Circulation-Drinking-System for cages

Main facts at a glance

For further information: www.lubing.com
Technical modifications reserved.

NEW!

Perfect hygiene for your Drinking-Systems

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Hygiene optimized

Flow rate controller
The flow rate of the pump can be adjusted with the flow rate controller. This adjustment depends on the installed drinking line length and is only made once with the start-up.
Circulation-Drinking-System
for cage rearing, fattening and layers

The LUBING Circulation-Drinking-System consists of the following elements:

1. Water supply
   - Optimum water quality increases the service life of the Drinking-Systems. With integrated doser for the supplement of vitamins or medicines.

2. Circulation unit
   - The circulation unit for recirculation of water in the drinking line. See on the right, “Function”.

3. Drinking lines
   - The drinking line comprises a feed pipe without nipple and the drinking pipe with nipples. They are coupled into double strands of the required length during assembly.

4. Breather
   - At the end of each drinking line, the end piece for circulation is installed. Depending on the cage facility, a breather element or breather tube is attached there. A drain tube can be connected as well, through which the flushing water can run off during flushing, no matter if you are starting flushing manually or with the automatic flushing system.

5. Suspension
   - If a suspension is required (e.g. in rearing cages), the drinking line is connected to the suspension system with stable clips. This permits best flexibility for attachment on site.

Main water supply
The main water supply secures an optimum water quality for a long service life of the nipple drinkers. The water should have the quality of drinking water. At any case the water must be filtered.

Circulation unit
The circulation unit for recirculation of water in the drinking line. See on the right, “Function”.

Drinking lines
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Breather
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Suspension
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Mixer
In the Mixer additives, e.g. vitamins or medicines, are permanently circulated while being added to the drinking water.

Pressure regulator Optima E-Flush
With the Pressure regulator the water column can be adjusted as needed. The optional screw-in actuator allows automatic flushing of the drinker line.

NEW! Front valve
The new front valve facilitates flushing and medication or vaccination processes considerably because the system is no longer controlled at the end of the line but right at the supply.

Drinking nipple
The nipple, which is screwed in directly, can be particularly easily cleaned from the outside. The versions with the Drip cup can be delivered with two-armed cups, but also with a single-armed one.

Function
In the Circulation-Drinking-System, the water is continually circulated in the drinking lines. For this, a pump is installed in the function unit that returns the water at a defined pressure into the feed line without drinking nipple. The water runs to the end of the line and flows back to the pump in the nipple line.

The advantages at a glance:
- No standing water in the drinking line.
- Even water temperature throughout the drinking line.
- Even distribution of vitamins and medication.
- Safe water transport through double pipe cross-section and additional pump.
- Drinking lines up to 120m long, with front or middle feed point.