

# Custom Clean Vacuum Grain Screener

Line of Material  
Handling Equipment,  
Installation and  
Electrical Service



Proudly Made in the U.S.A.



**Custom Agri Systems, Inc.**  
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- A simple way to screen grain as it leaves the dryer
- Moves Fines and Bee's Wings 100' away
- High-Pressure Direct Drive Blowers (3HP and 5HP)
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- Single Phase or Three Phase Motors
- Cleaning Capacities for the Basic Units: 8" – 900bph, 10" – 1,200bph, & the 14" – 5,000bph

**8" & 10" BASIC CUSTOM CLEAN UNIT** is 48" long. Hopper requires 16" minimum elevation from the foundation pad to the bottom of the dryer's unload auger tube. The hopper has two 6" outlets (one for the blower and the other side is either capped, or used for the optional Aspirator Kit – see below). Unit will come with two legs and a hanger bearing kit at the discharge end. The 3hp Blower Kit is recommended for most units. Removable corn screens are standard on units.

**14" BASIC UNIT** is 66" long. Hopper requires 20" minimum elevation from the foundation pad to the bottom of the dryer's unload auger tube. The hopper has two 8" outlets (choose which side you want the blower kit on and then cap the other side). Unit will come with four legs and a hanger bearing kit at both ends. The 5hp Blower Kit is recommended. Removable corn screens are standard on units.

**10" & 14" SELF-POWERED** 9'2" long for the 10" SP unit, and 10'11" long for the 14" SP unit. The inlet can be extended to whatever overall length requirement you need for your application. The SP unit has a hanger bearing kit at each end of the brush tipped auger. There is a 2' long inlet tube with grain guard, and a 2' long discharge tube on the opposite end. It comes with 4 legs, belts, pulleys, hardware, and a Farm Duty TEFC low-speed motor to drive it (3hp & 10hp respectfully).

**HIGH PRESSURE BLOWER AND TEFC MOTOR ASSEMBLY (WITH HIGH-SPEED MOTORS):**

Blowers are available in either 3hp or 5hp and either single phase or three phase. The 3hp blower can easily move fines and bee's wings 100' horizontal or 50' vertical, and the 5hp blower can move fines and bee's wings 225' horizontal or 100' vertical. We highly recommend using metal discharge tubing on all blowers. The 3hp and 5hp blowers require 6" discharge tubing.

**ASPIRATOR KIT:** The Kit includes 4' of poly hose, 2 rubber elbows, and hardware to go from the KLEEN air's 2nd hopper opening to directly above the grain as it's being discharged. It utilizes the power of the 3hp or 5hp blower to "ASPIRATE" or suck air in through the discharging grain to pick up additional bee's wings and light fines before the grain goes into storage. The perforated section with the brush-tipped auger flight constantly sweeping does most of the cleaning.

**RHINO WEAR LINER KITS** are available for the 3hp and 5hp Blowers. The optional RHINO WEAR LINER will extend the blower life substantially. Please specify on your order if you'd like the WEAR LINER KIT mounted inside your blower. You may also purchase the WEAR LINER KIT for field installation on your existing blower.

**HANGER BEARING ASSEMBLY:** The double flanged hanger bearing kit is 2-1/2" wide and is required if the application you are planning does NOT have a hanger bearing at the inlet end of the assembly. It is extremely important that the nylon brush-tipped auger flight be supported at both ends by a hanger bearing.

**POLY CYCLONES:** Our lightweight steal cyclone helps slow down the fines, bee's wings, and broken kernels being conveyed from the unit to their destination point.

**NYLON BRUSH AUGER REPLACEMENTS:** The scrubbing action of the nylon bristle brush-auger keeps the perforated screen open so that it continues cleaning. It is very important to the operation of the unit. If your present brush is worn out, you need to install a new one. You should order a new replacement brush flight and send your old one in for a core credit, provided it is not worn beyond repair. We ship replacement Brush Augers out in a corrugated box that can be used for returning your old one back to us for re-bristling.

