

# AES WELD CUBE - MOBILE WELD FUME EXTRACTOR - HEPA



## TECHNICAL SPECIFICATION

Dimensions (L x W x H)	556 x 704 x 1040 mm
Power (kW)	1.1 kW
Max. Airflow (m <sup>3</sup> /h)	1200 m <sup>3</sup> /h
Noise Level (dB(A))	73
Voltage	110V / 230V
Arm Length (m)	3 m Flexible Arm
Arm Max. Reach (m)	2.5 m
Pocket Filter Surface Area	18 m <sup>2</sup>
Filter Efficiency (%)	> 99.95%
Frequency (Hz)	50 Hz
Phase	1
Max. Temperature (°C)	60°C
Weight (kg)	110 kg

## OPTIONS

- Carbon filter on discharge
- Rigid extraction arm
- 110V / 230V Power Supply

## DESCRIPTION

The AES Weld Cube is a mobile and compact filter unit designed for the extraction of welding fumes. Suitable for industrial welding applications, and equipped with three filter stages:

- Metal spark arrester
- Synthetic filter (to arrest any oil or wet parts caused by the welding process)
- HEPA H13 Pocket Filter

Supplied complete with a LCD front interface control panel complete with on/off buttons, electrical hour counter and electrical pressure gauge with check/change filter signal.

## FEATURES

- 3 meter flexible extraction arm
- Metal spark arrester, synthetic filter & Pocket HEPA H13 Filter, 18m<sup>2</sup> surface
- 1.1kW fan (110v / 230v) & 1200 m<sup>3</sup>/h max airflow
- Electrical Pressure gauge (filter check/change signal)
- Electrical hours of operation counter
- Hinged door for easy maintenance, front-loading filters
- Handlebar for easy handling
- Soundproof insulation in fan module
- Maximum arm extension of 2.5m
- Please note that these units are supplied with a 3-pin industrial commando plug rated at 16 Amps

## FRONT CONTROL PANEL & INTERFACE

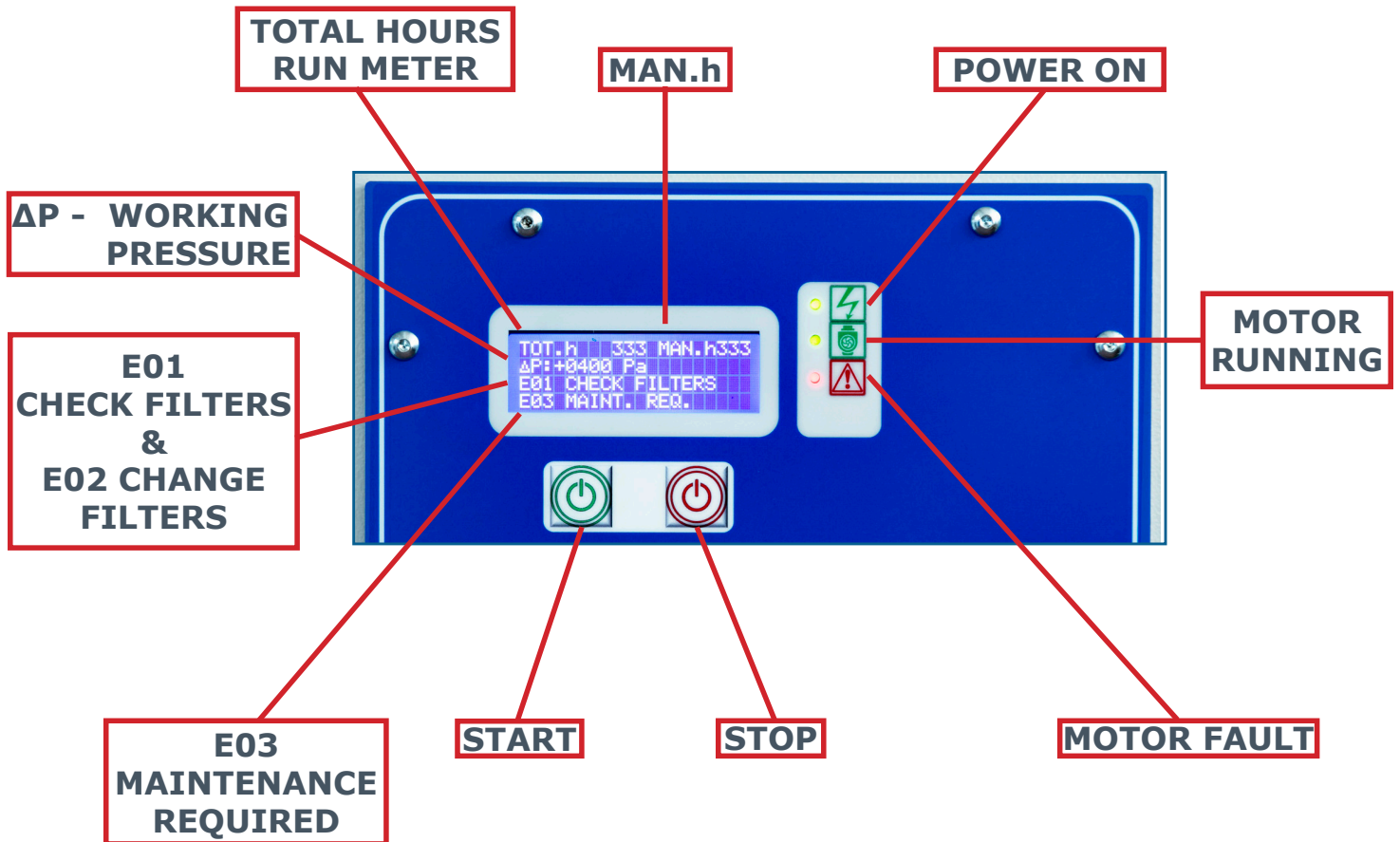


## FILTER CONFIGURATION



AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

## AES WELD CUBE - LCD DISPLAY



### LCD PANEL FEATURES / KEY

**TOT.h:** Total Working Hours

**ΔP:** Working Pressure of System

**E01 CHECK FILTERS:** Pressure drop detected check filter condition / clean pre filter

**E02 CHANGE FILTERS:** Pressure drop indicates filters are clogged and require replacement

**E03 MAINTENANCE REQUIRED:** Maintenance required. Press the START button for 3 seconds to reset the machine.

**MAN.h:** Recorded hours from last maintenance service

### CONTROL PANEL FEATURES / KEY

**START:** To switch unit ON, press button START

**STOP:** To switch unit OFF, press button STOP

**POWER ON:** Machine power running

**MOTOR RUNNING:** Motor working as intended

**MOTOR FAULT:** Motor mechanical/electrical fault detected, maintenance required