



PHYSICAL & INSTALLATION PARAMETERS	
VOICE COIL	2.5" BASV 4-LAYER
WEIGHT	180 oz. STRUCTURE
CONE	PAPER WITH KEVLAR
SURROUND	STITCHED DOUBLE FOAM
SPIDER	PROGRESSIVE CONEX X2
DUSTCAP	3-D INJECTED POLY
FRAME	DIAMOND CUT CAST ALUM
TERMINALS	PUSH TERMINALS

WOOFER WEIGHT: 11 Kilo/24.2 lbs.

PERFORMANCE PARAMETERS	
POWER (WATTS RMS)	800
POWER (WATTS PEAK)	1600
NOM. IMPEDANCE	DVC 4 OHM
RE (OHMS) Parallel/Series	1.6p / 6.2s
FS (HZ)	32
QMS	5.03p / 4.50s
QES	.524p / .501s
QTS	.475
X-MAX (MM) PEAK TO PEAK	36
VAS (LITERS)	36
EFFICIENCY 2V (SPL)	93dB

### Recommended Enclosure

	<b>VENTED ENCLOSURE</b>	1.50 CUFT 42.5 LITERS
	<b>INCHES (MM)</b>	16" x 14" x 17.75" (106 x 356 x 449)
	<b>SLOT PORT (H x W x L) INCHES (MM)</b>	3" x 4" x 10.75" (76 x 102 x 271)
	<b>ROUND PORT (DIAMETER x L) INCHES (MM)</b>	4 x 11 (102 x 279)
	<b>F-3 (Hz)</b>	33 Hz
	<b>TUNING FREQUENCY (Hz)</b>	40 Hz
	<b>SYSTEM GAIN (+dB / Hz)</b>	+3.74dB @ 50Hz

### Secondary Enclosure

	<b>SEALED ENCLOSURE</b>	1.00 CUFT 28.3 LITERS
	<b>ENCLOSURE INCHES DIMENSIONS (MM)</b>	16 x 14 x 11.75 (406 x 356 x 300)
	<b>F-3 (Hz)</b>	47Hz

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.