

MODULAR EXHAUSTERS SOS AM WITH ASYNCHRONOUS MOTOR



FOR WELDING, GRINDING, SOLDERING

Saves instead of you

FOR CLEAR AIR AND SAVING HEAT IN THE WORKPLACES

These exhausters are applicable for a long-run operation and with need of smallness.

Quality of delivery
certificated



ISO 9001



APPLICATION:

It is advisable to use these exhausters for exhaust of impurities rising during welding, grinding, soldering etc

BASIC STRUCTURE OF EXHAUSTERS:

- Box of drive with the high speed vacuum cleaner motor (asynchronous) controlled by the converter
- Boxes of filtration with the mechanical or the mechanical-chemical filters
- Bin with the cyclone and the casters

UNIVESALITY:

The exhausters SOS AM are parts of the multi-purpose modular system SOS for exhaust of injurants. The box of drive with the asynchronous motor is interchangeable with the box of drive with the comutator motor of the serie SOS 101, SOS 201 of the exhausters. The exhausters have a lot of multi-purpose accessories see price list.

VERSIONS:

SOS AM 101.3.S - welding, with controlled rate of air by the converter

SOS AM 201.3.S

SOS AM 101.3.B - grinding

SOS AM 201.3.B

SOS AM 101.3.BP - soldering

SOS AM 201.3.BP



ŠIMKO s.r.o.

1. máje 2000, 547 01 Náchod
Tel/fax: +420 491 424 280 - 1
E-mail: ekosimko@quick.cz
www.ekosimko.cz

ENGINEERING CHARACTERISTIC:

Type of product	SOS AM 101.3.S	SOS AM 101.3.B	SOS AM 101.3.BP	SOS AM 201.3.S	SOS AM 201.3.B	SOS AM 201.3.BP
Voltage rating / V/	230	230	230	230	230	230
Rated current /A/	4,5	4,5	4,5	9	9	9
Input / W/	1000	1000	1000	2000	2000	2000
IP code	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
Environment	Normal basic	Normal basic	Normal basic	Normal basic	Normal basic	Normal basic
Cross section of filtration module /cm/	32 x 32	32 x 32	32 x 32	45 x 45	45 x 45	45 x 45
Maximal underpressure /kPa/	15	15	15	15	15	15
Maximal levels of rate of air flow /m ³ /hod./	180	180	180	350	350	350
Filter 1 th. stage	3 pockets filter RUNO PES area = 0,5m ²	6 pockets filter FITEVIC 500 VIKAFIL, FIAB, FITEV area = 1,5m ²	6 pockets filter FITEVIC 500 VIKAFIL, FIAB, FITEV area = 1,0m ²	5 pockets filter RUNO PES area = 1,1 m ²	9 pockets filter FITEVIC 500 VIKAFIL, FIAB, FITEV area = 3,2m ²	9 pockets filter FITEVIC 500 VIKAFIL, FIAB, FITEV area = 2,0m ²
Filter 2 nd.+ 3 rd. stage	6 pockets filter FIAB area = 1,0m ²		Volume filter CARBOTEX 17,5 or 30,1 dm ³	9 pockets filter FIAB area = 2,0m ²		Volume filter CARBOTEX 34,4 or 60,7 dm ³
Diameter of inlet branch /mm/	40	40	40	80	80	80
Height /cm/	119	112	119	127	120	127
Width /cm/	32	32	32	45	45	45
Length / depth /cm/	32	32	32	45	45	45
Weight /kg/	30	28	31	51	49	52
Noise level Ø/BA/	72	72	72	75	75	75

Noise level was measured in-build condition of the exhaustor (with piping)