



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 E-600

Designed for direct source capture of various airborne contaminants, the Extract-All™ model E-600 oil mist/smoke collector is an ideal method of cleaning unwanted nuisance or hazardous contaminants from the workplace efficiently and cost-effectively.

When it comes to machining operations, there are potential health hazards and risks associated with the oil and water based cutting fluids that are used as coolants and lubricants. Metalworking applications such as cutting, sawing, polishing, and grinding along with the use of these cutting fluids produces a mist that is sent airborne. This mist can pose great health risks resulting from long term exposure. Facilities also are at risk of physical hazards to the worker such as slippery floors. Proper containment of floatation mist is essential to a safe working environment.

Designed for direct source capture of various airborne contaminants, the E-600 is most effective when accommodating a single machine or enclosure.

The Extract-All™ E-600 operates by collecting the contaminant-laden airstream into the collector's inlet plenum, which is designed to drop out large mist or other particles. The airstream then turns and passes up through a multi-stage filter system while the clean air is exhausted through the top of the unit.

Features & Benefits

- Slotted rails for easy filter installation
- 600 CFM nominal
- Side load easy filter access
- Heavy duty direct drive blower
- 6" inlet size
- Positive sealing cabinet
- 3 stage filtration
- Built in oil deflector
- Angled inlet plenum to facilitate coolant drainage

All systems feature:

- Standard 3-year warranty
- Heavy duty construction
- Low noise levels



Specifications

CABINET: 16 gauge galvanealed steel

FINISH: Industrial grade textured baked enamel paint inside and out

DIMENSIONS: 27" H x 20" W x 13.25" D

MOTOR: 3/4 HP, 120V, 60 HZ, TEFC motor, thermally protected

BLOWER: Direct drive, heavy duty forward inclined wheel

WEIGHT: 135 lbs actual; 160 lbs shipping

FILTER ACCESS: Side load - through removable access panel

FILTRATION:

Standard-10" x 20" x 2" mesh pre filter

Standard-10" x 20" x 2" baffle pre filter

Standard-10" x 20" x 6" primary filter (95% ASHRAE efficient)

FILTER GAUGE: Minihelic pressure gauge for filter cleaning notification

NOISE LEVEL: 63 dBA

DRAIN: 1" NPT pipe coupling, female thread

MOUNTING: Machine mount brackets standard / reverse brackets for hanging

Applications

- Oil machine mount for oil mist & smoke capture
- Small dry dust applications
- Grinding
- Machining
- Boring
- Chuckers
- EDM Machining

- Machine Tools
- Metal Turing Centers
- Milling
- Oil Mist & Coolant Smoke Removal
- Paint & Ink Spraying
- Parts Washing
- Screw Machines

- Wet Grinding
- 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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