



# 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, and high efficiency 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 SCDD-3450

The Extract-All™ Model SCDD-3450 downdraft table is a heavy-duty and powerful air cleaning and dust collection system. Keep a clean work environment while protecting worker health. Our high efficiency system works by drawing contaminants down and away from the operators breathing zone.

The SCDD-3450 is specifically designed for the effective removal of smoke, dust, fumes, and other airborne contaminants from a wide variety of industrial and other applications.

It features a 99% efficient self-cleaning cartridge filter, hinged side and back shield, while heavy steel grating provides an excellent all around work surface. Specialized materials are optional for plasma cutting, scratchless surfaces and non-sparking applications.

Modular design allows our tables to be used individually or in groups, side by side, or back to back, whatever best fits your requirements. If your requirements change, simply add another table or split up your existing ones.

## Features & Benefits

- 3450 CFM
- Baffle type spark arrestors
- 72 dBA at operator
- Two each 99.999% efficient fire-retardant cartridge filters
- Filter cleaning mechanism
- Easy-access front overhang
- Hinged filter door with easy-open latches for quick filter change-outs
- Motor starter, overload relay
- Easy open, high-capacity dust tray



# Specifications

**CABINET:** 12 gauge welded galvanealed steel

**FINISH:** Industrial grade textured baked black enamel paint inside and out

**CABINET DIMENSIONS:** 36" D x 55" W x 32" H

**BLOWER/MOTOR ASSEMBLY:** Single speed, 2 HP, single phase, 120V, 60 HZ, TEFC ball bearing motor

**BLOWER:** Belt-driven 12-9 blower

**FAN PERFORMANCE:** 3450 CFM

**FILTER CLEANING:** Compressed air pulse-extends filter life

**EXHAUST:** Modular design allows blower exhaust toward the front, left or rear (specify on order)

**FILTER ACCESS:** Side load through hinged door for easy access

**STANDARD WEIGHT:** 700 lbs actual; 750 lbs shipping

**NOISE LEVEL:** 76 dBA

**FILTERS:** Two each 99.999% efficient fire-retardant cartridge filters

**CONTROLS:** On/off switch with starter and overload relay included on all units

# Applications

- Grinding
- Grinding Dust
- Welding Smoke & Fumes
- Finishing Applications
- 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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