

**POWER ACOUSTIK®**

**2013**

**Reaper**

**SUBWOOFERS**

**REP-12**

Thank you for choosing Power Acoustik woofers. Designed and engineered in the USA, this product combines innovative technology with the finest materials to consistently deliver Absolutely State of the Art performance, sound quality, reliability, and value. This Power Acoustik product reflects our commitment to offer you unparalleled performance and quality for years of dependable service and listening enjoyment.

## Features, Parameters, & Dimensions

**Polypropylene Cone**  
**Ribbed Foam Surround**  
**2.0" 4-layer VC on Aluminum Former**  
**Nickel Plated 8ga. Compression Terminals**

**Vented T-Yoke Back-plate**  
**Woven Polypropylene Dust Cap**  
**Textured Basket with Voice Coil Cooling**  
**Poly-Cotton Suspension Spider**

### REP-12

IMPEDANCE	4OHM
RE	3.9736
FS HZ	42.14
QES	1.7272
QMS	6.3993
QTS	1.3601
LE MH	2.0227
DIAMETER	12INCH
SD	113.0973 IN <sup>2</sup>
VAS	57.1656
BL	10.72
MMS	188.7191
SEN	85.68
RMS/MAX	200/400
MOUNTING DEPTH	5INCH
CUTOUT DIAM.	11.5INCH

## Enclosure Dimensions

Included in this manual are a number of different enclosure suggestions. These are by no means the only enclosures to use, but they provide a starting point to determine the correct enclosure for your needs many factors must be addressed (amount of power, vehicle, placement, crossovers, etc) Therefore, as always, SPL recommends that your subwoofer be installed by an authorized SPL dealer.

## Enclosure Construction

All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2) thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes INCLUDE vent/port and subwoofer displacements. DO NOT change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out reflections within the enclosure.

### REP12

SEALED	
MINIMUM	1.0 CU FT
OPTIMUM	1.25 CU FT
PORTED	
MINIMUM	1.5 CU FT
PORT WxL	4INCH X 7INCH
F3 Hz	42.13
OPTIMUM	2.0 CU FT
PORT WxL	4INCH X 10.5INCH
F3 Hz	35.68

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