

SPECIFICATIONS – Bird Jolt Flat Track™ Bird Abatement System

PART 1 – GENERAL

1.1 SUMMARY

- A. Description of work: Work for this section includes, but is not limited to the following:
 - 1. Electrified track bird deterrent system.
 - 2. Control devices and associated wiring and connections for the work of this section.

1.2 QUALITY ASSURANCE

- A. Single Source Responsibility: Furnish products from one manufacturer for the entire project.
- B. Country of Origin: Product must be manufactured in the U.S.A.
- C. Obtain all technical information from the manufacturer.
- D. Utilize labor or Bird-B-Gone Authorized Installers who are certified in Bird-B-Gone product installations. Proof of Certification is required.
- E. Installer shall visit the site to gather all information of existing site conditions.

1.3 SUBMITTALS

- A. Product Data: Submit all descriptive information from the manufacturer including catalogs, installation instructions and other descriptive material.
- B. Provide Warranty: Material and installation.
- C. Provide Samples: Each type of hardware, including proposed fastening methods.
- D. Provide statement by official indicating that they are a Certified Installation Company.

1.4 SYSTEM REQUIREMENTS

- A. Electrical Requirements:
 - 1. Provide wiring in accordance with applicable local codes and National Electric Code Standard.
 - 2. Test wiring system for insulation to ground.

1.5 PRODUCT HANDLING

- A. Protect Bird-B-Gone products from damage before, during and after the installation.
- B. If damage occurs to any Bird-B-Gone Products, make all necessary replacements immediately.

1.6 PROJECT CONDITIONS

- A. Coordination: Furnish samples of system so installation can be coordinated with existing conditions and within on-site tolerances.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

- A. Manufacturer:

Bird-B-Gone, Inc.

Bird Jolt Flat Track™ Bird Abatement System

15375 Barranca Pkwy #D

Irvine, CA 92618

Tel: 800-392-6915 or 949-472-3122

Fax: 949-472-3116

E-mail: nobirds@birdbgone.com

P.O.C.: Chris Fields

2.2 PRODUCT DESCRIPTION

- A. Model Designation:

1. Bird Jolt Flat Track™ – Electric Bird Abatement System
 - a. Height: 3/8" at the highest point.
 - b. Width: 1-5/8".
 - c. Features:
 - a. Patented anti-arcing design
 - b. Two (2) strips of corrosion resistant copper, ETP (Electrolytic Tough Pitch) .005" dia., tin-plated per ASTM B-33 Knitted Wire Mesh (continuous knitted wire mesh stocking) .25" high; .032" thick, sewn into the top of the track.
 - c. Two (2) glue troughs running on bottom of strip for easy installation and maximum adhesion.
 - d. Base Strip: Flexible. Can bend 360° on vertical plane.
 - e. Length: 100 ft. rolls.
 - f. Packaging: 100 ft. kits with installation hardware.
 - g. Color: Available in Gray, Stone, Black, or Terracotta.
 - i. As designated by the project specifications.
 - h. Number of rows as determined by the manufacturer and based on project conditions.
 - i. Mounting Systems: As determined by the manufacturer and based on project conditions.
 - j. Lead-in Wire: Use 14-gauge copper lead-in wire.

- B. Product made in the U.S.A.

2.3 MATERIALS

- A. Bird Jolt Flat Track™ System Kit Components:
 - 1. Flexible U.V. stabilized PVC base with corrosion resistant copper, ETP (Electrolytic Tough Pitch) .005" dia., tin-plated per ASTM B-33 knitted wire mesh (continuous knitted wire mesh stocking) sewn into base strip.
 - 2. Bilingual Warning labels.
 - a. 10 per 100 ft. installation.
 - 3. Power terminal connectors.
 - a. 2 per 100 ft. installation kit.
 - 4. Snug-Fit Connectors
 - a. 3 per 100 ft. installation kit.
- B. Bird Jolt Flat Track™ Charger System Options:
 - 1. CHG-AC750:
 - a. Bird Jolt Flat Track Direct Charger:
Housed in NEMA Type 3 or 4 weatherproof enclosures.
Input Voltage: 110-120 VAC.
Output Voltage: 800V (+/-) 20% open circuit voltage, intermittent AC current.
 - 2. CHG-SLR740
 - a. Bird Jolt Flat Track Solar Charger:
Input Voltage: 4.0 VDC.
Output Voltage: 7.0KV (+/-) 20% open circuit voltage, intermittent DC current.
 - 3. CHG-ACBFC
 - a. Bird Jolt Flat Track Super Charger Direct Charter:
Input Voltage: 110-120VAC.
Output Voltage: 4.5KV (+/-) 20% open circuit voltage, intermittent DC output.
- C. Construction:
 - 1. Bird Jolt Flat Track™: Flexible one-piece construction.
 - 2. Installation Hardware: Highest quality stainless steel, plastic and metal components.
- D. Adaptation: Sharp scissors, Exact-O knife, cable cutters, etc. can be used to cut / adapt the product to desired section length.

2.4 MOUNTING SYSTEMS

- A. Steel, Brick, Stone or Concrete: Attach Bird Jolt Flat Track and Bird Jolt Flat Track connectors using an outdoor construction adhesive that is non-silicone based. Purchase directly from the manufacturer or call for recommended adhesives.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine the installation area and note any detrimental or hazardous work conditions. Notify contracting officer or inspector of the detrimental work conditions.
- B. Do not proceed with the installation until conditions are corrected.

3.2 SURFACE PREPARATION

- A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust, peeling paint or other debris.
- B. Remove or repair articles that may damage Bird Jolt Flat Track™ Electric Bird Abatement System including overhanging foliage, brush and loose parts on the structure.

3.3 INSTALLATION

- A. Install Bird Jolt Flat Track™ Electric Bird Abatement System.
 - 1. **Warning:** Electrical track systems should not be used if contact with flammable liquids, vapors, or fumes is possible. Electric track systems should never be used in and around gas stations.
 - 2. Install with appropriate anchors or fasteners for each substrate.
 - a. Glue track to mounting surface.
 - b. All Flat Track strips should be adhered (glued or secured) to surface area being treated.
 - 2. Space materials in accordance with the manufacturer's recommendations.
 - a. Follow angles and contours closely.
 - 3. Install bilingual warning labels near power source and no more than 10' apart on buildings, and on windows where electrified wire is on outside ledge.

3.4 INSPECTION

- A. Upon completion of installation, test operation to demonstrate satisfactory operation and acceptability.
- B. Visually inspect Bird Jolt Flat Track™ Bird Abatement System for any signs of poor installation, including loose screws, fasteners or un-removed debris.
- C. Immediately correct and repair as necessary.

END OF SPECIFICATIONS