

ODOUR FREE CLIMATE

BLACKBOX A CARBON FILTER

The BLACKBOX is a carbon filter that removes hydrogen sulphide from the air. With the BLACKBOX carbon filter installed, the odour and damage caused by hydrogen sulphide is reduced by up to 99%.

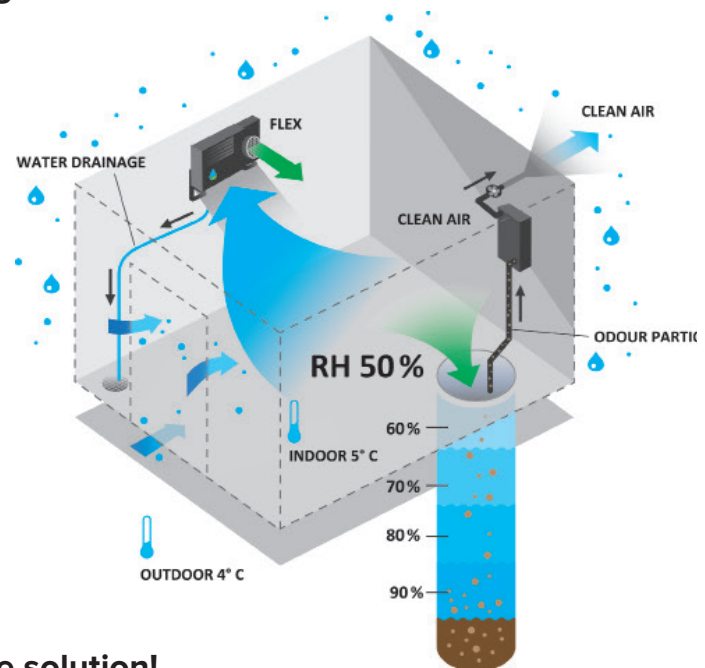
Together with Airwatergreen’s warm condensation dehumidifier, an optimal operating environment is achieved, as the carbon filter only processes dehumidified air, in this way prolonging the life span of the carbon filter. A perfect solution for your pump stations!

For an odour free climate and a healthy working environment!

A challenge for today's pump station is odour from the process in the air, causing inconvenience for the surrounding neighbourhood. It is mainly hydrogen sulphide molecules.

Side effects linked to the gases from the sewage pit may consist of hydrogen sulphide, ammonia, mercaptans, sulfur dioxide and methane. They can cause nausea, dizziness and headaches.

Even very low levels of hydrogen sulphide generates odour, damages the building and services equipment as well as effect of the health of those who work in pump stations.



We will help you produce a complete odour free solution!

SERVICE AGREEMENT - a long-term commitment. By signing a service agreement, we ensure that your solution works optimally for its lifespan.

Our original spare parts are designed for the best performance for the machines.

This provides an extended warranty period of up to 5 years.

We offer both standard agreements and customized solutions!

The standard agreement covers

Services included:

- ✓ Regular review (according to the manual)
- ✓ Troubleshooting

Material included:

- ✓ Granulate
- ✓ Airfilter
- ✓ Spare parts
- ✓ Carbon granulate

Service agreement for 12 months

- ✓ Extends automatically by 1 month termination before the next period

TECHNICAL SPECIFICATION

Dimensions (WxDxH)	500x410x940 mm
Weight (without content)	20 kg
Weight (with content)	70 kg
Connection (in- and output for air)	Ø 125 mm
Flow	Max 150 m ³ /h

Installation is simple and easy!

Air is drawn from the top of the sewage pit through the BLACKBOX where it is filtered, then discharged the in-ne fan out of the building.



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Carbon

Reducing the humidity level in the pump station extends the life cycle of the carbon whilst also prevents corrosion and mould.

Experience from a large number of installations of our solution 'odour free climate' shows the possibility of lowering energy consumption, removing odours, improving the working environment and lowering maintenance costs for your pump station.

Therefore, we always recommend combining our FLEX dehumidifier with installation of our BLACKBOX creating an odour free climate.