

Mikro 200 incl. aeration unit

KSS micro aerator

Art.-Nr. 952122

Description

Mikro 200 - Micro aerator for aerating your cooling lubricant for containers up to 300 litres. The micro aerator provides you with the highest quality cooling lubricant by introducing atmospheric oxygen. Thanks to its simple installation and operation, the micro can be quickly adjusted to the requirements of your cooling lubricant.

The Mikro can be controlled as required via its timer. With the help of its aeration plates, the finest, defined air bubbles float through the cooling lubricant at a predetermined buoyancy speed. This allows the cooling lubricant to reabsorb the used oxygen, restoring the biobalance. As a result of the floating air bubbles, foreign oils and the smallest suspended particles are carried to the surface. The floating air bubbles create a circulation in the cooling lubricant. The contamination on the surface is moved in one direction.

Advantages

- Reduces operating costs
- Extends the service life of the tool, machine and cooling lubricant
- Improves the production quality
- Increases production speed
- Prevents unpleasant odours
- Clear view into the machine
- Increases hygiene and employee satisfaction

Standard equipment

- Basic appliance with 3 metre connection cable
- Timer switch
- Ventilation unit with one ventilation plate and a 3 metre air duct

Installation

- Always install the appliance in a dry area (wall or system; above the water level).
- Cut the hoses to the required length and connect them to the micro.
- Place the ceramic aeration body in the tank (caution: protect from damage) and secure with a cable tie or wire if necessary.

Operation

- Ceramic aeration bodies must be completely submerged even at the lowest water level and should not dry out after use.
- The appliance should only be operated at intervals using the timer.
e.g.: 1 hour operation; 3 hour break

Cleaning

Wash the ceramic ventilation unit in detergent if it is very dirty.



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Faults / causes

Do not open appliance (loss of warranty)

1. micro does not convey air

- Check timer
- Clean ceramic ventilation body
- Check hoses
- Pump defective

2. oxygen input too low

- Check the position of the ceramic aeration bodies
- Ceramic of the ceramic aeration bodies must point upwards

Technische Daten

Tank size max. (l)	300
Immersion depth max. (mm)	750
Voltage (V/Hz/W)	230/50/5 24 VDC
Max. working temperature (C°)	55
Working range pH value	4-22
Ceramic aeration body	1
Air line to aeration body (m)	3
Distances between aeration bodies (m)	-
Dimensions (LxWxH, mm)	335x83x65
Weight (kg)	2.4

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