

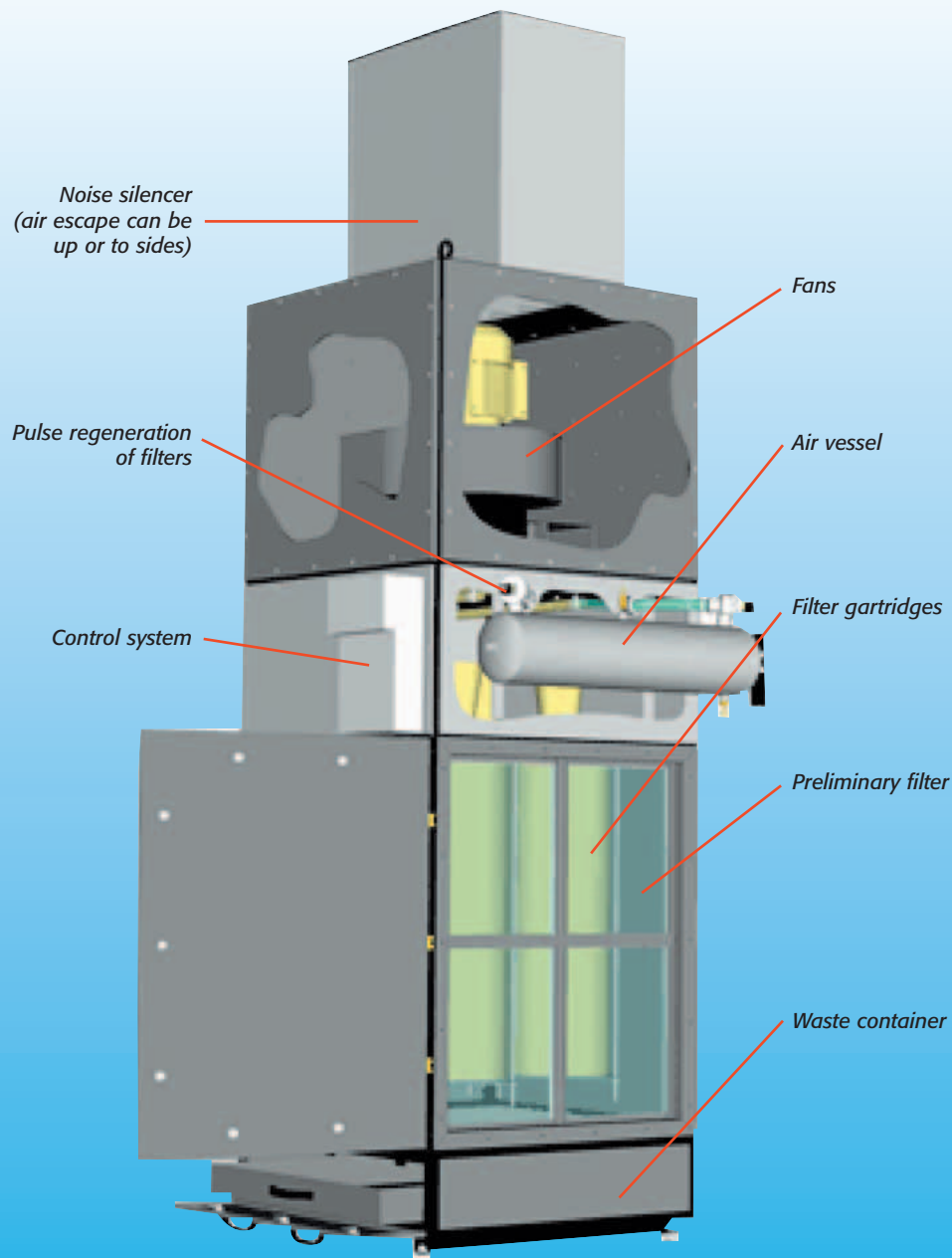
MODULAR BLOCK EXHAUSTERS SOS FB

EKO[®]

FOR CLEAR AIR AND SAVING HEAT IN THE WORKPLACES

*Saves your
breath and money*

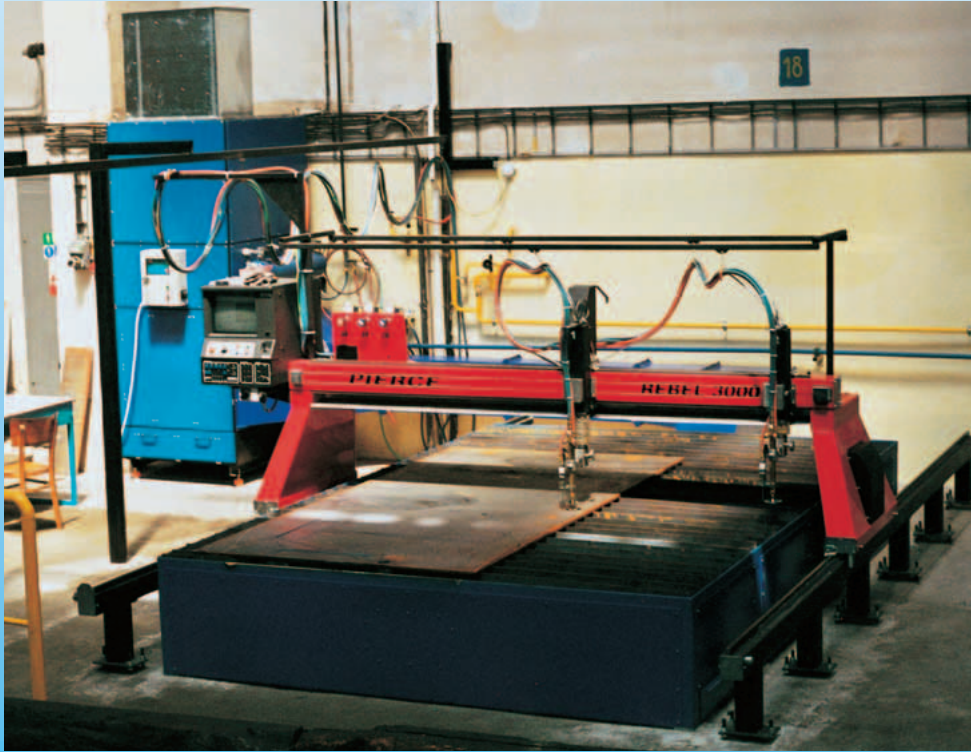
Quality of delivery
certificated
CLPR
CERTIFIKACE
ISO 9001



EKO[®] **ŠIMKO s.r.o.**
CZECH REPUBLIC
1. máje 2000, 547 01 Náchod
Tel/fax: +420 491 424 280 - 1
E-mail: ekosimko@quick.cz
www.ekosimko.cz

APPLICATION:

It is advisable to use these exhausters for exhaust of dry, non adhesive, flameproof aerosols and dusts in engineering, building industry, textile and food industry. They are applicable for harmful substances collecting that they are rising during welding, grinding, flame or laser or plasma cutting (it is possible to use them with tables EKO ST P) and a lot of next applications. The Block of filtration is possible eke out with next parts according to kind of harmful substances (technology) as the part CARBO (active carbon), the part CALCIO (calcite), the fire proof part etc.



MERITS OF THE EXHAUSTERS SOS FB:

- they make possible to save the higienic environment air and to achieve saving of heat on work places that have high need of quantity of polluted exhaust air
- pulse (full automatic) regenerating of the filters (hidraulic shock of pressure air) makes possible long life of the filter-beds (cartridges)
- automacic multiple regenerating of the filters after switching out of fans
- unmanned operation
- minimal maintenance that consist in the sludge bottle of pressure air transforming valve discharging and in the dust accumulated in waste container discharging
- high efficiency of harmful substance collecting (higher than 99,9%) and the low costs

- relatively low price of the machine
- modular configuration that makes possible easy adaptability for variable needs
- they are applicable for exhaust of the cutting tables with high rising of aerosols. The filter material can collect dust and fume rising during welding, grinding. It is possible eke out machine with the part of active carbon for achieving better higienic parameters filtered air
- the exhausters can contain noise silencer and air escape can be up or to sides
- good accessibility, easy and fast mounting and dismantling filter cartridges
- lower need of pressure air for regenerating of the filters (by reason of using the new membrane valves)
- easy discharging of dust accumulated in the waste container (after uncovering of the lower door)
- easy and fast setting in operation (it will be connected only to the electrical network 3X400V/50Hz and to compressed air supply system along with connection of suction and exhaust line)
- the filters can be equiped with PES, PES with PTFE membrane filtration material (we can supply another special materials on demand)

ENGINEERING CHARACTERISTIC:

Type of the exhauster	Input (W)	Rate of air flow (m ³ /h)	Max. underpressure (Pa)	Diameter of inlet branch (mm)*	Voltage system (V/Hz)	Rated current (A)	Filtere area (m ²)	Height (mm) **	Width (mm)	Length / depth (mm)	Weight (kg)
SOS FB 4000/4	4000	4000	2500	315	3x400/50	7,1	64	3000	1550	1300	500
SOS FB 4000/4/PTF	4000	4000	2500	315	3x400/50	7,1	64	3000	1550	1300	500
SOS FB 6000/4	5500	6000	3000	355	3x400/50	9,7	64	3000	1550	1300	530
SOS FB 6000/4/PTF	5500	6000	3000	355	3x400/50	9,7	64	3000	1550	1300	530
SOS FB 8000/4	7500	8000	3600	400	3x400/50	12,9	64	3000	1550	1300	550
SOS FB 8000/4/PTF	7500	8000	3600	400	3x400/50	12,9	64	3000	1550	1300	550
SOS FB 8000/6	7500	8000	3600	400	3x400/50	12,9	96	3000	1550	1500	650
SOS FB 8000/6/PTF	7500	8000	3600	400	3x400/50	12,9	96	3000	1550	1500	650
SOS FB 10000/8	2x5500	10000	3000	2x355	3x400/50	2x9,7	128	3000	3000	1300	1000
SOS FB 10000/8/PTF	2x5500	10000	3000	2x355	3x400/50	2x9,7	128	3000	3000	1300	1000
SOS FB 14000/10	2x7500	14000	3600	2x400	3x400/50	2x12,9	160	3000	3350	1300	1300
SOS FB 14000/10/PTF	2x7500	14000	3600	2x400	3x400/50	2x12,9	160	3000	3350	1300	1300

* It can be modified on demand ** Without noise silencer (height of noise silencer is 800mm)