

AER 201

PORTABLE FILTER UNIT FOR WELDING FUMES



Use

Welding fume extraction

Construction

Painted steel

Applications



MIG MAG



Pulse
MIG MAG



MMA
Stick
electrode



TIG

MAIN FEATURES

Portable filter unit with DC brush motor and motor protection.

FILTER SECTION

The filter section consists of a metallic spark arrestor, a cartridge filter in class BIA "M" and an active carbons filter.

ACCESSORIES

An expulsion flexible hose (Ø 50 L. 2 m) can be fitted on the discharge hole of the unit.

STRUCTURE

Powder coated steel casing resistant to accidental impacts but also light for an easy transportation.

Flexible hose (Ø 50 L. 2 m) with capture nozzle and magnetic positioner.

VERSIONS

AER 201 with ON/OFF switch
AER 201 with electronic speed regulator.

USE

Extraction of welding fumes (intermittent use) with medium-low concentrations of pollutants.

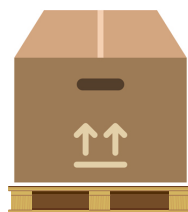
Portable unit suitable for closed or difficult-to-reach environments, where standard extraction devices cannot be used.

Not suitable for the use in potentially hazardous work areas.

CERTIFICATIONS



PACKING

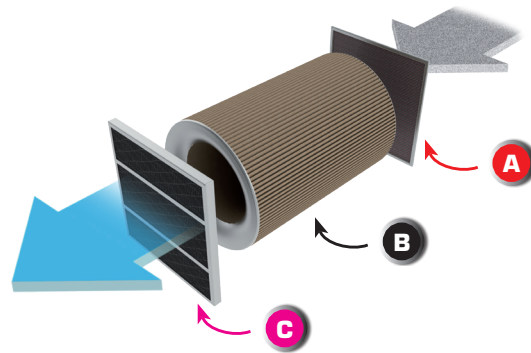
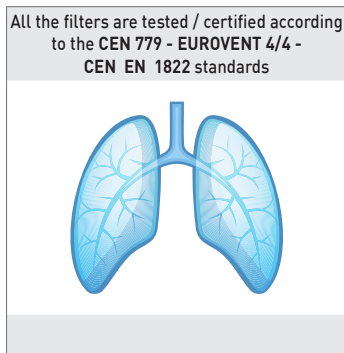





(80x60x75 cm)

TECHNICAL FEATURES

Model	Ø flexible hose mm	Lenght mm	Motor power kW/V/Hz	Fan capacity m ³ /h	Max Air flow m ³ /h	Filtration efficiency %	Noise dB (A)	Dimension WxLxH mm	Total weight kg
AER201	50	2000	1,1/230/50	250	110	>99	72	530x270x450	20

FILTRATION



Filtration stage	Type and description	Filter dimensions mm	Efficiency %
A	 Metal pre-filter	12	G2 25%
B	 Cartridge filter	Ø 125 L. 285	BIA "M" >99%
C	 Active carbons filter	30	

AER201

Code	Description
AER21C00A0A00	Portable fume extractor AER 201 - 230V 50Hz 1,1kW - Filtration efficiency BIA "M" >99% - ON/OFF
AER21C00ARA00	Portable fume extractor AER 201 - 230V 50Hz 1,1kW - Filtration efficiency BIA "M" >99% - Electronic speed regulator

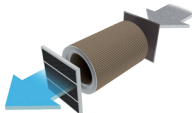
NOTE – Special versions 110V, 60Hz on request

AER 201


PORTABLE FILTER UNIT FOR WELDING FUMESS



SPARE PARTS


FILTERS

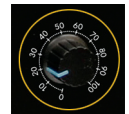
Replacement filters for AER 201	Code	Description
	RFOAER2010002	Kit replacement filters for AER 201 including: spark arrestor filter, cartridge filter 99%, active carbons filter

ELECTRICAL PARTS

Brushes	Code	Description
	RICAER0000SPZB	Set No. 2 brushes for AER 201 motor 1100W 240V/50Hz

Motor	Code	Description
	RICAER0MOTSPZB	Replacement motor for AER 201 - 1100W 240V/50Hz
	RICAER0MOTSPZ1	Replacement motor for AER 201 - 1100W 110V/50Hz

Cable	Code	Description
	DBPZ2201020LK	Cable 250V 10A - L. 3 m - With Schuko and Poly Snap lock plug

Electronic speed regulator	Code	Description
	DBORVOAER201	Electronic speed regulator for AER 201



HOSES

T19 flexible hose	Code	Description
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T1920000000050 T19 flexible hose Ø 50 mm - L. 2000 mm

T15 flexible hose	Code	Description
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T1500410002000 T15 flexible hose Ø 40 mm - L. 2 m - For connection with fume torches

T1500510002000 T15 flexible hose Ø 50 mm - L. 2 m - For connection with fume torches

T1500630002000 T15 flexible hose Ø 60 mm - L. 2 m - For connection with fume torches

NOZZLES

Conical nozzle with galvanized rod	Code	Description
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RICAER0010SPZB Conical nozzle Ø 48-90 mm - H. 120 mm - With rod and magnet