

microniser

Destruction of odors

Spraying of odor-destroying product in large public or industrial spaces

I. Odor Destruction Solution

The spraying of anti-odor product is particularly fast and effective thanks to the Microniser atomisers which allow the treatment of a large volume of air with a minimum of product and energy.

Microniser atomizes any type of liquid into fine droplets that are effectively carried away by the airflow. It is particularly hygienic and avoids the waste of water and active product. Due to its design and its very low consumption, the Microniser solution is very economical, and limits the impact of the anti-odor treatment on people and the environment.

II. Application areas

Microniser sprayers are intended for large volumes: public places and communities, metros, stations, hotels, paper mills, waste treatment centers, wastewater treatment plants, slaughterhouses, industrial kitchens, food and petrochemical industries, laboratories, cruise ships, etc.



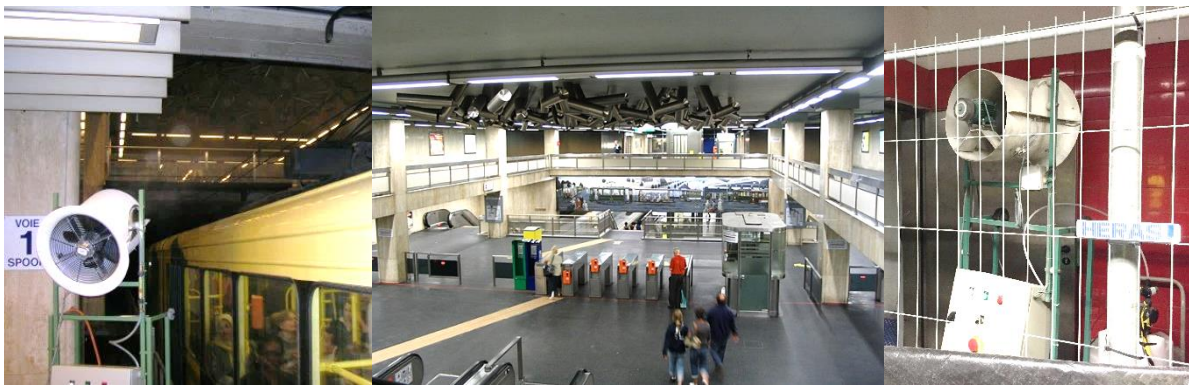
III. Efficiency

The air flow, the sprayed product flow, the product dilution, the size of the micro-droplets generated are all parameters easily adjustable by the operator. The microniser ensures the fineness and homogeneity of the droplets and the distribution of the drops in the air flow for optimal treatment.

Microniser atomizers allow the treatment of large volumes of air with a minimum of product and energy consumption. The sprayed product is a real odour destroyer supplied by our partner *Phodé*:

- No risk to human health and the environment
- Chemical action on pollutants (mineralization), unlike over-odorants and perfumes
- Definitive odor neutralizing reaction

IV. Illustrations



Public transport



Waste treatment plant



Treatment of large interior and exterior volumes

V. Technical characteristics

Odour Control Spray Cart		4000-30	4000-60	9000-30	9000-60	Custom made
Airflow max.	m ³ /h	4000	4000	9000	9000	*
Liquid spray flow max.	L/h	30	60	30	60	*
Electric power	kW	2	3	3	4	*
Dimensions						
Height (extended for spraying)	mm	2080	2080	2580	2580	*
Height (folded for transport)	mm	1320	1320	1580	1580	*
Lenght	mm	900	900	1000	1000	*
Depth	mm	800	800	800	800	*
Weight	kg	69	69	89	89	*
Electrical and hydraulic power						
Single phase voltage	V	230				
General circuit breaker rating	A	16				
possibility of autonomy (on-board product tray)		yes				
Atomiser VG2000 LS						
Design and manufacturing patent		Made in Belgium Microniser® - International patent				
Dimensions of the atomiser (H x L x W)	mm ³	145 mm x 210 mm x 110 mm				
Atomiser power supply by variator		3Φ / 230 V / 1A / 193Hz / 300W / 11800 rpm				
Atomiser Weight	kg	3				
Sound level	dB(A)	<80				
Other characteristics						
Compliance		CE; EN60204-1; EN13849-1; Belgaqua; ISO9001; VCA				
Interface		touch screen + BMS + terminal block				
Permissible ambient temperature	°C	1 - 50				
Average droplet diameter	µm	20 - 30				

