

# Inflatable Acoustic Shell

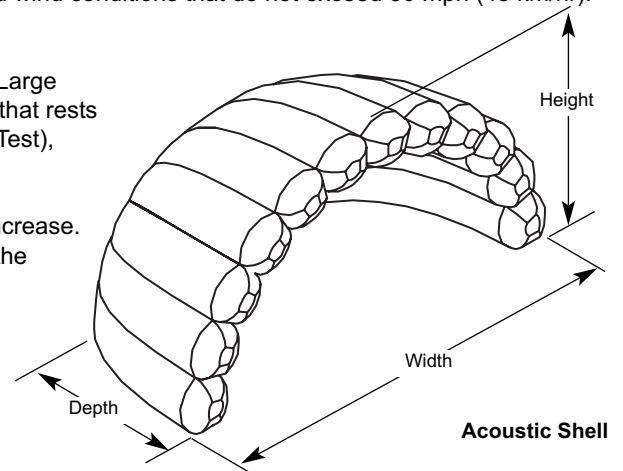
The Inflatable Acoustic Shell is a mobile, inflatable acoustic shell suitable for indoor and outdoor use. Setup requires only two people. An air blower inflates the Shell in less than 10 minutes. Ropes and steel ground-anchors hold the Acoustic Shell in place during moderate wind conditions. The Shell projects high frequency sound to the audience with a one to three dBA increase in reflected sound energy which is comparable to doubling the size of the musical group.

### Intended Use

- The Inflatable Acoustic Shell is intended to be used outside during dry and calm conditions or inside in gymnasiums, convention halls, and other large indoor facilities with impaired acoustic characteristics.
- The Inflatable Acoustic Shell is suitable for use in dry environments and wind conditions that do not exceed 30 mph (48 km/hr).

### Acoustic Shell Specifications

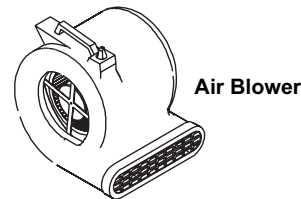
- One year warranty
- Shell Main Body construction is 100% fire retardant (meets NFPA 701 Large Scale Test), weather resistant, 8-ounce vinyl-coated nylon. Base area that rests upon the ground is 100% fire retardant (meets NFPA 701 Large Scale Test), weather resistant, 18-ounce vinyl-coated nylon.
- Shell has a rear access door.
- When inflated, the Shell reflects a one to three decibel sound energy increase.
- Deflation of the Shell is aided by zippered flaps that can be opened to the atmosphere.
- Shells are available in 21 exterior colors and three interior colors.
- Anchor-ropes are permanently attached to the Shell exterior.
- Shipped ready-to-use.
- Shells are available in three sizes shown in the table below:



Part Number	Width	Depth	Height	Footprint Area	Shipping Weight
091A501	26-feet (8 m)	13-feet (4 m)	13-feet (4 m)	338-feet <sup>2</sup> (32 m <sup>2</sup> )	365-lb (166 kg)
091A502	43-feet (13 m)	21-feet (6 m)	21-feet (6 m)	903-feet <sup>2</sup> (78 m <sup>2</sup> )	595-lb (266 kg)
091A503	53-feet (16 m)	26-feet (8 m)	26-feet (8 m)	1378-feet <sup>2</sup> (128 m <sup>2</sup> )	790-lb (359 kg)

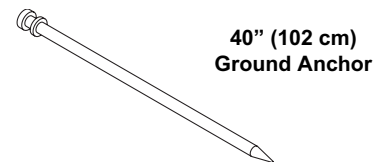
### Air Blower Specifications

- One year warranty
- Snail type fan
- 1 Horsepower, 120 VAC, 60 Hz (240 VAC, 50 Hz is also available)
- Three speed, maximum output 3000 CFM (1.42 m<sup>3</sup>/sec)
- UL and CSA compliant.



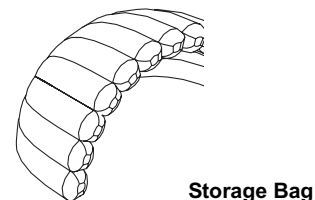
### Ground Anchor Specification

- Welded one-inch diameter steel round bar and steel plate
- White, powder-coat paint
- Length is 40" (102 cm).



### Storage Bag Specification

- Constructed with weather resistant vinyl
- Cover flap with draw string and handles for carrying
- 5' (1.5 m) in diameter.



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