

AIR PEL **TECHNIC**
BREATHE GREEN

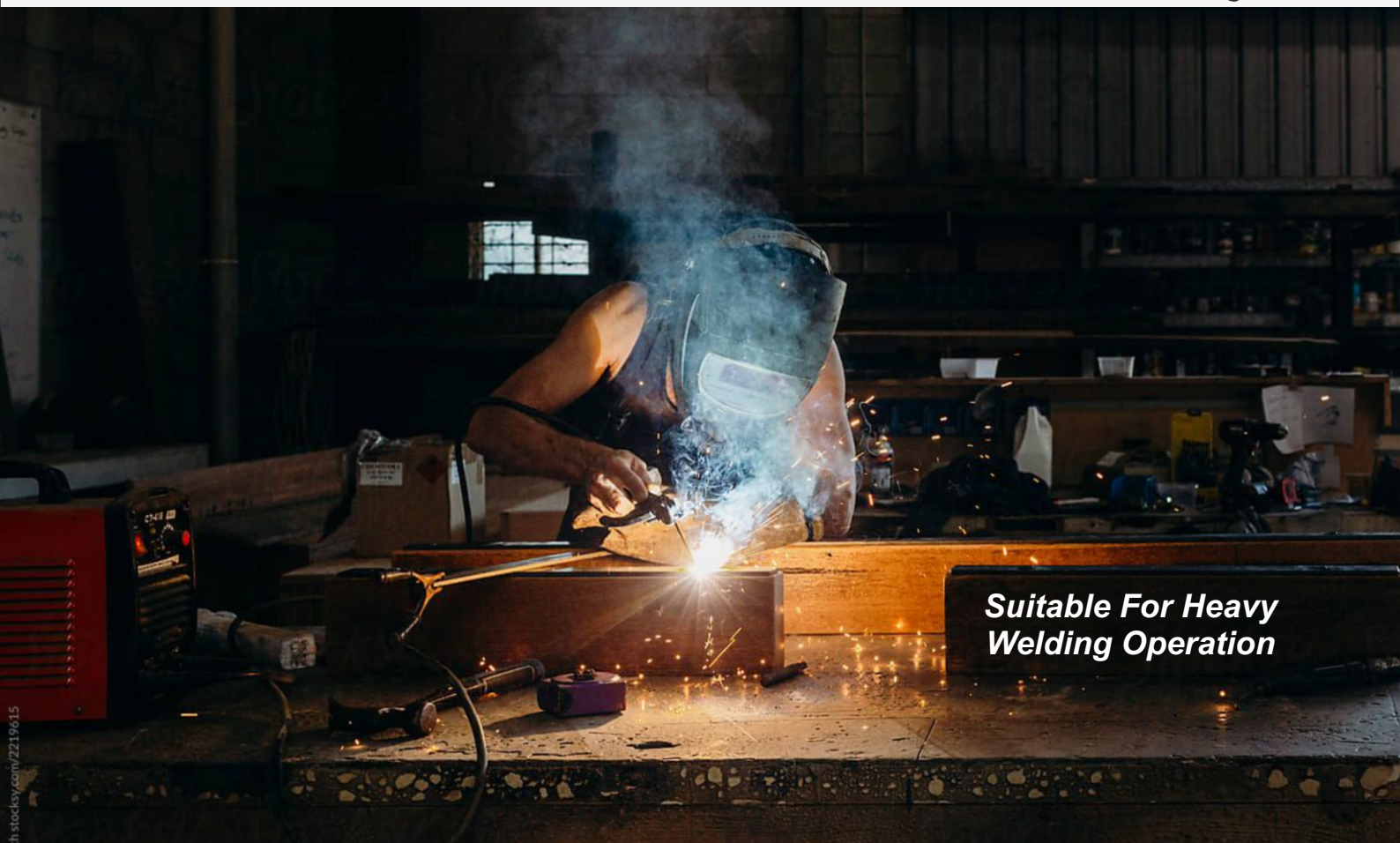
SMOKE-IN-1100

PORTABLE WELD FUME EXTRACTOR

Eliminate harmful airborne contaminants at source with the Clean Air Industries Portable Weld Fume Extractor.

Featuring 1200 CFM of air flow, the Air Pel Portable Weld Fume Extractor will consistently outperform competitive units with a draw distance of nearly two feet so you don't need to constantly re-adjust placement.

Highly-durable and whisper-quiet, owing to its built-in acoustical lining in the blower compartment.



**Suitable For Heavy
Welding Operation**

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AIR PEL[®] TECHNIC

BREATHE GREEN

SMOKE-IN-1100

PORTABLE WELD FUME EXTRACTOR

Product Benefits

- Capture harmful airborne contaminants, such as dust and weld fume, at source; before they can enter your breathing zone.
- Compact design and easy to manoeuvre.
- Compliant with OSHA guidelines for the safe capture of weld fumes and smoke.
- Best in-class draw distance and filter life.

Key Product Features

- **Heavy Duty Construction:** Featuring 12-gauge powder coated steel.
- **Steel Constructed Fume Arm:** Powder coated steel fume arms hold up under tough work environments as opposed to the plastic construction many portables use.
- **Cleaning System:** Using a unique internally vents cleaning with a continuous air stream, the filter life on Airpel SMOKE IN portable is about 6-7 times longer than traditional reverse pulse systems used with competing portable fume extractors.
- **Built-In Spark Arrester :** Includes one (1) 16"x25"x2" fire-retardant C-VORTEX pre-filter
- **Plug and Play:** 415V, Three-phase, 1.5 HP motor.
- **Easy Mobility:** Featuring four (4) industrial-strength lockable swivel caster wheels for effortless transport within your facility.

Filter Information

The Clean Air Industries Portable Weld Fume Extractor features two stage filtration. A mesh pre filter for spark arrester followed by a horizontally-mounted 80/20 blend Cellulose/Polyester Cartridge Filter for welding smoke and fume capture



SCAN FOR PDF



**DURABLE
CELLULOSE
POLYESTER
CARTRIDGE
FILTER**

AIR PEL^S TECHNIC

BREATHE GREEN

SMOKE-IN-1100

PORTABLE WELD FUME EXTRACTOR



Welding Application -

- * Ideal for Industrial Manufacturing
- * Manual Welding Process
- * MIG TIG LASER Welding

Health & Safety -

Exposure to weld fumes and weld smoke can pose various health risk. The specific health effects depend on the composition of the fumes, The duration and intensity of exposure, and individual susceptibility.

Here are some potential health risks associated with exposure to weld fumes and weld smoke:

- * Respiratory Issues
- * Lung Damage
- * Metal fume Fever
- * Neurological Effects

Regulatory Compliance

Health and safety issues are being taken very seriously by a growing number of companies as OSHA, International, and industry standards increase.

To meet these standards companies must implement a highly efficient dust and fume filtration system to filter out the harmful particulate.

The exposure limits these companies are targeting range from .02 to 1mg/m³ depending on company policy, well below the 5mg/m³ standard set by OSHA

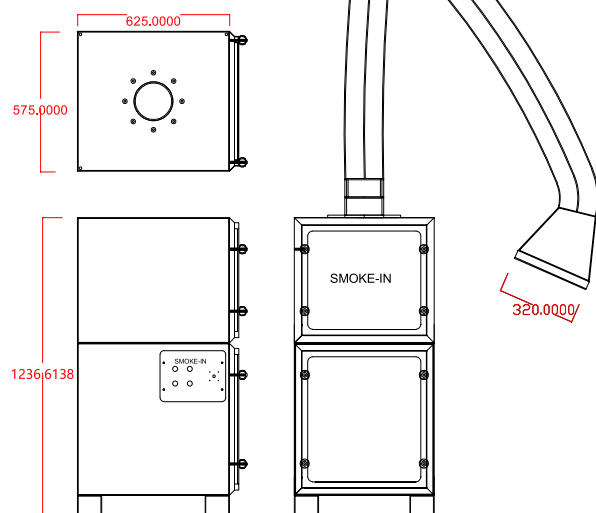
Warranty Info

All Clean air industries units are backed by a standard 2-year manufacturer's warranty.

We guarantee that the major structural components of the goods will be free from defects in material and workmanship for one 2 year from the date of shipment.

* This warranty does not cover consumable parts, fuses ,and filters.

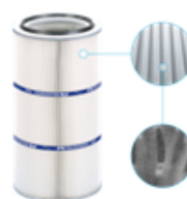
SMOKE-IN-1100



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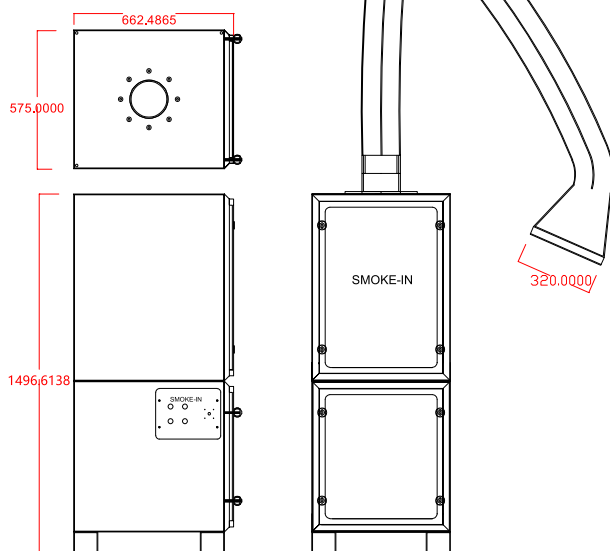


PRE FILTER



MAIN FILTER
CARTRIDGE
16 INCH DIA

SMOKE-IN AUTO-1100



SMOKE-IN- AUTO 1100



PRE FILTER



ISO ePM2,5 65%
Filter class acc. to EN 779:2012



Filter class acc. to
EN 1822 H-13

MODEL	CFM	HP/Kw	VOLTAGE	Amp	DIMENSTION	dBA	ARM	Weight
SMOKE-IN1100	1200	1.5/1.1	415V 3PH 50Hz	2.4	23" X 25" X 50" H	72	7" X 10"	115 KG
SMOKE-IN AUTO-1100	1200	1.5/1.1	415V 3PH 50Hz	2.4	23" X 25" X 60" H	72	7" X 10"	135 KG

* Please note that the dimensions provided are based on our base models and may vary depending on selected features. To ensure accurate shipping quotes, kindly contact us for personalized information that considers your chosen product features and customization. Feel free to reach out with any questions or to request a personalized shipping quote. We are committed to your satisfaction and look forward to helping you!

