

# SE1602W CleanAir Smoke Extractor

## Processes

- Weld Fume Control

## Description

- The SE1602W smoke extractor is a lightweight, stainless-steel enclosed, suitcase-sized air cleaner that is very easy to transport about the jobsite
- Welding fume is trapped at the source, maximizing the protection to the operator by removing airborne contaminant before it enters the operator's breathing area
- Clean air is recycled back into the work area which reduces building heating and cooling costs when compared to air-extraction-type systems
- The SE1602W comes with either a single-stage EF400 non-reusable cellulose-paper filter or an optional dual-stage EF600 HEPA filter/EF500 pre-filter combination
- An EF200A re-usable, polyester washable filter that utilizes a powdered pre-coating is available on special order

## Features

- Extreme-Duty stainless steel construction
- Collapsible handle saves space
- Recessed control panel protects on/off switch and input cord
- Heavy-duty stainless steel intake nozzle comes with magnetic locating-stand for optimum nozzle placement
- Two-mode capacity switch for adjusting the suction level
- High portability with a weight of only 48 lb including hose and locating stand
- Recessed control panel protects on/off switch and input cord
- Internal spark-trap prevents sparks, slag and other debris from entering the filter
- Dual bypass motors help prevent damage from over heating caused by clogged hoses, air restrictions, or plugged filters

## Specifications SE1602W

**Air Flow, No Load**  
225 CFM [382 m<sup>3</sup>/hr]  
without nozzle or hose

**Air Flow, Full Load**  
160 CFM [270 m<sup>3</sup>/hr]  
with nozzle and 25' hose

**Filter Efficiency**  
99.5% [EF400]

**Number of Motors / Motor Type**  
2/Bypass

**Input Voltage/Amperage**  
120 VAC, 50/60 Hz, 13 amps

**Dimensions**  
H: 14.5" [368 mm]  
W: 9.25" [235 mm]  
L: 26.5" [673 mm]

**Weight**  
48 lb [21.8 kg] including 15 ft  
hose and magnetic base

**Hose Length**  
15 ft [4.6 m]



## Optional Hoses

- EH175-25 25 ft suction hose, EH175-50 50 ft suction hose

## Available Filter Types

- **EF400** Single-Stage Disposable Filter, 99.5% efficient, cellulose-paper
- **EF200A** Single-Stage Washable/Reusable Filter, 99.2% efficient, polyester, requires a powder pre-coating (special order only)
- **EF500** Primary with **EF600** HEPA Secondary Filter, Dual-Stage HEPA System
- **ECF100A** Carbon Filter, two-cassette type, used in conjunction with EF400, EF200A, and EF500/EF600 combination filters

**Hose I.D.**  
1.75" [45 mm]

**Number of Filters**  
One single filter  
or primary/HEPA combination

**Filter Type**  
High-efficiency or optional HEPA

**Maximum Vacuum**  
80" W.G. [21 kPa]

# SE1602W CleanAir Smoke Extractor

## Welding-Fume Extractor Rental Policy

To help our customers comply with OSHA standards related to occupational exposure to Hexavalent Chromium, Red-D-Arc provides welding-fume filtration/extraction equipment for rental, lease and purchase under the following:

1. Filters for welding-fume extraction equipment are available for use by our customers on a purchase-only basis.
2. Used filters are not to be returned to Red-D-Arc under any circumstances.
3. Customer is responsible for assuring that equipment is operating properly and that the equipment operator has been instructed in the safe and proper use of the equipment.
4. Customer is responsible for filter removal as well as equipment cleaning and proper disposal of any hazardous materials (such as Hexavalent Chromium) in accordance with any applicable OSHA, EPA, state, provincial or local laws
5. Customer is responsible for returning any welding-fume extraction equipment with no visible surface-dust including any dust in the filter housing and hoses.
6. Guidance information to assist our customers with proper operation of welding-fume extractors and related regulatory compliance information is available from Red-D-Arc and is subject to the provisions of the Customer Assistance Policy.

---

## Additional Features

The SE1602W recycles clean air back into the work area which reduces building heating and cooling costs when compared to air-extraction-type systems. It comes with either a single-stage EF400 non-reusable cellulose-paper filter or an optional dual-stage EF600 HEPA filter/EF500 pre-filter combination. An EF200A re-usable, polyester washable filter that utilizes a powdered pre-coating is available on special order. An optional carbon filter is also available to eliminate odors, gases, ozone, etc., after the particulate has been collected. The two cassettes fit inside the machine between the large filter and intake motors

