

Section 08 36 44
Industrial Specialty Screen Door - The Bug Blocker®
304 Stainless Steel Mesh

Part 1 - GENERAL

1.01 SECTION INCLUDES

- A. Sectional overhead doors of the following type:
Specialty aluminum doors with stainless steel mesh for selected dock positions.

1.02 RELATED REQUIREMENTS

- A. Section 083613- Sectional Doors: Coordination of door and track
- B. Section 06100- Rough Carpentry: Rough wood framing and blocking for door opening.

1.03 SUBMITTALS

- A. Administrative requirements, for submittal procedures.
- B. Product Data: Provide copy of manufacturer's owners' manual & Installation instruction manual.
- C. Shop Drawings: Indicate overall dimensions (width, height).

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in the section, with not less than 10 years of documented experience.
- B. Installer Qualifications: Company specializing in performing the work of this section minimum three years of experience.

WARRANTY

- A. Door manufacturer shall provide a minimum 5-year limited warranty on manufactured products and have the industry standard of 1-year limited warranty on parts resold by manufacturer on products such as springs. Correct defective manufactured products within the warranty period after date of substantial completion.

Part 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Basis of design shall be Rasco Industries, Inc. - Bug Blocker Door System, Rascodoors.com, Mound, MN 800-537-3802
- B. Substitutions: See section 1.04 Quality Assurance- Product Requirements

2.02 PRODUCTS

- A. Doors shall be sized for openings as scheduled on the drawings.
- B. Stainless steel screen mesh type door which shall be installed in conjunction with an overhead door.
- C. The Screen Door shall provide free area for ventilation, while restricting access for insects, birds, animals, or other unauthorized entry
- D. Operation shall allow either the sectional door or screen door to have smooth travel. Fabricate sections so finished screen door assembly is rigid and aligned and free of warp, twist, and deformation.
- E. Manufacturers standard of manual operation or option of motor operator. If motor operator is to be utilized and the switch track is the configuration then an interlock switch shall be used for each motor utilized. A solid shaft shall be specified with use of any motor operator regardless of lift.
- F. The screen door may utilize either:
 - 1. Track Switch. Sectional door's existing track utilizing a provided track switch mechanism at the top of the opening for operation. Addition of a second set of upper tracks for storage. Operation shall allow either the standard sectional door or the screen door to be lowered. Allowing smooth switching between doors on same track. Track switch available in the 2" manufacturers standard or a 3" option. Must match existing solid doors track dimension.
 - 2. Dual Track. Separate track placed behind existing door track allowing either or both doors in down position. Additional upper and lower track, track clips, galvanized steel reverse angle side plates (to secure sides from pest intrusion), brush seal (to eliminate any gaps) across the top and sides of the Bug Blocker door to be provided by manufacturer. Standard is 2" with option of 3" track available.

G. Application and lift configurations: Refer to drawings for door height and configuration to work with solid overhead door configuration.

Choices include:

1. Vertical Lift
2. High Lift
3. Standard Lift
4. Behind rolling steel door
5. Side Sliding
6. Stand-Alone door

H. Color: Manufacturer's standard of mill finish. Powder coat option may be selected for additional cost. Color as selected by architect or client.

I. Springs: Tempered steel with minimum cycle life of 15,000.

J. Aluminum frame 1 1/2" or 1 7/8" thick, all aluminum construction with extruded aluminum rails, slide lock, commercial grade hardware, provided standard 2" or option of 3" ten ball rollers, and galvanized steel 11 gauge hinges.

K. The screening shall be of 304 stainless steel wire mesh in one of the following configurations:

	Mesh	Wire Diameter	Opening Size	Free Area
Standard	12x12	0.023"	0.0660 in. sq.	52.4%
Fine	30x30	0.011"	0.0223 in. sq.	44.9%
Medium	16x16	0.018"	0.0445 in. sq.	50.7%

MEETS INDUSTRIAL WIRE CLOTH STANDARDS: ISO 9044, ASTM E 2016-15 A240-304, A478-97 & UNS S30400. MEETS FEDERAL SPECIFICATION STANDARD A-A-1037B

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE