

Scanship Odor Removal System **SE-OR**

The challenge

Bad smell and complaints from passengers is one of the biggest concerns for ship owners.

Either if you are aboard a ship for leisure or work, or reside in the vicinity of a large port, you want to avoid nuisance odors and gases. The odor challenge originates in the fact that a vessel carries various organic decomposing wastes, or carries vaporizing chemicals, fuels and gases.

Bad odor causes general nuisance and directly affects sleep, concentration, mood, nausea and appetite. Odors are an especially unwelcome guest on luxury cruise ships, where the potential for odor formation increases as the vessel size and passenger count increases.

SE-OR makes sure to remove all possible risk for smell from different sources, avoiding complaints from passengers and crew.



Key features:

- Highly effective
- Low maintenance costs
- Low running costs
- Very low energy consumption
- Automatic cleaning
- Reliable design
- Well proven principle



Scanship SE Odor Control

The new SE Odor Control system has repeatedly proven its capability for efficient odor removal on the world's largest passenger lines. Although our air-cleaning technology is founded on advanced chemistry, it is technologically simple and reliable.

The SE Odor Control system treats off-air streams from sludge tanks and gray and black water systems directly in a cost-efficient and compact solution. The solution suits new ships and sailing vessels as retrofit installation.

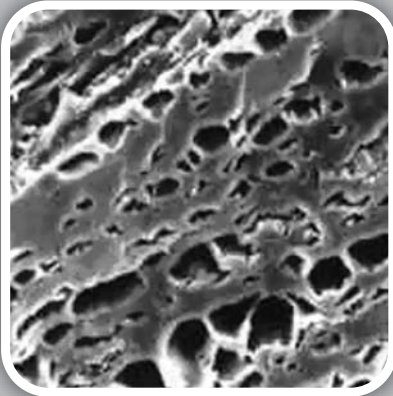
Simple yet sophisticated

The SE Odor Control is a two-step solution based on efficient photochemistry followed by active filter adsorption. Herein the odorous molecules are first decomposed by ozone and free radicals, before a tailor-made filter completes the reaction and adsorbs remaining nuisance compounds. All larger units are self-cleaning.

A full range of products

The SE odor control units are available in several sizes with the SE300, SE500 and SE1000 unit as standard, whereas other capacities can be delivered upon request.

Scanship Odor Removal System (SE-OR)



Carbon filter



UV-lamp

Unit	SE300PHC	SE500PHC	SE1000PHC	SE3000PH	SE5000PH
Airflow, m3/h	300	500	1000	3000	5000
Dimensions L/W/H	550/550/1250	700/700/1250	1000/1000/1250	1300/450/1250	1500/500/1250
Inlet/Outlet Ø	100	100	250	315	400
Water connection				1/2"	1/2"
Weight, kg	200	300	600	300	350
# Lamps	3	5	10	30	50
Lamp classification	1	1	1	3	5
Carbon amount, kg	75	150	300	No	No
Cleaning agent, liters				50	50
Installed power, W	120	200	400	1200	2000
Voltage, V	1* 230V	1* 230V	1* 230V	3*230	3*230
Service area L/D/H	700/1350/1900	800/1500/1900	1000/1800/1900	1300/1500/1900	1500/1500/1900
Installation area	550/600/1500	700/800/1500	1000/1100/1500	1450/500/1500	1650/550/1500
Height incl. Valves	1900	1900	1900		
Amb. Temp °C MAX	45	45	45		

