

KEI GRINDER DUST COLLECTORS

KEI Grinder Dust Collectors are uniquely designed to provide complete, trouble-free collection of grinding dust produced by most makes and models of pedestal grinders. A sheet metal collection plenum with positive-seal shut-off gates provides optimum CFM delivery for complete collection from either one or two wheels. The Units are compactly designed and provide high efficiency collection. The plenum top is hinged for quick, easy maintenance of the collection unit.

COLLECTION PLENUMS

The metal collection plenums provide complete collection of grinding dust by using gasketed metal connectors fitted to the outlets of the grinder hoods. The metal connectors eliminate frequent flex hose replacement, a common problem on other grinder dust collectors. The connectors also allow straight entry into the collection plenum for a higher total CFM delivery.

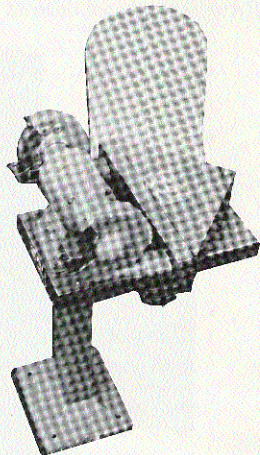
The compactly designed Unit takes only 18" of space behind the grinder and is no wider than the grinder. The open fan wheel is guarded to protect the operator. Sparks from the grinding operation are deflected and baffled in the plenum before they become a fire hazard in the filter bag.

GATES

The sliding positive-seal shut-off gates allow accurate operator control of CFM delivery to each wheel and provide effective dust pick-up from each wheel. For low maintenance time and cost, the plenum top has a hinged clean-out door for easy access to the shut-off gate.

HOUSING & FAN WHEELS

The spark-proof housing and fan blade are made of heavy cast aluminum. The self-cleaning radial fan blade produces the proper CFM for effective pick-up of all grinding dust.



MODEL 2210-1

Model 2210-1 is a 1HP-1PH Unit with a steel base, aluminum housing and fan blade to produce 700 CFM. A sheet metal collecting plenum with 2 gates provides source pick-up. Dust bag model 203 provides 21 sq. ft. of filter media. A bag elbow and clamp are included to connect the bag to the exhaust outlet.

FEATURES

- * SUPERIOR COLLECTION ABILITIES
- * POSITIVE-SEAL SHUT-OFF GATES
- * SPARK-PROOF ALUMINUM HOUSING AND FAN WHEEL
- * SHEET METAL COLLECTION PLENUM
- * COLLECTION FROM TWO WHEELS
- * INDUSTRIAL QUALITY, TEPC MOTOR

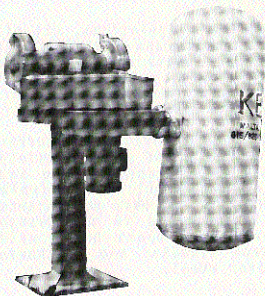
FILTER BAGS

The circular filter bag provides maximum filtering area while taking up minimum floor space. Grinding dust is picked up at the bag's center, allowing particles to settle to the bottom, keeping the upper bag area free to breathe and filter effectively. The bag has a zippered closure on the bottom for quick disposal without heavy lifting.

MOTORS

Industrial quality, energy efficient motors power all KEI Grinder Dust Collector Units. The permanently lubricated, ball bearing, totally enclosed motors are engineered for extended life and low maintenance. They are UL and CSA approved and are capable of operating at 208V and all standard voltages.

Motors are available in single or three phase wiring. Single phase units are wired with cord and switch, but can be wired into the grinder starting switch, as can three phase. Three phase units are not wired.



GRINDER DUST COLLECTOR SPECIFICATIONS

MODEL	USE WITH GRINDER SIZE	HP	PHASE	VOLTAGE	AMPERAGE		DBA AT 5'	BAG #	BAG AREA SQ FT	CFM 0" S P	WT
					START	RUN					
2205-1	6-7-8-10	1/2	Single	115/230*	8/4	6/3	82	201	15.0	450	65
2205-3	6-7-8-10	1/2	Three	230/460	2/1	2/1	82	201	15.0	450	65
2210-1	12-14-16	1	Single	115/230	11/6	8/4	84	203	21.0	700	72**
2210-3	12-14-16	1	Three	230/460	3/2	2/1	84	203	21.0	700	72**

*115V Wired with cord, plug and switch. **Shipped U.P.S. in 2 boxes.

SIZING GUIDE

To correctly size the Grinder Dust Collector, please specify the make and size of the grinder.

MODEL 2205

Adapted for a pedestal buffer (not pictured). Standard unit includes 4' of 3" flex hose, (4) 3" hose clamps, bag elbow, bag clamp, and #201 Dust Bag. Not included: hoods, pedestal stand, and adapters. (See page 21.)

