

# **SPECIFICATIONS**

## **Windspill™ JR Fixed Banner Mounting Hardware**

### **(U.S. Patent D537014)**

- ❑ Warranted for ten (10) years. Lifetime warranty against rusting.
- ❑ Shall fit round, flat, octagonal and fluted poles as small as 1 ½” diameter
- ❑ All metal parts of the each bracket system shall be of T-51 heat-treated cast aluminum, which will prevent rusting, discoloration or peeling paint. The arm unit shall have a *minimum weight* of 1lb. 12 oz.
- ❑ There must be a 1/4” diameter banner attachment hole built into the arm unit to securely and easily attach a tie-down for the pole side of the banner.
- ❑ 13/16” UV treated fiberglass arms must flex to allow “spilling” of some wind force off the surface of the banner, thus, reducing wind load from banners and poles. Fiberglass arms must be properly epoxied into the arm casting to eliminate failure of the rod due to movement in the casting or due to attachment holes drilled through the rod to use hitch pins.
- ❑ Fiberglass arms must withstand up to 70-mph wind force without permanent distortion with 30” x 84” banners installed.
- ❑ Flexibility of arms must allow the return of each banner to tightly stretched position.
- ❑ Built-in arm cantilever effect eliminates the need for banner wind flaps, breakaway clips and constant maintenance.
- ❑ Two 3/8” diam. X 1” long slots in the arm unit will allow the arm unit to be lag bolted to wooden poles and flat surfaces, if desired, and will allow up to 2” of adjustment to the banner.
- ❑ The arm unit shall incorporate a means of securely holding and guiding up to ¾” wide banding for pole mounting.
- ❑ The arm unit (product #5527) must be designed so that it can be easily upgraded to an adjustable system (with the addition of a permanent mounting base – product #5511). In this case, the arm unit must be removable from the base unit from either direction (up or down), but not able to fall free from the base unit in case the attachment bolts are not properly tightened. It must be held securely to the base unit by tightening two 3/8” diam. x 1” long self-locking flange bolts that pass through the arm casting and thread into the base unit. There shall be two bolt slots that will allow the arm unit to be adjusted up to 2 inches without rebanding the base unit.