

# 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. Tethers and steel anchor stakes hold the 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 20 mph (32 km/hr)

## Shell Specifications

- Shell construction is 100% fire retardant (meets NFPA 701 Large Scale Test), weather resistant, polyester-coated nylon:
  - Main body is 8-ounce material
  - Shell base area that rests upon the ground is 18-ounce material

- Shells are available in three sizes
- Shipped ready-to-use

- Shells are available in a variety of interior and exterior colors

- When inflated, the shell reflects a one to three decibel sound energy increase

- Shell has a rear access door

- Tethers are permanently attached to the shell exterior

- Deflation of the shell is aided by zippered flaps that can be opened to the atmosphere

- Five-year warranty

Part Number	Exterior Dimensions	Interior Dimensions	Setup Footprint Area	Shipping Weight
091A501	26'w x 13'd x 13'h (7925 x 3962 x 3962 mm)	19'w x 10'd x 10'h (5791 x 3048 x 3048 mm)	36'w x 30'd (10973 x 9144 mm)	365 lb (166 kg)
091A502	43'w x 21'd x 21'h (13106 x 6401 x 6401 mm)	32'w x 17'd x 16'h (9754 x 5182 x 4877 mm)	58'w x 42'd (17678 x 12802 mm)	595 lb (266 kg)
091A503	53'w x 26'd x 26'h (16154 x 7925 x 7925 mm)	39'w x 20'd x 19'h (11887 x 6096 x 5791 mm)	72'w x 54'd (21946 x 16459 mm)	790 lb (359 kg)

## Anchor Stake Plate Specifications

- 3/16" (5 mm) thick triangular steel plate
- 2-5/16" (59 mm) welded D-ring
- Zinc plated

## Anchor Stake Specifications

- Welded 1" diameter steel round bar and steel plate
- White powder-coat paint finish
- Length is 40" (1016 mm)

## Air Blower Specifications

- Snail type fan
- 1 horsepower, 120 VAC, 60 Hz (240 VAC, 50 Hz is also available)
- Three speed, maximum output 3000 CFM (1.42 m3/sec)
- UL and CSA compliant

## Storage Bag Specifications

- Constructed with weather resistant vinyl
- Cover flap with draw string and handles for carrying
- 5' (1524 mm) in diameter

