



Production Sales Company

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KLEENair Vacuum Grain Screener



A simple way to screen grain as it leaves the dryer.

**Screen grain from any source with the
Self-Powered stand-alone unit.**

Removes Fines & Bee's Wings.

Moves screenings 100' in any direction.

8" & 10" Auger Versions.

High-pressure Direct Drive Blower

1HP or 3HP Blowers

Single Phase or Three Phase power motors

Heavy Duty Flighting

Nylon Bristle Brush Tips

Removable Screens



Self-Powered KLEENair Vacuum Screener (with Aspirator option)

**Dealer inquiries invited, visit us on the web:
www.productionsales.com**

KLEENair Assembly: 48" long with 8" or 10" auger tube sizes and flanged connections on each end. Hopper requires 16" minimum elevation from foundation pad to bottom of dryer's unload auger tube. Includes an enclosed hopper with two 6" outlets, a 5" long double flanged tube to mount against dryer to clear the belt shields, a nylon-bristle tipped auger flight, two leg supports, a hanger bearing at discharge end, and a 6" poly end cap to seal the unused hopper outlet. The 3hp high speed motor Blower Kit is recommended for most KLEENair units (with a 1hp Blower Kit for special setups). The optional Aspirator Kit should be considered (see below). If the dryer you install the KLEENair unit on does not have a hanger bearing at the end of the dryer, you will need the "**Hanger Bearing Assembly**" listed below. Removable corn screens are standard on KLEENair units with custom-sized screens available upon request.

SELF-POWERED KLEENair Assembly: 9'2" long with a 10" auger tube size. (Inlet end can be extended to whatever overall length requirement you need for your application). The SP unit has a guarded 2' long inlet and a 2' long discharge outlet on the opposite end. It comes with 4 legs, 2 flange bearings for the auger ends and 2 intermediate hanger bearings to support the nylon bristle brush section. Drivehead, belts, pulleys, and a Farm Duty TEFC 3hp low speed motor to drive it. The Aspirator Kit is optional and requires the 3hp Blower.

HIGH PRESSURE BLOWER and TEFC MOTOR Assembly: Units are available in either 1hp or 3hp, and either 1 phase or 3 phase. The 1hp unit will move fines and bee's wings 100' horizontal or 50' vertical in 4" metal tubing. The 3hp unit creates significantly more vacuum and should be ordered if you're trying to do the best cleaning job possible. The 3hp unit requires 6" metal tubing and can easily move fines and bee's wings 100' horizontal or 50' vertical. It is important to allow a few feet of straight run before you go into an elbow or incline to allow the screenings to gain sufficient speed. **The 3hp blower and motor combination is recommended for "best cleaning" and is required for the "Aspirator" option.**

ASPIRATOR KIT: Utilizes the power of the 3hp 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 it does most of the cleaning. However, if you're trying to do the best cleaning job possible, we recommend you order the **Aspirator Kit**. The Aspirator Kit provides you the hose, elbows, and hardware to go from your 2nd hopper opening on the KLEENair to directly above the grain as it's being discharged. You will need to modify your outlet auger to accommodate the 6" tubing of the Aspirator Kit.

RHINO WEAR LINER KITS are available for the 3hp High Pressure 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 KLEENair assembly. It is *extremely important* that the nylon brush-tipped auger flight be supported at both ends by a hanger bearing. (One hanger bearing is already mounted in the discharge end of the KLEENair unit).

POLY CYCLONES: Our lightweight (28#) poly cyclone helps slow down the fines, bee's wings, and broken kernels being conveyed from the KLEENair 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 KLEENair. 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 rebristling, providing it's not worn beyond repair. Then, you would have a spare nylon brush-auger on hand. 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.

AIR SYSTEM ACCESSORIES: We carry a large inventory of Aluminum and Galvanized Tubing in 3, 4, 5, and 6" diameters. We have Bolted Compression Couplers, Camlocks, Heavy wide-radius Elbows, Cyclones, Poly-Hose, and more.

