

Main facts at a glance



Type of pump and Art. No.

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

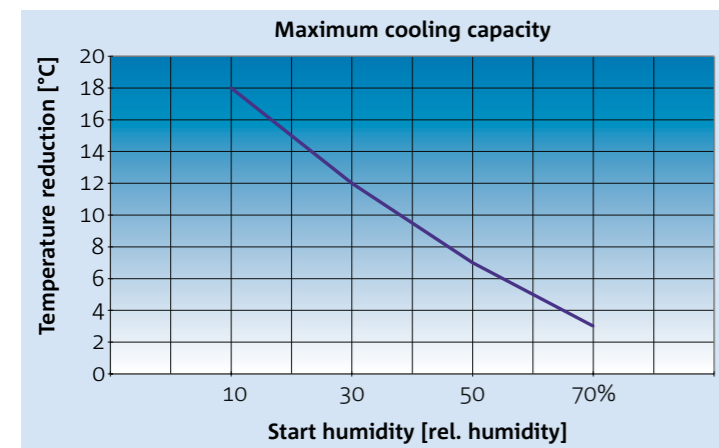
Flow rate per nozzle at 70 bar: 5,3 l/hour

We shall be pleased to work out an offer for your individual needs. Very important: The layout of the LUBING Top-Climate-System depends on the house dimensions, the air condition-

ing system and the animal species. If interested, please fill in the layout sheet (also in the internet: www.lubing.com) completely and send it to us.

The delivery program of the LUBING Top-Climate-System covers, besides the various small articles such as the installation accessories, the switch boxes and control computers.

Top-Climate-System Cooling, Humidifying, Dust binding with 70 bar (1000 psi) water pressure



Maximum Cooling capacity				
Start temperature	36°C	36°C	36°C	36°C
Start humidity	10%	30%	50%	70%
End temperature	18°C	24°C	29°C	33°C
End humidity	85%	85%	85%	85%
Cooling capacity	18°C	12°C	7°C	3°C

For further information: www.lubing.com

Technical modifications reserved.



Drinking-Systems
Conveyor-Systems
Top-Climate-Systems

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with
high pressure nozzle
Art. 7320

LUBING Top-Climate-System for poultry



The Principle

The LUBING Top-Climate-System was developed for 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 causes the cooling of the house air by extracting heat. This cooling effect saves energy because the ventilation rate can be throttled.

Humidifying

During heating periods and after the arrival of young animals the LUBING Top-Climate-System is used for the rise of the humidity to optimum value.

The world-wide approved LUBING Top-Climate-System 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 achieved.

The LUBING Top-Climate-System contributes substantially to the animals' health and activities with laying hens as well as fattening poultry and rearing. So the medicine application may be reduced.

Flex Clamp

Flex Clamp with brass nozzle and tube clip.



Cutting ring coupling

Cutting ring coupling made of stainless steel for secure connection of the nozzle lines.



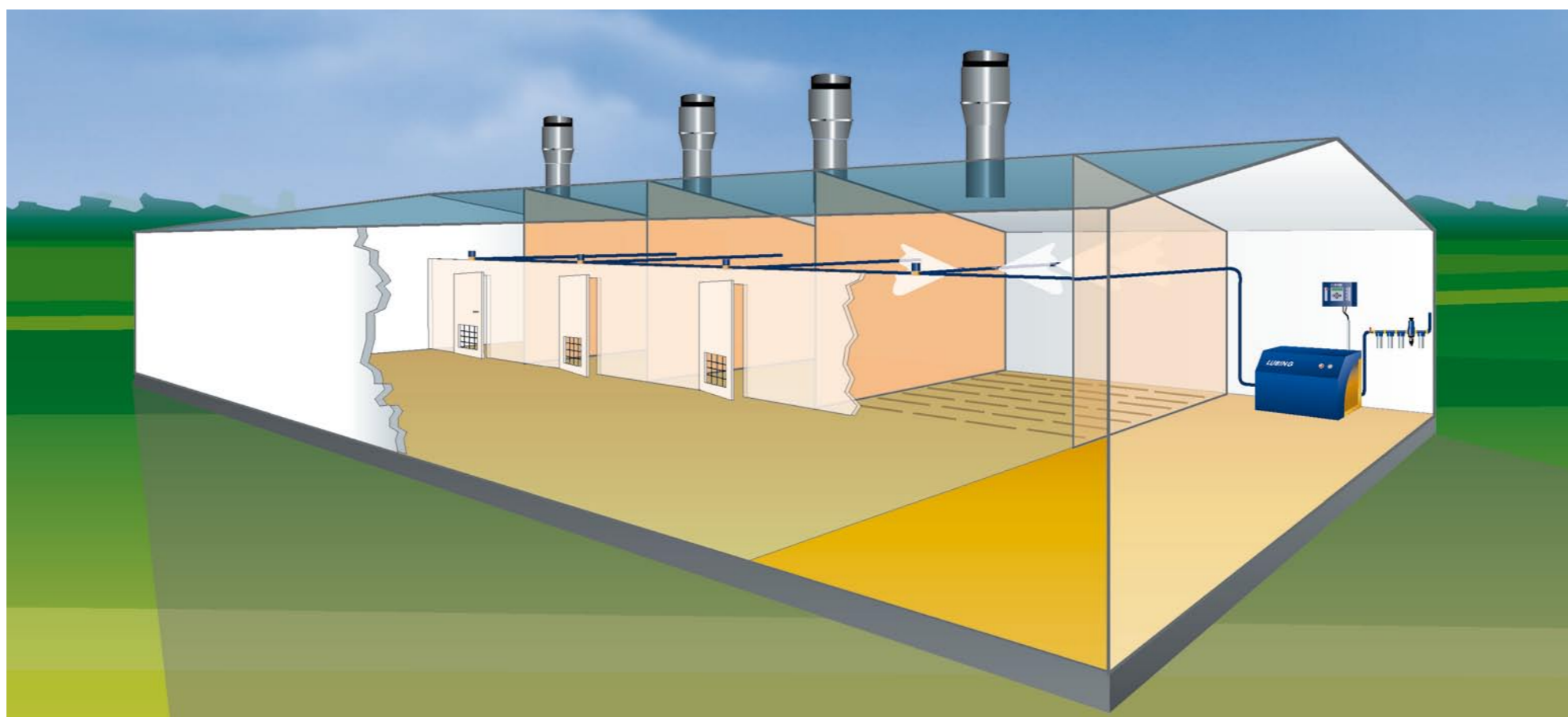
Steel tube

Stainless steel tube with welded adapter, brass nozzle and plastic tube clip.



Nozzle lines

Nozzle line attached to the wall above the air inlets.



Central filter unit

Central filter unit with medicator.



Pump unit



Controller

The Controller for the Pump unit.



Nozzle line detail

Nozzle line with brass nozzle
Art. 7320.

The advantages at a glance:

- Fast cooling in the house without any wetness.
- Increase of the humidity to every value desired (greatest wellbeing between 60 – 70% relative humidity).
- Effective dust binding influences positively the breath organs of the animals.
- More active animals by proper climate.
- Better feed conversion.
- Optimum performance.
- Less aggression, natural animal behaviour.
- Use of the system for soaking and disinfection.
- LUBING medicator to spray in medicated drinking water (for prevention and therapy of respiratory diseases).
- Possibility of automatic operation in different houses by connection to the LUBING controller or other climate computers with one system.

Your advantages:

- Constant laying results also in summer.
- In fattening active animals even at highest outside temperatures.
- Regular spread of temperature.
- Operation of several houses with one pump unit.