



Extract-All™

An exclusive Air Impurities
Removal Systems, Inc. brand

Extract-All™ Oil Mist/Smoke Particulate Collector Model E-1400 Series

Designed for direct source capture of various airborne contaminants, the E-1400 Oil Mist / Smoke / Particulate Collector is an ideal method of cleaning unwanted nuisance or hazardous contaminants from the workplace efficiently and cost-effectively.

The E-1400 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.

Filters for the E-1400 can be removed through an easy-open hinged front panel. Three-way brackets are provided with each unit for versatile mounting configurations (ceiling, wall or floor/stand).

Features & Benefits

- Compact design suitable for various mounting configurations.
- Up to four inlet openings for use with multiple stations.
- 16 ga. welded steel cabinet.
- Baked polyurethane powder painted interior and exterior.
- Cabinet is tightly sealed to avoid air bypass.
- Standard liquid drain in bottom of unit.
- Single-hinged door for easy filter removal and maintenance.
- Quick-release latches on easy-open door.
- Low noise level during operation.
- Designed to accommodate various filter types.
- Positive seal filter lockdown.
- All CFM ratings are measured with clean filters installed.
- Heavy duty industrial direct drive blower.



Specifications

DIMENSIONS: 51.0" H x 26.5" W x 16.5" D

AIR VOLUME:

1520 CFM, with clean filters, one inlet open, and without ductwork.

1610 CFM, with clean filters, three inlets open, and without ductwork.

NOISE LEVEL: 72dBA @ 6 ft.; 70 dBA @ 12 ft.

ELECTRICAL:

Standard 2 HP - 208/230/460/3/60

Optional: 1 1/2 HP - 115 208/230/1/60

WEIGHT: 189 lbs. without filters; 215 lbs. with clean standard filters installed.

BLOWER: Direct Drive

PRESSURE GAUGE: Standard

FILTRATION:

Standard-12" x 24" x 2" Aluminum Mesh Filter

Standard-12" x 24" x 4" Mist-X Chevron Style Baffle

Standard-12" x 24" x 12" (95% ASHRAE efficient)

Rigid Cell Filter with oil mist lining

Optional variety of other filter combinations available.

FILTER ACCESS: Front load single-hinged panel door

INLET PLENUM: Includes Std. (1) 8" dia. inlet collar on front. Up to three additional inlet collars are available (on side(s) and back)

Includes Std. sump fitting to drain collected liquids.

CONSTRUCTION: 16 ga. welded steel cabinet

COLOR: Raven Black-Baked Polyurethane Powder Finish

Application Examples

- CNC Machine Centers
- Wet Drilling
- Lathes
- Wet Grinding
- Metal Turning Centers
- Srew Machines
- Chuckers
- Milling
- Boring
- Parts Washing
- Solvent, Chemical & Miscellaneous Mixing
- Many Additional Wet & Dry Industrial Applications



Extract-All™
Model E-1400 Series Offers
3 Year Warranty

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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