



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, high efficiency, and portable 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 SP-400

The Extract-All™ Model SP-400 Portable Air Cleaning System offers the utmost in versatility and high efficiency in a compact design. The portable system is designed for direct source-capture removal of smoke, dust, fumes, and other airborne contaminants from a wide variety of industrial and other applications.

The SP-400 will improve the air quality in your facility by effectively removing airborne contaminants BEFORE they enter the operators breathing zone. This system is especially effective on welding and powder mixing applications. It comes with a 4-stage filter pack which is appropriate for most smoke and dust applications. Additional filter options are available including HEPA filters for ultra-fine particulate and refillable adsorption modules for chemical vapor removal.

Features & Benefits

- High-efficiency, multi-stage filtration
- Durable cabinet construction
- 4" diameter, adjustable 4' - 6' long extractor arm with fire-retardant properties
- Convenient handle & casters provide easy mobility
- Long life blower motor

All systems feature:

- Standard 3-year warranty
- Heavy duty construction
- Baked polyurethane powder coated paint finish inside & out
- Low noise levels



Specifications

CABINET: 16 gauge steel, polyurethane powder coated paint inside and out

CABINET DIMENSIONS: 20" W x 20" D x 36" H

EXTRACTOR ARM: 4" diameter by adjustable 4' - 6' long with 9" diameter hood

BLOWER/MOTOR ASSEMBLY: Totally enclosed, thermally protected; ball bearing

350W, 2.91 AMPS, 120/1/60, 2940 RPM

RATED FAN PERFORMANCE: 500 CFM *

VELOCITY AT EXTRATOR ARM INLET: 3300 FPM*

WEIGHT: 123 lbs

TYPICAL MOTOR LIFE: 100,000 hours - depending on operating conditions - including ambient temperature, duty cycle, etc.

FILTERS: Baffle Pre-Filter
Secondary Merv 8 Pleated Filter
Primary Merv 14 Cell Filter
Activated Carbon After Filter

** Airflow is based on operation with a clean standard filter combination. Performance varies with other filter combinations.*



Applications

- Adhesive Glue Fumes
- Brazing
- Bulk Packaging
- Chemical Fume Removal
- Cleaning with Solvents
- Grinding
- Laser Etching
- Laser Fumes
- Laser Marking
- Laser Printing
- Light Welding
- Plastic Heat Bending
- Polishing Applications
- Powder Weighing
- Robotic Welding
- Sanding Operations
- Small Grinding Operations
- Solvents
- Chemical & Miscellaneous Mixing
- Toxic Chemical Fumes
- Toxic Fumes
- Toxic Gases
- Toxic Particulate
- Toxic Powders
- Toxic Vapors
- Welding
- Wire Stripping
- 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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