

2004 Phoenix Gold Enclosure Reference Guide



The enclosure sizes listed are current as of: May 1, 2004

| Woofer Model | | Sealed | | Vented | | | | | | |
|---|---|----------------------|----------------------|----------------------|---------------------|--------|----------------------|----------------------|-------|-------|
| Octane-R Series | | SQ | SPL | SQ | Vd | VI | SPL | Vd | VI | |
|  | R12/12d mounting diameter: 11 1/16" mounting depth: 6 1/2" 250W RMS/500W Peak | 12 | 1.35 ft ³ | 0.75 ft ³ | 2.2 ft ³ | 4.0" | 12.0" | 1.35 ft ³ | 4.0" | 12.0" |
| | 12d | 1.6 ft ³ | 0.9 ft ³ | 2.0 ft ³ | 4.0" | 12.0" | 1.2 ft ³ | 4.0" | 12.0" | |
|  | R10/10d mounting diameter: 9 1/4" mounting depth: 5 5/8" 200W RMS/400W Peak | 10 | 0.9 ft ³ | 0.7 ft ³ | 1.1 ft ³ | 3.0" | 10.5" | 0.85 ft ³ | 3.0" | 9.0" |
| | 10d | 0.45 ft ³ | 0.4 ft ³ | 1.25 ft ³ | 3.0" | 9.0" | 0.95 ft ³ | 3.0" | 8.0" | |
| Z Rated Octane-R Series | | SQ | SPL | SQ | Vd | VI | SPL | Vd | VI | |
|  | ZR12d2/12d4 mounting diameter: 11 3/16" mounting depth: 6 1/8" 350W RMS/700W Peak | 12d2 | 1.0 ft ³ | 0.7 ft ³ | 2.1 ft ³ | 4.0" | 13.0" | 1.5 ft ³ | 4.0" | 11.0" |
| | 12d4 | 0.5 ft ³ | 0.3 ft ³ | 0.7 ft ³ | 2.0" | 10.0" | 0.8 ft ³ | 3.0" | 10.0" | |
|  | ZR10d2/10d4 mounting diameter: 9 7/32" mounting depth: 5 3/4" 300W RMS/600W Peak | 10d2 | 0.85 ft ³ | 0.42 ft ³ | 2.2 ft ³ | 3.0" | 12" | 1.7 ft ³ | 3.0" | 8.25" |
| | 10d4 | 1.6 ft ³ | 0.55 ft ³ | 2.2 ft ³ | 3.0" | 14.75" | 1.7 ft ³ | 3.0" | 8.25" | |
| Xenon Series | | SQ | SPL | SQ | Vd | VI | SPL | Vd | VI | |
|  | X12d2/12d4 mounting diameter: 11 1/4" mounting depth: 6 7/8" 500W RMS/900W Peak | 12d2 | 1.9 ft ³ | 0.9 ft ³ | 3.7 ft ³ | 3.0" | 9.2" | 2.8 ft ³ | 4.0" | 7.5" |
| | 12d4 | 2.0 ft ³ | 1.0 ft ³ | 3.2 ft ³ | 3.0" | 11.2" | 2.75 ft ³ | 4.0" | 8.0" | |
|  | X10d2/10d4 mounting diameter: 9 3/16" mounting depth: 6 1/2" 450W RMS/800W Peak | 10d2 | 0.85 ft ³ | 0.42 ft ³ | 2.2 ft ³ | 3.0" | 12" | 1.7 ft ³ | 3.0" | 8.25" |
| | 10d4 | 1.6 ft ³ | 0.55 ft ³ | 2.2 ft ³ | 3.0" | 14.75" | 1.7 ft ³ | 3.0" | 8.25" | |
| Titanium^{elite} Series | | SQ | SPL | SQ | Vd | VI | SPL | Vd | VI | |
|  | Ti12d Elite mounting diameter: 11 1/2" mounting depth: 10 1/2" 1200W RMS/2000W Peak | 12d | 2.0 ft ³ | 1.25 ft ³ | 2.5 ft ³ | 4.0" | 13.5" | 2.0 ft ³ | 4.0" | 6.25" |

NOTE: The Enclosure sizes on this sheet are computer optimized to show the best possible performance. Sealed enclosure sizes can range between the SQ and SPL numbers present on this sheet. However the closer it is to the recommended sizes on this sheet, the better the performance will be.

- Enclosure specifications are subject to change depending on driver revision
- The above enclosures include the driver displacement
- SQ: Sound Quality — Smooth response that exhibits deep accurate bass. Works well with jazz or classical music.
- SPL: Sound Pressure Level — Maximum output for the bass head. Works well with hip-hop or rap music (a.k.a. - IT HITS!)

*Vd: Round Port Diameter
*VI: Vent Length