



# 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-800-DA

The SP-800-DA 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 two-arm design will allow you to accommodate two work stations.

The SP-800-DA will improve the air quality in your facility by effectively removing airborne contaminants BEFORE they enter the operator's breathing zone.

## Features & Benefits

- High-efficiency, multi-stage filtration
- Durable cabinet construction
- Dual 4" diameter, adjustable 4-6' long extractor arms 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:** (2) 4" diameter, adjustable 4-6' long with 9" diameter hood  
Each extractor arm provides 4000 FPM Velocity and 350 CFM

**BLOWER/MOTOR ASSEMBLY:** Forward curved centrifugal blower; 1-5 HP, 115/1/60, 3500 RPM

**RATED FAN PERFORMANCE:** 800 CFM \*

**WEIGHT:** 160 lbs

**FILTERS:** Baffle Pre-Filter, Secondary Merv 8 Pleated Filter, Primary Merv 14 Mini-Pleat, Optional Refillable Adsorption Module with Activated Carbon, and Optional HEPA 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
- Heavy Welding
- Plastic Heat Bending
- Polishing Applications
- Powder Weighing
- Robotic Welding
- Sanding Operations
- 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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