

Avian Flyaway Inc. System Specifications

**Send Your
Pest Birds
Packing!**



SYSTEM SPECIFICATIONS

- 1) **AFI Model E1007:** Input: 110-120 VAC, 0.035A, 60 Hz, 10W. Output: 1.2 kV +/- 0.2 kV, 10 mA +/- 2 mA.
- 2) **Enclosure:** NEMA Type 3 or 4. Weatherproof enclosure to house E1001/E1007. Dimensions of 8"H x 8"W x 4"D with appropriate lights to signify the readiness of the system.
- 3) **High Voltage Cable/Connectors:** Stranded copper cable No. 18/2 AWG 2C Flat, 600V, 105 degrees (dry), 75 degrees (wet), water and oil resistant, gray.
- 4) **Ground Wire:** Insulated ground wire shall be 18 MTW. Color shall be tan, black, or brown.
- 5) **Wire field:** Hot wire and ground wire cable will be hand drawn 316 stainless steel, 0.030 diameter, high tensile strength.
- 6) **Insulators:** Polycarbonate, with UV inhibitor L shaped (1 1/4" wide, 1 5/16" tall, 3/16" thick). There will be three 1/16" holes across the top, two 1/16" holes above the bottom corner and a 1/4" slot on the base.
- 7) **Fasteners:** Must be grade five or better, stainless steel
- 8) **Washers:** Must be 1/4" flat cut stainless steel or neoprene.
- 9) **Conduit Straps:** Must be 1.0" stainless steel
- 10) **Anchors:** Must be 10-12 1" plastic
- 11) **Stainless Steel Springs:** Outside diameter 0.375, wire diameter 0.37, maximum load 5.8 lbs, free length 1.50", initial tension 0.70 lbs, passivated, loops random position.
- 12) **Warning decals:** Must be in English/Spanish and applied to all windows where electrified wire bird proofing is on the ledge outside.
- 13) A written safety program must be in effect covering lifts, ladders, OSHA requirements, hazards of working at heights and all installation personnel must be familiar with the contents. This program must be updated every quarter.
- 14) Workman's Compensation Insurance must be carried, statute limits, Liability \$3 million and Auto Liability \$1 million.

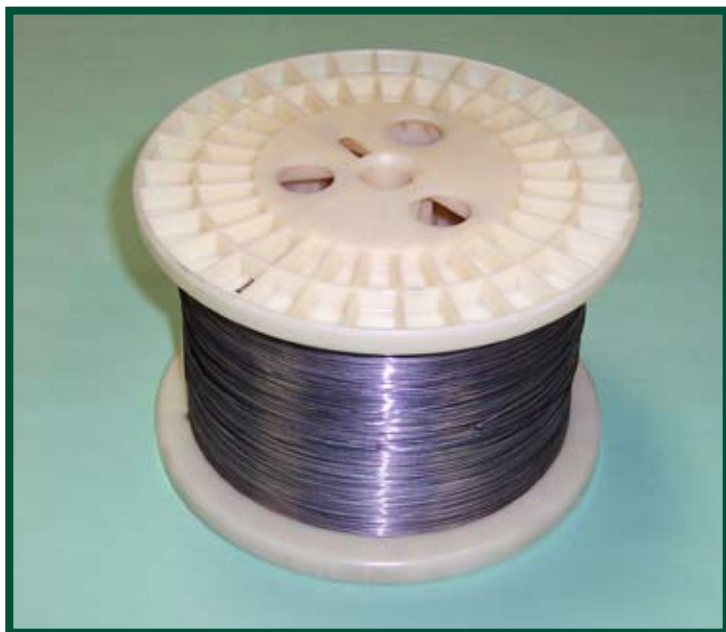
CERTIFIED SYSTEM SPECIFICATIONS



- 1) **System must be certified by an independent testing agency, as conforming to UL STD 069**
- 2) **Model E1007:** Input: 110-120 VAC, 0.035A, 60 Hz, 10W. Output: 1.2 kV +/- 0.2 kV, 10 mA +/- 2 mA.
- 3) **Enclosure:** NEMA 3R minimum. Polymeric enclosure with dimensions of 8"H x 8"W x 4"D. Provided with four (4) mounting holes.
- 4) **Power Supply Cord:** Type SJT, 50 degrees C, 18/2 AWG. Provided with molded on plug. Cord is provided with listed 1/4" strain relief.
- 5) **On Light:** Rated 250V, 5 A minimum. Provided with two (2) 2.2 megaohm resistors in series. Secured to enclosure via nut.
- 6) **Connectors:** Stranded copper conductor cable. Rated 18/2 AWG, 105 degrees C (dry) 75 degrees C (wet), 600V, water and oil resistant.
- 7) **Ground Wire:** Any manufacturer rated 300 VAC, 18 AWG, type MTW minimum.
- 8) **Stainless Steel Springs:** Stainless steel springs with outside diameter 0.375". Maximum load of 5.8 lbs, initial tension of 0.70 lbs.
- 9) **Insulators:** Polycarbonate, with UV inhibitor L shaped (1 1/4" wide, 1 5/16" tall, 3/16" thick). There will be three 1/16" holes across the top, two 1/16" holes above the bottom corner and a 1/4" slot on the base.
- 10) **Wire Field:** Hot wire is from hand drawn 316 stainless steel, 0.030 diameter, high tensile strength.
- 11) **Conduit straps:** Must be 1.0" stainless steel clips.
- 12) **Insurance:** Must have minimum \$2 million liability coverage.
- 13) **Experience:** Must demonstrate a minimum six (6) years experience and provide a minimum of six (6) references of the same type.
- 14) **Visitation:** All vendors must make site visitation prior to bidding.
- 15) **Warranty:** System must be warranted for a minimum of one year parts and labor.



High Voltage Cable/Connector



Wire Field



Connecting Wire



AFI Model E1007



Waterproof Enclosure



Certified System
(AFI Model E1007 Inside)



Insulators



Springs



Beam Clamps



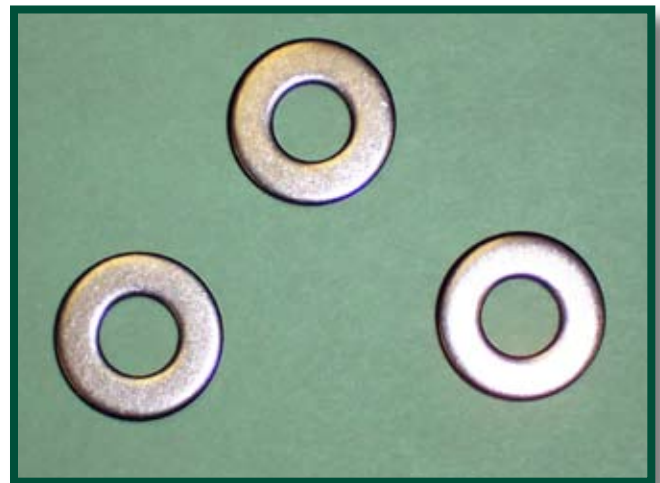
#10 x 1 1/2 Stainless Steel Hex Screws



#10 x 1 1/2 Stainless Self-Tapping Screws

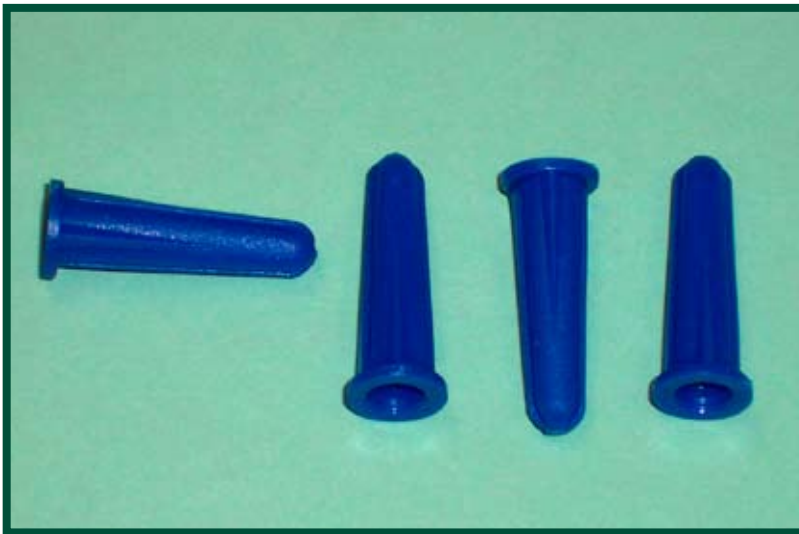


Neoprene Washers

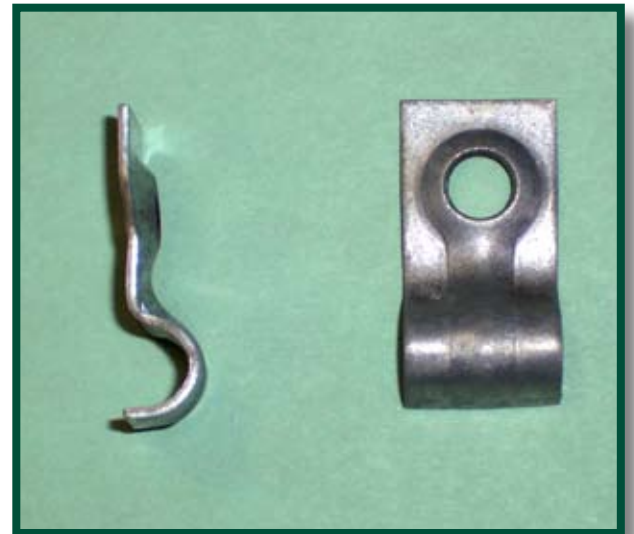


1/4" Flat Cut Stainless Steel Washers

SYSTEM COMPONENTS



Anchors



Conduit Straps



Warning Label

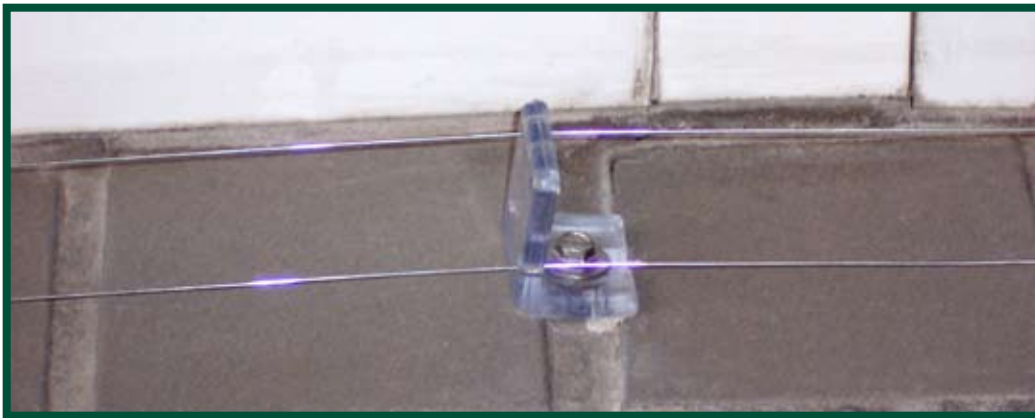
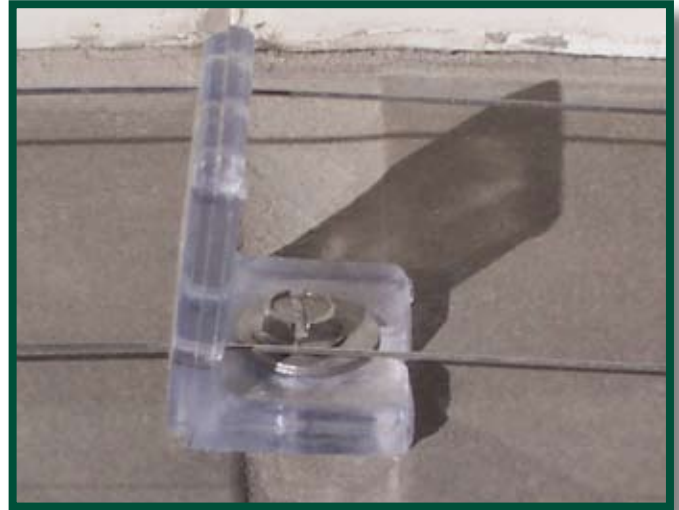


Stud Welded Insulators on I-Beam



Stud Welder

INSTALLED SYSTEMS



America's BEST ELECTRIC BIRD SYSTEM

Proven to Last Decades & Trusted Across US

**Parapet
Cap
Copings
&
Any Surface**



NO Penetration

12 Avian Adverting System
Limited Parts
YEAR WARRANTY

Shade Match

**PATENT
PENDING**



Color Coated Aluminum

+Shade Match Galvanized & Galvalume also available

Plus Clear Lexan Blends in and Lasts Decades



**Adhesive Fastens Metal, Powder Coats, Stucco, EIFS,
Cast Stone, TPO, EPDM, PVC, Tile, & More**

scalable aluminum base forms to almost any surface, any width, anywhere