

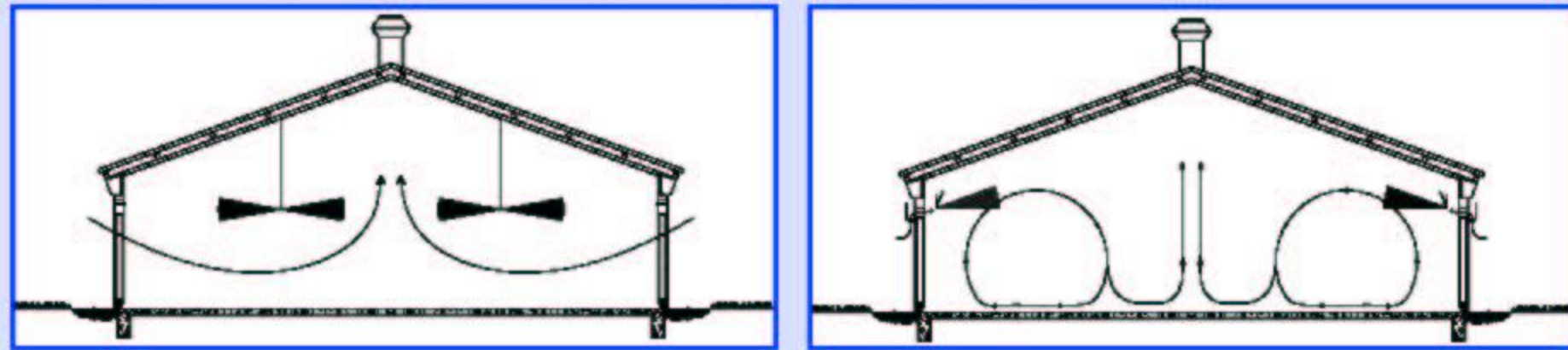
## Main facts at a glance

### Type of pump and Art. No.

Volume	Pump unit for 1 house	Pump unit for 2 houses	Pump unit for multi houses
5 L/min. (60 nozzle)	7601	7621	7651
12 L/min. (140 nozzle)	7602	7622	7652 and 7655 (2 levels)
21 L/min. (250 nozzle)	7603	7623	-
30 L/min. (350 nozzle)	7604	7624	-

We like to issue an individual free quotation for you. Since that lay-out of the Top-Climate-System depends on the house dimensions, the air conditioning system and the animal species, please fill out the Lay out sheet completely and send it back to us.

The delivery program for the Top-Climate-System covers beside the various small articles such as the installation accessories also the switch boxes and control computers.



# Top-Climate-System

Cooling, Humidifying, Dust binding  
with 70 bar water pressure



LAE- Anlagenbau GmbH - Altenwalder Chaussee 94 - 100  
27472 Cuxhaven - Bundesrepublik Deutschland  
Telefon: 0 47 21 - 1 05-0 - Telefax: 0 47 21 - 1 05-210

*Livestock Animal Equipment*



**L A E**  
ANLAGENBAU

# Top-Climate-System for poultry

## Top-Climate-System for poultry



The Top-Climate-System proved itself world-wide in poultry-houses. The system co-operates successfully with any kind of ventilation system. Even in open houses with only low compulsory ventilation, a considerable improvement of the house climate is reached.

The Top-Climate-System contributes substantially to the animal health and animal activity at laying hens and fattening poultry – even at the rearing. So the medicine application is reduced.

### YOUR ADVANTAGES:

- Constant laying results at laying hens also in the summer.
- At fattening poultry acting animals also at highest outside temperatures through the cooling.
- Regular spread of temperature.
- Operation of several houses with a pump unit.
- Fully automatic operation through connection to a LUBING controller possible.

### The principle

The Top-Climate-System was developed for an effective humidifying, cooling and dust binding of the house air. It works according to the principle of the direct evaporative cooling.

### Cooling

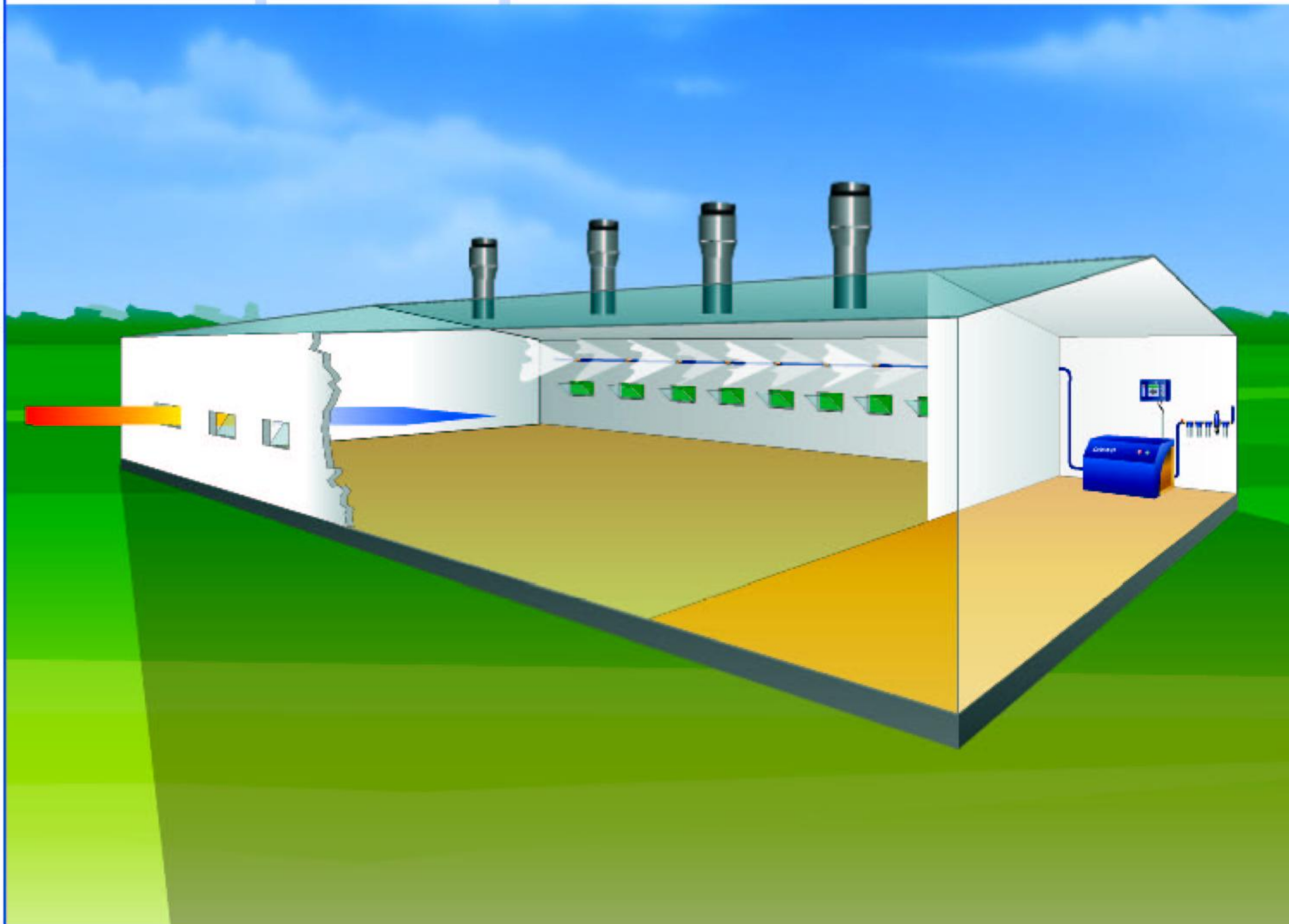
Through high pressure nozzles water is injected into the house air with a pressure of 70 bar as fog. The fog evaporates immediately and thereby it extracts heat energy from air. So it comes to a cooling of the house air. The ventilation rate can be throttled and saved by this cooling effect energy.

### Humidifying

At the heating period and after the arrival of young animals the Top-Climate-System is used for the rise of the humidity to the optimal value.

### Your advantages at a glance:

- A fast cooling in the house without any wetness.
- Increase of the humidity onto every desired value (greatest good health between 60 – 70% relative humidity).
- Positive influence on the breath organs of the animals through the dust binding.
- More active animals through type-just climate.
- Better feeding utilisation.
- Optimal performance.
- Reduction of aggressions, natural animal behaviour.
- Use of the system for soaking and for disinfecting.
- medicator to spray in working-solutions (as a prophylactic / cure of respiratory diseases).
- Connection to controller or other climate computers, thereby a fully automatic operation is possible.
- Operate several houses with one system.



Controller LCS-2



Central filter unit with medicator



Pump unit



Nozzle line with nozzle

