



**Extract-All™**  
An exclusive Air Impurities  
Removal Systems, Inc. brand

Air Impurities Removal Systems, Inc. provides a wide range of innovative, high-quality air purification products; offering customers the latest in industrial and commercial air cleaning, dust collection, and fume extraction systems.

Our EXTRACT-ALL™ line offers versatile, affordable, and high efficiency air cleaning systems – all designed to capture smoke, dust, fumes, and other airborne contaminants from a variety of applications; providing a safer and healthier workplace environment.

## Extract-All™ Model SC-1500

The Extract-All™ Model SC-1500 portable smoke, dust, and weld fume collector is designed for direct source capture of various airborne contaminants. The SC-1500 is ideal for cleaning most smoke, dust, and odors found in factories and other industrial and commercial facilities. It is an efficient and cost effective method of handling applications that require maximum portability.

The SC-1500 operates by collecting the smoke and dust via an 8" diameter by 7' long externally-supported, articulating fume extractor arm that filters contaminants through filter cartridges that are 97% efficient at .3 microns. The residual contaminants are then collected in an easy to remove drawer, while a self-cleaning mechanism thoroughly cleans the cartridge filters.

## Features & Benefits

- 1500 CFM
- Compact design
- Dual self-cleaning cartridges
- Quick release latch for easy filter removal & maintenance
- Removable dust trays
- Externally supported extractor arm
- Quiet operation
- Standard three year warranty



# Specifications

## OVERALL DIMENSIONS:

36.5" W x 35" L x 48" H

**CABINET:** 12 gauge welded galvanealed steel with exterior surfaces ground smooth

**ARM:** 8" diameter; 7' Long & capture hood with light

**FINISH:** Industrial grade textured baked black enamel paint inside & out

**FILTRATION:** Two 99.999% efficient, fire retardant cartridge filters

**FILTER ACCESS:** Side load though hinged door for easy access

**FILTER CLEANING SYSTEM:** Compressed air pulse - extends filter life

**FILTER GAUGE:** Magnahelic pressure gauge for filter cleaning notification

**BLOWER:** Impeller Wheel: 14-Inch diameter, backward inclined, high airflow wheel, 3500 maximum RPM

**MOTOR:** Single speed, 5 HP, 230/460V, 60 HZ, TEFC motor. Maximum 14.0 / 7.0 amps

**ELECTRICAL:** 230/460 volt, 3-phase electrical plug included with 10-foot power cord. Control cord for light in hood mounts flush to top of cabinet. Unit on/off switches operator at 12/24 VAC for operator safety.

**MOTOR STARTER:** Motor starter contractor and overload relay are standard equipment.

**CONTROLS:** Hood-mounted, motor/blower on/off switch and light on/off switch, cartridge backflush toggle valve mounted on front of cabinet for easy access and protection from breaking.

**GAUGE:** Magnahelic gauge is standard.

**WEIGHT:** 475 lbs

**NOISE LEVEL:** 79 dBA @ 6' from exhaust.

## OPTIONS:

- Automatic after-pulse
- Optional HEPA and carbon module
- Big wheel kit
- Dual Arms
- Variety of cartridge filters

# Applications

- Grinding
- Grinding Dust
- Welding Smoke
- Welding Fumes
- Dry Particulate
- And a variety of additional applications that create dust, smoke, or other airborne contaminants

All data has been obtained under controlled conditions. Variables occurring under actual working conditions may cause a slight variance to these specifications. In order to facilitate product improvements, specifications are subject to change without notice.

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