

# Bug Screen Doors: Coolness and Comfort Made Sustainable

Summer is here, and loading dock doors, which have been closed for months against the winter chill, will now be open to take in the sunshine and warm breezes.

***BLUE GIANT***<sup>®</sup>

# the benefits *of summer*

The benefits of an open door during warm weather season include:

- **Lower HVAC costs:**  
Breezes from outdoors keep indoor temperatures cooler, putting off the need for air-conditioning until later in the season.
- **Improved productivity:**  
Studies have confirmed that when temperatures go up, productivity goes down. Keeping employees comfortable will translate into efficient performance, higher morale, and better health.

# the downside *of summer*

With nice weather comes some not-so-nice elements:

- Bugs and other pests that will quickly take advantage of an open door.
- Risk of trespassing and theft.

## BUG SCREEN DOORS

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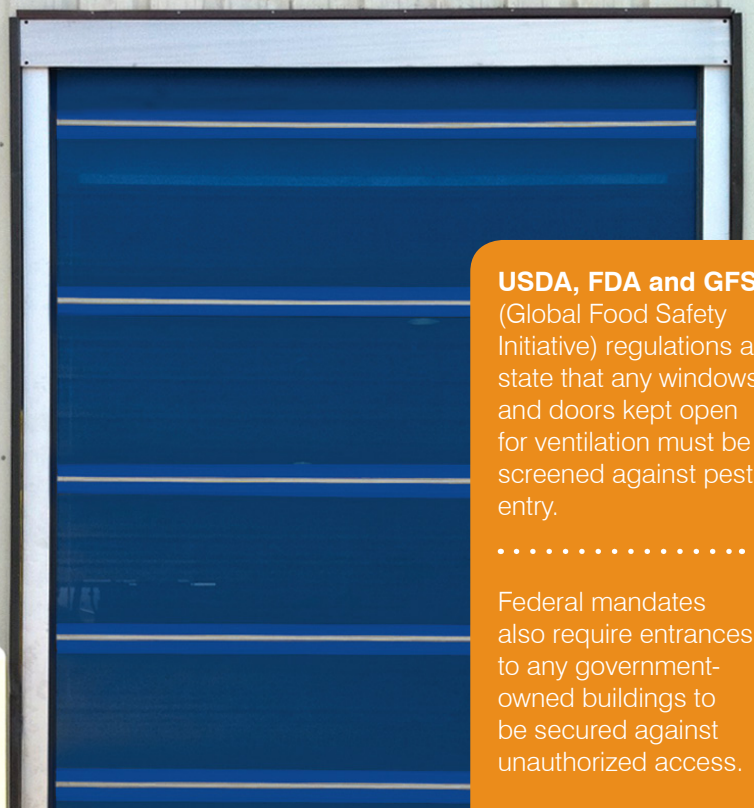
Fortunately, it's possible to enjoy the climate-related benefits of spring and summer while preserving product integrity and obeying applicable laws.

Blue Giant Bug Screen Doors create a **comfortable work environment** by allowing fresh air to enter the building while denying entry to insects, rodents, airborne dirt and debris, and even trespassers.

The mesh fabric has a 65% shade factor, which reduces heat build-up from the sun's rays.



By helping to keep out contaminants, these durable screens enable food processing and pharmaceutical locations to meet FDA and AIB requirements.



**USDA, FDA and GFSI** (Global Food Safety Initiative) regulations all state that any windows and doors kept open for ventilation must be screened against pest entry.

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Federal mandates also require entrances to any government-owned buildings to be secured against unauthorized access.

## MODEL TYPES

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# manual

### BSD-100

Spring-Loaded Manual Push-Down

**Maximum door size:**

12' (3658mm) wide by 12' high (3658mm)

Includes yellow pull down straps to bring the door up and down

Spring-loaded bug screens are simple to operate: *Tug on the yellow pull-down straps and the door rolls up. Another tug will pull it down and close it.*

The BSD-100 can also stop at different points along the door track for partial protection if needed.

### BSD-200

Chain Hoist Manual Activation

**Maximum door size:**

14' (4267mm) wide by 14' (4267mm) high

The BSD-200 is opened and closed via chain hoists, a technology used in traditional garage doors.



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# motorized

### BSD-300

In-Tube Motorized Bug Screen

**Maximum door size:**

14' (4627mm) wide by 14' (4627mm) high

The in-tube motor moves the BSD-300 at a rate of 12" (305mm) per second and can be cycled 8 to 10 times per hour.

### BSD-400

External Jackshaft Motorized Bug Screen

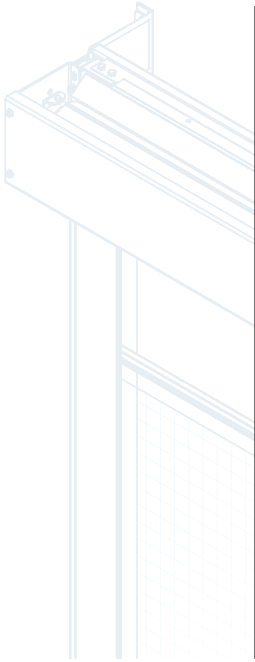
**Maximum door size:**

14' (4627mm) wide by 14' (4627mm) high

The external jackshaft motor moves the door at a rate of 12" (305mm) to 24" (610mm) per second and can be cycled 10 to 15 times per hour. Includes a three-button station and photo eye.



Powered bug screen doors can be opened relatively quickly—typically used on ground-level entrances that accommodate forklifts and other vehicle traffic.



All Blue Giant Bug Screen Doors have industrial-grade mesh barriers that are UV-resistant and will not tear, rot, or otherwise degrade during everyday use. The seams are double-stitched to guard against wear-related separation, and stiffeners prevent the doors themselves from being blown out of their guides by strong wind gusts.

Powered bug screen doors have a break-away feature that prevents the fabric from tearing if hit by a forklift or other vehicle.

Once a bug screen door has been installed, employees, guests, and customers will all benefit from fresh breezes, comfortable temperatures, and total pest control.

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