



- OUK 2000
- OUK 16000

OUK – Oil separator

Maintenance manual

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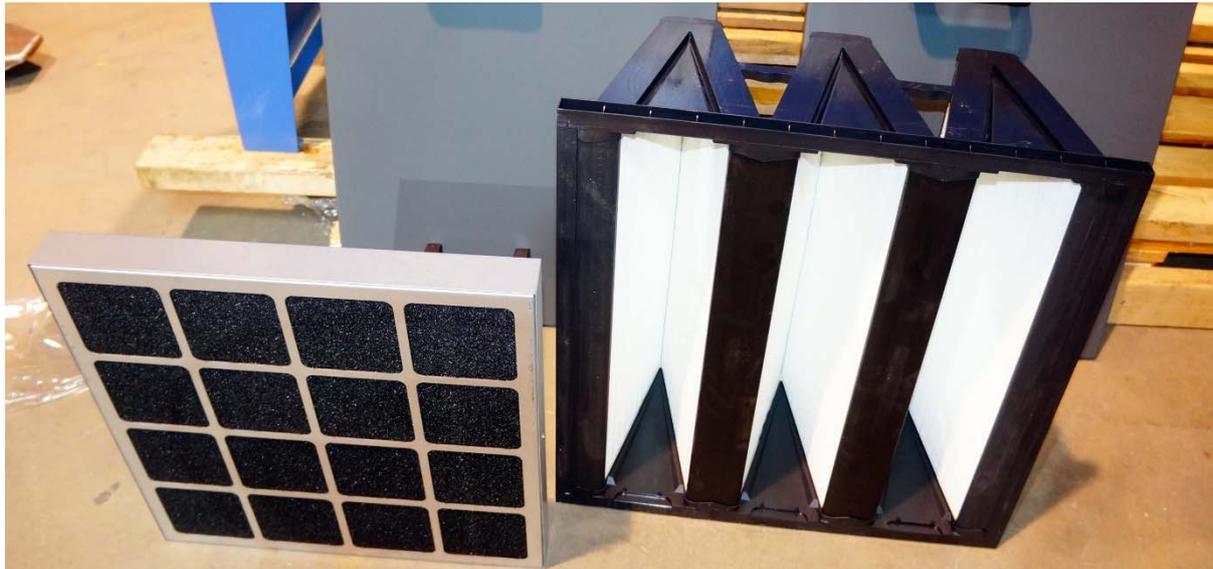
1. Main use

The oil separators type OUK 2000 and type OUK 16000 are used for the separation of air and oil particles used in a production process.

These oil separators are designed for low temperature filtering (i.e. room temperature).

2. Construction:

The OUK oil separators units are delivered with knitted filters and pocket filters.



Knitted filter element

pocket filter element

A drain tap is placed in the center of the bottom of the unit to evacuate the oil.



3. Standard enamelling:

The unit is powder enamelled for indoor mounting!

4. Unit anchoring:

Oil separators can be fastened to the floor using anchoring bolts.

5. Mounting instructions:

The separator unit OUK is connected to the ducting system on inlet and outlet by connection pieces (not supplied unless specified).

6. General information:

The total extraction system must be equipped with a control device to constantly monitor and see whether the extraction is sufficient.

A Gram system guard is recommended.

7. Inlet and outlet pipe:

The OUK oil separator is fitted with connection pieces for ducting system connection.

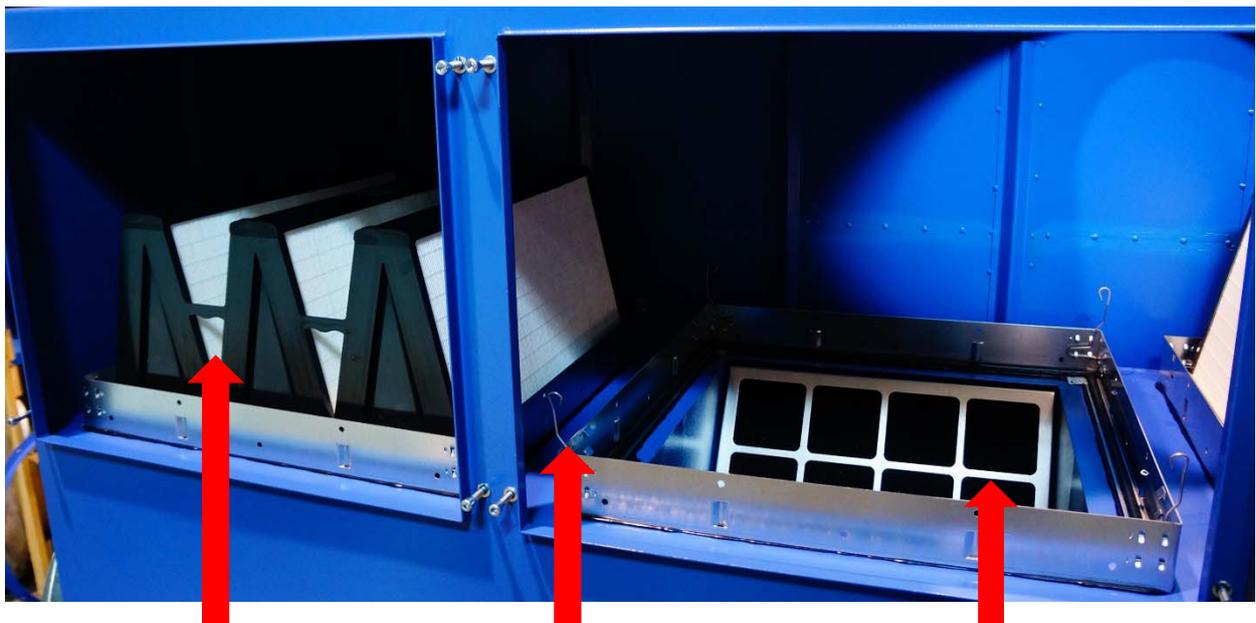
The dimensions and possible directions of these connections need to be agreed upon with the customer beforehand if it deviates from the standard design.

8. Operation instructions:

The pressure drop over the filter elements must be checked regularly so as to replace these in time. The max. differential pressure allowed is 400 Pa.

Remember to regularly check to drain the buildup of oil in the oil reservoir when needed.
WARNING – make sure to close the tap when done.

To exchange the filter elements, the oil is drained off, the filter door is opened and the upper filter element is snapped off, the new filter elements are placed correctly and clipped back into place (4 clips per element). The knitted filter element is possibly washed and can then be remounted and the door can be closed.



pocket filter element

clips for pocket filter element

Knitted filter element

The standard separator unit is not suitable for application with products containing boric acid. If the oil or cooling lubricant contains boric acid, the oil separator must be prepared for it. It means that the unit must be made with an additional part (order no. 04 342 600) that replaces the sealants and filter seals.

9. Safety rules at service:

Before and during service and maintenance following rules must be followed:

1. Stop the filtration system and make sure that the airflow is stopped in the unit.
2. Make sure to wear the necessary personal protection equipment (eye glasses, gloves and/or facial mask) when handling filtering elements containing dangerous/health hazardous dust or fluid when dismounting.
3. Filters are disposed of according to governmental demands.
4. Place the new filter elements in the unit and close the doors and inspection doors.
5. Start up the filtration system once everything has been checked.

10. Dismantling and recycling

When dismantling a unit, be sure to keep in mind the following important information:

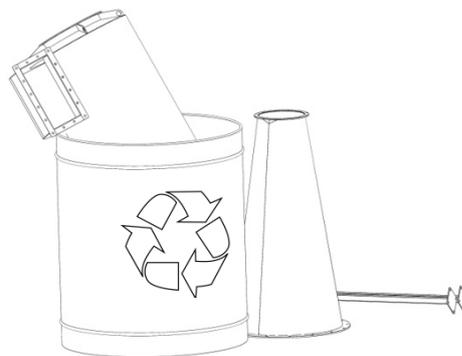
As the unit is dismantled, set aside all still functioning parts in order to re-use them on another unit.

You should always separate the different materials depending on their type : iron, rubber, oils, greases, etc...

Recyclable parts must be disposed of in the appropriate containers or brought to a local recycling company.

The rubbish must be collected in special containers with appropriate labels and disposed of in compliance with the national laws and/or local legislations in force.

CAUTION! It is strictly forbidden to dispose of toxic wastes in municipal sewerage and drain systems. This concerns all oils, greases, and other toxic materials in liquid or solid form.



11. Spare parts

For spare parts please contact Formula Air Group.

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