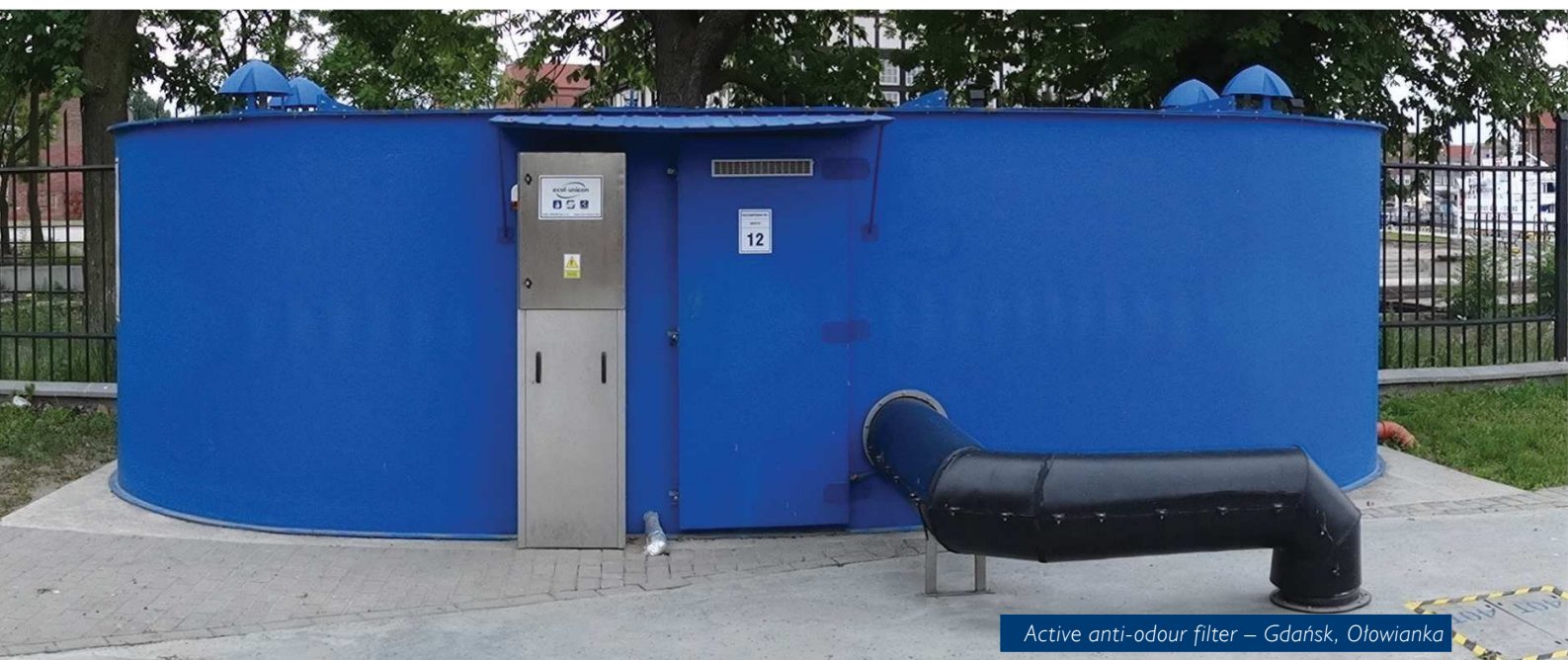




# Anti-odour and decontamination filters

ENA active anti-odour filters

ENP passive anti-odour filter series



Active anti-odour filter – Gdańsk, Ołowianka



Anti-odour and decontamination filters eliminate volatile chemical compounds both organic and inorganic.

## Principle of operation

Odours and toxic substances are removed when contaminated air flows through an individually selected filter usually being activated carbon or biomass. Clean air is directed from the device straight into the atmosphere.

parameters	ENA active anti-odour filters		ENP passive anti-odour filter series	
neutralising agent	biomass	activated carbon	carbon-chemical	activated carbon
neutralisation process	biological	adsorption	adsorption-sublimation*	adsorption
decontamination scope	odorous substances	odours and toxic substances**		
airflow	forced convection system		gravitational	
required utilities	power supply (230V or 400V) and water	power supply (230V or 400V)	n/a	

\* chemical filler enhances decontamination process

\*\* proven by toxicological laboratory tests

## Advantages



high effectiveness



low maintenance costs



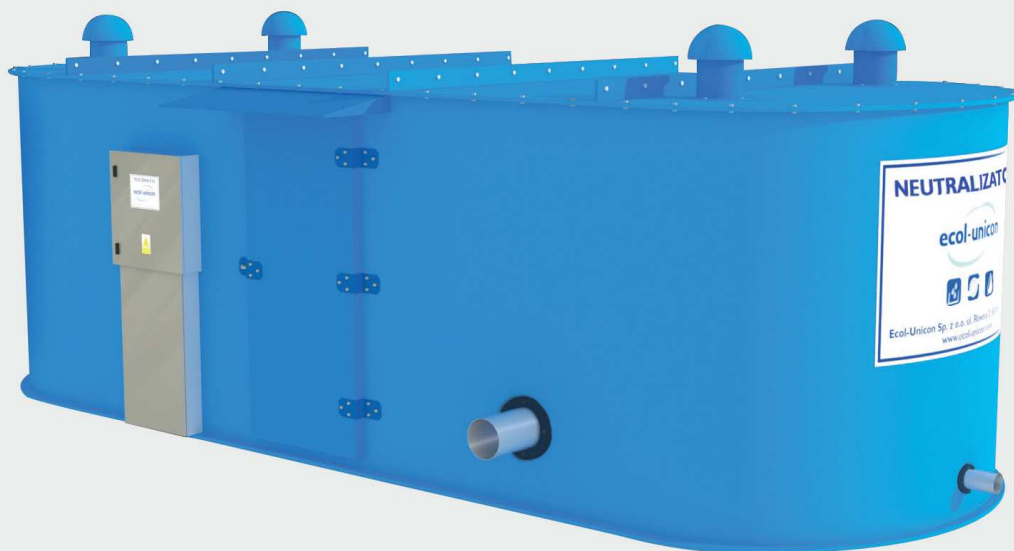
resistant to temperature variations and daily changes in the amount of sewage



long work time of the filter insert, 2-5 years



all elements are resistant to corrosion and chemical compounds activity



ENA active anti-odour filter

## ENA active anti-odour filters

### Construction

The device is composed of a chamber (composite laminate, PE-HD, concrete or steel) with a neutralising filter inside and a forced convection system (a fan). Depending on the technology used for air treatment the device can also be fitted with a conditioning system. Modular system of the device enables its future development.

The device is effective in treating the air coming from individual sources as well as communal, industrial or agricultural facilities.



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*- an intelligent management system. It enables constant monitoring of crucial data as well as effective control and management of the operation of your facilities.*

### Application



wastewater treatment plants



pumping stations and dry well pumping stations



composting plants



waste separation facilities



food processing plants



chicken farms



drainless reservoirs



ENPeco sub-manhole filter



EZK integrated supply-exhaust pipe filter



KF pipe filter



KFW insert for pipe filter

## ENP passive anti-odour filter series

### Construction

The whole construction is made from polyethylene, polypropylene or stainless steel. These materials are resistant to aggressive compounds found in sewage systems even in case of being in contact with them for a long time. The device is filled with neutralising filter insert.

Passive anti-odour filters come in two versions as manhole or chimney filter.



ENPeco sub-manhole anti-odour filter

### Application



pumping stations and dry well pumping stations



drainless reservoirs



domestic wastewater treatment plants



grease separators



manholes

*Easy to assemble  
and use*





## *The Art of Water Treatment*

### | Our company

Ecol-Unicon was founded in 1996. We are the leading producer and distributor of water-protection devices in Poland. We have four production facilities, a professional sales and support network with branches in major Polish cities and also a rapidly developing export department.

### | Our mission

Our products have a real impact on the improvement of natural environment.

### | Our offer

Our offer can be divided into three main groups: rain management products, pumping stations and wastewater treatment plants. We offer cutting-edge solutions for odour elimination as well as BUMERANG, an intelligent monitoring and management system. We also provide services such as construction of engineering projects, maintenance and operation.

