

# Inflatable Acoustic Shell

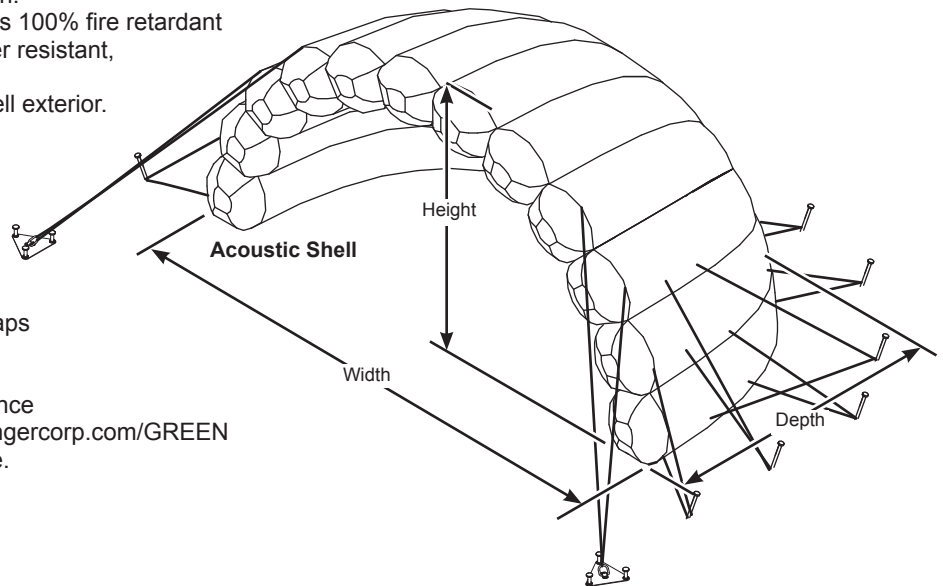
The Inflatable Acoustic Shell is a mobile, inflatable acoustic shell suitable for indoor and outdoor use. Setup requires only two people. An air blower inflates the Shell in less than 10 minutes. Tethers and steel Anchor Stakes hold the Shell in place during moderate wind conditions. The Shell projects 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 Main Body construction is 100% fire retardant (meets NFPA 701 Large Scale Test), weather resistant, 8-ounce vinyl-coated nylon.
- Shell Base area that rests upon the ground is 100% fire retardant (meets NFPA 701 Large Scale Test), weather resistant, 18-ounce vinyl-coated nylon.
- Tethers are permanently attached to the Shell exterior.
- Shipped ready-to-use.
- Shell has a rear access door.
- Shells are available in three sizes.
- Shells are available in a variety of interior and exterior colors.
- 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.
- Five-year warranty.
- Environmental attributes and LEED compliance for these products can be found at [www.wengercorp.com/GREEN](http://www.wengercorp.com/GREEN) or by contacting your Wenger representative.



### Anchor Stake Plate Specifications

- 3/16" thick triangular steel plate.
- 2-5/16" 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" (102 cm).

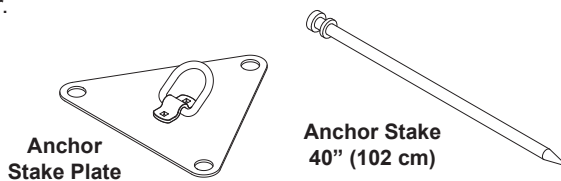
### Air Blower Specifications

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

| Part Number | Width         | Depth        | Height       | Setup Footprint Area                     | Shipping Weight    |
|-------------|---------------|--------------|--------------|--|--------------------|
| 091A501     | 26'<br>(8 m)  | 13'<br>(4 m) | 13'<br>(4 m) | 36' wide x 30' deep<br>(11 m x 9.1 m)    | 365-lb<br>(166 kg) |
| 091A502     | 43'<br>(13 m) | 21'<br>(6 m) | 21'<br>(6 m) | 58' wide x 42' deep<br>(17.7 m x 12.8 m) | 595-lb<br>(266 kg) |
| 091A503     | 53'<br>(16 m) | 26'<br>(8 m) | 26'<br>(8 m) | 72' wide x 54' deep<br>(22 m x 16.5 m)   | 790-lb<br>(359 kg) |

### Storage Bag Specifications

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



© 2017 Wenger Corporation  
USA/2017-12/W

