



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-DD

The Extract-All™ Model SP-400-DD Portable Downdraft Air Cleaning System offers an effective solution for the removal of smoke, dust, fumes, and other harmful airborne contaminants created by welding, grinding, and a wide variety of industrial and other applications.

This system 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
- Standard spark trap
- 20" x 20" downdraft working surface
- Removable side and back shields
- 2000 FPM downdraft capture velocity
- 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
20" x 20" grated top, including removable 6" high back and side shields

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

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

VELOCITY AT WORK SURFACE: 2000 FPM*

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

NOISE LEVEL: 71 dBA @ 6'; 68 dBA @ 12'

WEIGHT: 123 lbs

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
- Chemical Fume Removal
- Cleaning with Solvents
- Grinding
- Light Welding
- Mail Handling Operations
- Polishing Applications
- Sanding Operations
- Small Grinding Operations
- Solvents
- Chemical & Miscellaneous Mixing
- Toxic Chemical Fumes
- Toxic Fumes
- Toxic Gases
- Toxic Particulate
- Toxic Powders
- Toxic Vapors
- Welding
- 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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