

## J-System<sup>®</sup> B9 Blower

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### Tech Sheet

#### What is the J-System<sup>®</sup>?

Built in accordance to the original specifications, the J-System<sup>®</sup> provides precise and even air movement within a grain mass of any storage facility. The J-System<sup>®</sup> blower's design, coordinated with the controlled release of hydrogen phosphide, aids in establishing a lethal concentration of the fumigant throughout the grain mass in quality, tightly sealed storages.



#### How Does the J-System<sup>®</sup> Work?

Using the original and authentic J-System<sup>®</sup> blower, air is drawn from the headspace and pushed into the grain mass, establishing a uniform hydrogen phosphide concentration. The dispersion of the fumigant gas concentration continues until all the fumigant has been liberated. Uniform gas concentrations in all areas of the grain mass help assure high insect mortality.

The J-System<sup>®</sup> is economical to install externally or internally due to our blower's explosion-resistant classification. Component parts can be custom designed and engineered for your storage facility, including ones without an existing aeration system. It is currently used on all types of grain storage facilities including corrugated steel tanks, steel welded or bolted tanks, concrete silos, flat houses, bunker storages, barges and ship holds.

**The Blower is Constructed to AMCA  
Type C Spark Resistant Specification**

# B9 Blower Specifications

## Construction:

- Cast aluminum housing
- Cast aluminum impeller

## Impeller:

- 8.8" diameter 2.69" wide

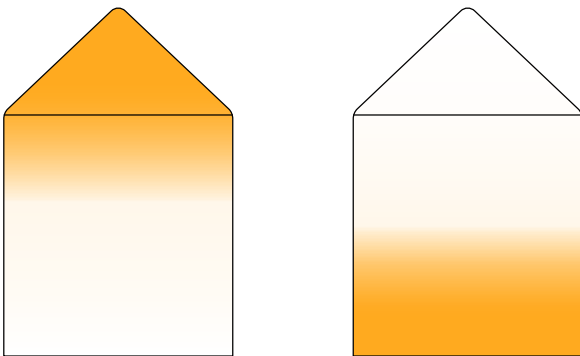
## Motor Specification:

- 1/2 HP
- 1 Phase
- 60hz
- 115 / 230V
- RPM - 3450

Underwriters Laboratory Listed  
CE Approved  
CUL Listed

Silo Size	Recommended Blower Size
75,000 - 175,000 Bushels 93,000 - 218,000 Cubic Feet	A3
175,000 - 500,000 Bushels 218,000 - 622,000 Cubic Feet	B9

Recommended Blower size is based on bin capacity or volume. Some silos may have two or more separate duct systems. Those silos may require more than one blower per silo.



These images represent how a bin without a J-System® Blower will take longer to reach equalization regardless of introduction location.

## Inlet Size:

- 5.8"
- Free Area 23.4 sq. in.

## Discharge Size:

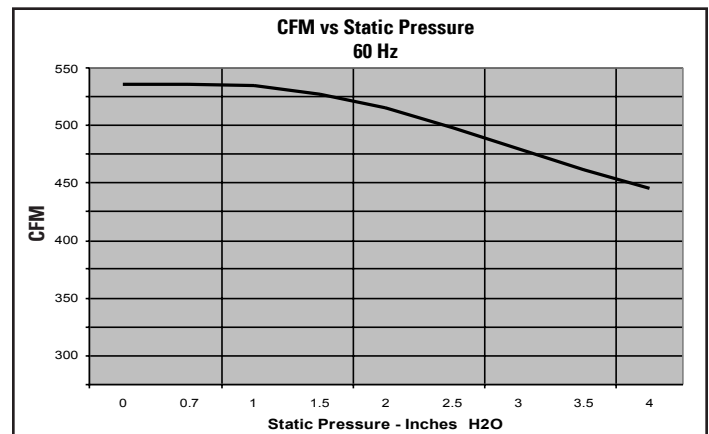
- 3.8"
- Free Area 9.4 sq. in.

## Duty:

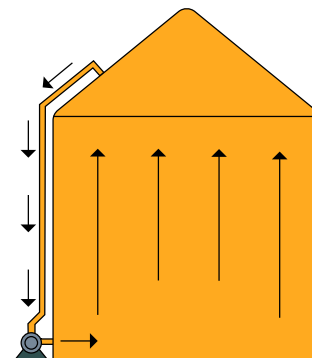
- Continuous at 40°C ambient
- Frame 56C
- Thermally Protected
- S.F. 1

## Explosion Proof:

- Class I Group C, D
- Class II Group F, G



Performance of B9 Blower at 3450 RPM



This image represents how a J-System® Blower will aid in a faster equalization of gas fumigants.