



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 BT-981-1 Bench-Top Air Cleaner

The Extract-All® Model BT-981-1 Bench-Top Air Cleaner captures and filters airborne contaminants with an emphasis on dust, smoke, and fume removal.

This all-in-one system comes with two sets of mounting brackets to easily attach to a table or bench, as well as two 3" diameter self-supporting extractor arms. The BT981-1 also comes standard with a 2-stage filtration system built to accommodate common applications involving fume, dust, and smoke removal.

By using a selection of multi-stage filter packages, this system is designed to remove chemical fumes, odors, dusts, smoke, mist, and many other irritants and pollutants by using high efficiency particulate and adsorbent media filters.

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 users from dangerous airborne contaminants.

## Features & Benefits

- Easily maintained, high-efficiency, multi-stage filtration.
- Unlike other systems on the market, our unique extractor arms have no internal supports or articulated bends, which restrict airflow. CFM is increased by up to 50% over internally supported arms.
- Blower motor rated at 100,000 continuous duty hours
- All electrical components & filter media are UL & CE approved
- 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:** 14 gauge steel, polyurethane powder coated paint inside and out

**CABINET DIMENSIONS:**  
12" W x 10" H x 7" D (without filter or arms)

**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.

**CFM:** 350

**NOISE LEVEL:** 65 dBA

**FAN PERFORMANCE:**  
3800 FPM Extractor Arm velocity with one arm in use  
2250 FPM Extractor Arm velocity with two arms in use

**FILTER TYPE:** Cartridge Filter, Polyester Pre-filter

# Applications

- Circuit Boards
- Conservation
- Guitar Pedals
- Jewelry
- Painting
- Plastics
- Pottery
- Powder Mixing
- 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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