



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 SP987-1 Portable Air Cleaner

The Extract-All® Model SP-987-1 Portable Air Cleaner is an all-in-one system which is designed to capture and filter airborne contaminants with an emphasis on dust, smoke and fume removal.

Model SP-987-1 uses 3 stages of filtration including a Pleated Filter, Rigid Cell Filter, and Activated Carbon Panel Filter. It also includes a heavy-duty caster base, variable speed control, a 3" diameter rigid flex extractor arm with 6" source capture hood, and an exhaust outlet deflector.

Our portable air cleaning system works by drawing in contaminated air through a series of filters. The clean air is then recirculated back into the room, thus protecting the user from dangerous airborne contaminants.

## Features & Benefits

- High-efficiency, multi-stage filtration
- Durable cabinet construction
- 3" diameter, adjustable extractor arm
- Casters provide easy mobility
- Low cost replacement filters for easy maintenance
- Quiet operation
- Long life blower motor
- Helps ensure compliance with current & future OSHA regulations

### All systems feature:

- Standard 3-year warranty
- Heavy duty construction, made in the U.S.A.
- Baked polyurethane powder coated paint finish inside & out



# Specifications

**CABINET:** 18 gauge steel, polyurethane powder coated paint inside and out

**CABINET DIMENSIONS:**  
12-1/2" W x 19 1/2" H x 12 1/2" D

**WEIGHT:** Approximately 40 lbs

**BLOWER:** 350W, 2.8 AMPS, 120/1/60, 2000 RPM, variable speed control, and power cord with plug

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

**NOISE LEVEL:** 65 dBA

**FAN PERFORMANCE:** 350 CFM at .5" ESP

**FILTER TYPE:** Pleated Filter (MERV 10), Rigid Cell Filter (MERV 14), Activated Carbon Panel Filter

# Applications

- Art Conservation
- Circuit Boards
- Dental
- Electronics
- Entertainment
- Esthetician
- Guitar Pedals
- Jewelry
- Machining
- Metal Fabrication
- Packaging
- Painting
- Plastics
- Powders
- Printing
- Soldering
- Veterinary
- Welding

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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