

PSC
Production
Sales Company

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KLEENair Vacuum Grain Screener



10" Basic KLEENair with 3hp Blower

A simple way to screen grain as it leaves the dryer

Moves Fines and Bee's Wings 100' away

**High-Pressure Direct Drive Blowers
(1HP, 3HP, and 5HP)**

Single Phase or Three Phase Motors

**Cleaning Capacities for the Basic Units:
8"-900bph, 10"-1,200bph, & the 14"-5,000bph**

Heavy Duty Flighting

Nylon Brush-Tipped Auger

Removable Screens

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

**Cleaning Capacities for the SP units:
10"-1,200bph, & the 14"-5,000bph**



14" SP KLEENair with 10hp Drive & 5hp Blower

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

8" & 10" Basic KLEENair: 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 KLEENair units (with a 1hp Blower Kit for special setups). If the dryer you install the KLEENair to 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.

14" Basic KLEENair: 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 4 legs and a hanger bearing kit at both ends. The 5hp Blower Kit is recommended. Removable corn screens are standard on KLEENair units with custom-sized screens available upon request.

10" & 14" SELF-POWERED KLEENair: 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). Optional equipment to consider: the Aspirator Kit & Rhino Wear Liner.

HIGH PRESSURE BLOWER and TEFC MOTOR Assembly (with high-speed motors): Blowers are available in either 1hp, 3hp, or 5hp, and either single phase or three phase. The 1hp blower will move fines and bee's wings 100' horizontal or 50' vertical. 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 three blowers. The 1hp requires 4" discharge tubing while the 3hp and 5hp blowers require 6" discharge tubing. 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.

ASPIRATOR KIT: The Kit includes 4' of poly hose, 2 rubber elbows, and hardware to go from the KLEENair'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. However, if you're trying to do the best cleaning job possible, we recommend adding an Aspirator Kit. You may need to modify your discharge outlet to accommodate the 6" poly hose from the Aspirator Kit. Note: The 10" SP unit comes with a snorkel on the top of the discharge tube so you can easily attach the Aspirator Kit directly.

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 KLEENair 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 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 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.

