

CleanZone Fume Extraction Units

Aura

Reliable extraction without unnecessary complexity

The CleanZone Aura is a high-efficiency fume extraction unit designed to protect welders by significantly reducing exposure to harmful welding fumes. Designed for smooth day-to-day operation, the Aura is ideal in tight workspaces and mobile setups, providing constant performance with minimal intervention and the low-noise design helps reduce disruption on the shop floor.

Consistent suction and stable airflow ensure effective fume capture at the source. Automatic filter cleaning and performance alerts help keep productivity consistent with minimal disruption, while the long-life brushless motor further reduces maintenance and supports dependable day-to-day use.

For maximum performance pair the Aura with the [Aeroarc Fume Torch](#) to capture fumes directly at the source, ensuring a safer, cleaner environment for every weld.



Filter

Stages:	2
Filtration Efficiency:	99.9%
Cleaning:	Auto Cleaning (compressed air)
Filter Area:	
Main	1.38 m ²
Filter Material:	
Main	Polyester and PTFE
Spark Arrestor	Galvanized Steel

Performance

Extraction Capacity:	65 m ³ / h @18kPa 128 m ³ / h @ 5kPa
Maximum Vacuum:	18kPa
Max Airflow (fan only):	186 m ³ /h
Power Supply:	230V / 50Hz-60Hz
Motor Power:	1.2KW
Noise Level:	70-75dB(A) @ 50% 70dB(A) @ 100%
Ambient Temperature:	Storage -20°C -70°C / Operating -10°C -50°C
Maximum Altitude:	Limited to 1000m above sea level

Key Features

Users:	1
Brushless Motor:	≥5,000-hour service life
Operation:	Auto start/stop function
Dust Collection:	Automatic filter cleaning Visual and audio alarms 6L integrated dust tray
Interconnection Hose:	Up to 20m (plus torch)
OLED Display:	Parameters at a glance - output, filter full, volume flow, start-up/run time

Applications

Single torch welding station

Medium to heavy duty applications

Low to moderate fume generating metals, e.g., mild steel, aluminium, alloy metals

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Simple, Practical Usability

Automatic start /stop, system alerts and a digital display user interface simplify day-to-day use, allowing welders to focus on their work while maintaining consistent productivity.



Packaging

Dimensions:

Unit Only
Packaging (inc pallet)

380 x 420 x 900mm
TBC

Weight:

Unit Only
Gross Weight Inc Pallet

29 kg
TBC

HS Tariff Code:

TBC

Standards

Welding Fume Class:

W3 according to ISO 21904 Part 1 and 2

Filters:

Main Filter: E10 according to DIN EN 1822

**Fume protection that fits the
way welders work**



CleanWeld Fume
Extraction Torches