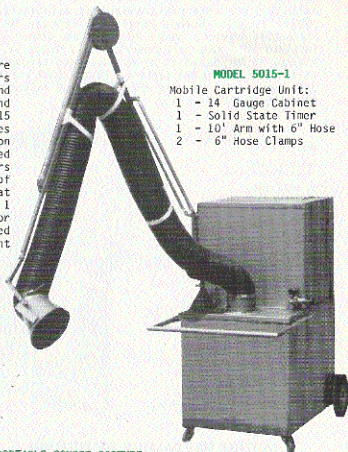


KEI PORTABLE CARTRIDGE COLLECTORS

KEI Portable Cartridge Units are high efficiency dust collectors that provide portability and source capture of coarse and fine particulate. Models 5015 and 5020 use special cartridges that greatly improve filtration over standard, fabric filtered units. KEI cartridge filters provide almost 80 sq. ft. of inner pleated filter media that filters 99% of particulate at 1 Micron. Vibratory mounted for silent operation, the gasketed cartridges are sealed to prevent by-pass of contaminants.

APPLICATIONS

- * Soldering
- * Machining
- * Hardfacing
- * Mig Welding
- * Arc Welding
- * Spot Welding
- * Plasma Cutting
- * Cutting & Grinding
- * Mixing/Extruding



MODEL 5015-1

- Mobile Cartridge Unit:
- 1 - 14 Gauge Cabinet
 - 1 - Solid State Timer
 - 1 - 10' Arm with 6" Hose
 - 2 - 6" Hose Clamps

PORTABLE SOURCE CAPTURE

Resting on two 8" wheels and two 3" swivel casters, the cabinet has an extendible handle for easy mobility. When stationary, the 14 ga. cabinet provides trouble-free operation of KEI's 10' Spring Loaded Holding Arm. The arm swivels 180 degrees to position the 6" Quality Flex Hose and Cone Nozzle for source pick-up of contaminants. Captured particulate then passes through a baffle that drops heavier particulate from the airstream and stops hot sparks from reaching the cartridge. The baffle also slows down dust velocity to prolong filter life.

FEATURES

- * QUIET OPERATION AT 79 & 80 DBA
- * ECONOMIC, HIGH EFFICIENCY FILTRATION
- * 10' HEAVY DUTY, SPRING LOADED COUNTER BALANCED HOLDING ARM
- * INDUSTRIAL QUALITY, CONTINUOUS DUTY, TOTALLY ENCLOSED MOTOR
- * REVERSE PULSE CLEANING
- * TWO EASY TO EMPTY COLLECTION DRAWERS
- * RECIRCULATES CLEANED AIR - SAVES HEATING & COOLING COSTS
- * TWO HEAVY DUTY 8" WHEELS & TWO SWIVEL CASTERS FOR EASY PORTABILITY

REVERSE PULSE CLEANING

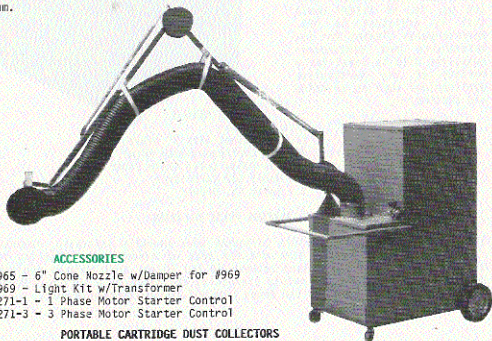
KEI Cartridge Collectors use manually initiated, reverse pulse cleaning to eliminate down time and the mess of removing and cleaning filters. With evenly diffused air pulses between 60 and 80 psi shot through the cartridge center, the cartridges are safely cleaned at the touch of a switch. Dust is blown from the cartridge and drops into two collection drawers.

REVERSE PULSE CONTROLS

KEI's reverse-pulse cleaning system contains a solid state control timer that provides programmable off-line pulse relay designed for easy push button operation for filter cleaning. 60 to 80 Psi of shop air must be connected to the Unit's collection tube through the air hose coupler. The tube holds the air until the timer releases it in a controlled blast of air through the cartridge. This process continues at programmed intervals. The pulsed air pushes particulate from the filter to drop through the Unit's baffle and into the collection drawer.

MOTORS/FANS

KEI Cartridge Dust Collectors are powered by totally enclosed, energy efficient motors for long life and low maintenance. They are UL and CSA approved. Explosion proof motors are also available. A sound absorption ring is mounted between the motor housing and the cabinet to ensure quiet operation. The housing and self-cleaning radial fan are made of rust-resistant, non-sparking cast aluminum.



ACCESSORIES

- Model 965 - 6" Cone Nozzle w/Damper for #969
- Model 969 - Light Kit w/Transformer
- Model 271-1 - 1 Phase Motor Starter Control
- Model 271-3 - 3 Phase Motor Starter Control

PORTABLE CARTRIDGE DUST COLLECTORS

MODEL NO	HP	PHASE	VOLT	AMPERAGE		RPM	CFM	DBA	HOSE DIA	HOSE L'	ARM L'	DIMENSIONS			WT
				START	RUN							L"	W"	H"	
5015-1	1.5	Single	115	15/8	9/5	3450	750	79	6"	11	10	36	24	49	300
5015-3	1.5	Three	230	5/4	3/2	3450	750	79	6"	11	10	36	24	49	300
5020-1	2	Single	115	23/12	12/6	3450	1100	80	6"	11	10	36	24	49	300
5020-3	2	Three	230	4/3	2/1	3450	1100	80	6"	11	10	36	24	49	300