or 4.5" x 3.05". In both cases the cross sectional area of the port remained 18.3 square inches.

When making suggestions, we tend to offer a balance of smaller enclosures that are easily build able. Should you have special requirements, you can call our technical service department at 800 477 2328 for custom box designs.