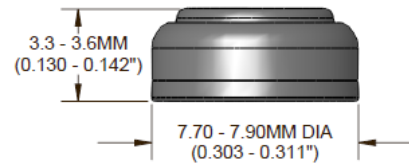
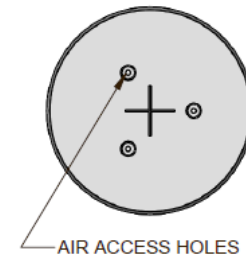


<b>Name</b>	Premium 312 0 Hg
<b>Cell Chemistry</b>	Zinc Air
<b>Recommended Use</b>	Hearing Aid Instruments
<b>Nominal Voltage</b>	1.45 volts
<b>Designation</b>	IEC : PR41 ANSI : 7002ZD Common : 312
<b>Weight</b>	0.54 grams (0.019 oz)
<b>Volume</b>	0.17 cc (0.010 cu. in.)
<b>Operating Temperature Range</b>	-10° C to 50° C (14° F to 122° F)
<b>Impedance</b>	< 6.5 ohm @ AC 1000 Hz
<b>Hearing Aid</b>	151 hours – 1.2 mA background, 5 mA 100 ms pulse, once every 2 h, 12 h/d to 1.05V at 21°C(70°F) and 50% R.H.
<b>IEC/ANSI Standard</b>	90 hours – 2 mA background, 10 mA 100 ms pulse, once every 2 h, 12 h/d to 1.05V at 21°C(70°F) and 50% R.H.
<b>IEC/ANSI Wireless</b>	60 hours – 2 mA background 45 min, 5 mA 15 min pulse, every h, 12 h/d to 1.1V at 21°C(70°F) and 50% R.H.
<b>Storage Guarantee</b>	Four years with tab applied when stored at 21°C (70°F).
<b>Activation and use</b>	Remove and discard the plastic tab covering air holes. Allow the battery to stand for one minute to insure proper activation.
<b>Environmental</b>	These cells have no added mercury. Refer to <a href="#">Rayovac Material Safety Data Sheets</a> for more detailed information.
<b>Compliant to the Following Standards</b>	IEC 60086-1, IEC 60086-2 ANSI C18.1M Parts 1 & 2



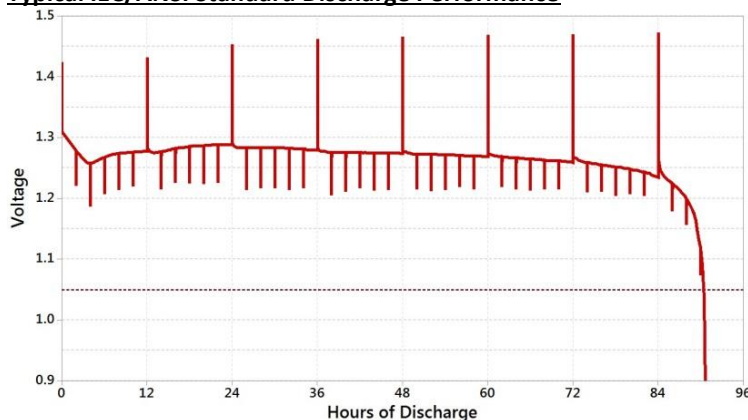
DIMENSIONS SHOWN ARE IEC STANDARDS.  
FOR ENGINEERING TOLERANCES  
CONTACT RAYOVAC.



### Zinc Air Cell



### Typical IEC/ANSI Standard Discharge Performance



PTG