

LUBING

FOGGING SYSTEM
FOR POULTRY AND EGG PRODUCTION



RELENTLESS QUALITY. EXCEPTIONAL SERVICE.

OVERVIEW

The LUBING top climate system was developed for effective cooling, humidification and cleaning of the house air and has a direct positive effect on animal welfare. It works according to the principle of direct evaporative cooling. With a uniquely high system pressure of 1015 psi (70 bar) and special high pressure nozzles, the water is discharged as a 5 micron droplet to provide direct evaporative cooling. The immediate evaporation extracts thermal energy from the house air and cools the ambient air and regulates the house climate.

1



Filter Unit

- Central filter unit also with medicine dosing unit
- For spraying of active solutions (prevention/healing of respiratory diseases)

2



Mixing Unit

- Optimal mixing of additives like vitamins or medications
- Permanent circulation for even dosage

3



Pump Unit - D-Line

- Pump unit with direct drive
- Supply of several houses with one pump unit possible

4



Touch Controller

- Interactive controller for control and monitoring of the pump unit
- Easy operation via touch screen

5



Cutting Ring Fitting

- Stainless steel cutting ring coupling for safe connection of the nozzle line

6



Press Fix

- Stainless steel pressfit connection - push on, press, done
- Simple, safe and durable connection

7



FlexClamp-System

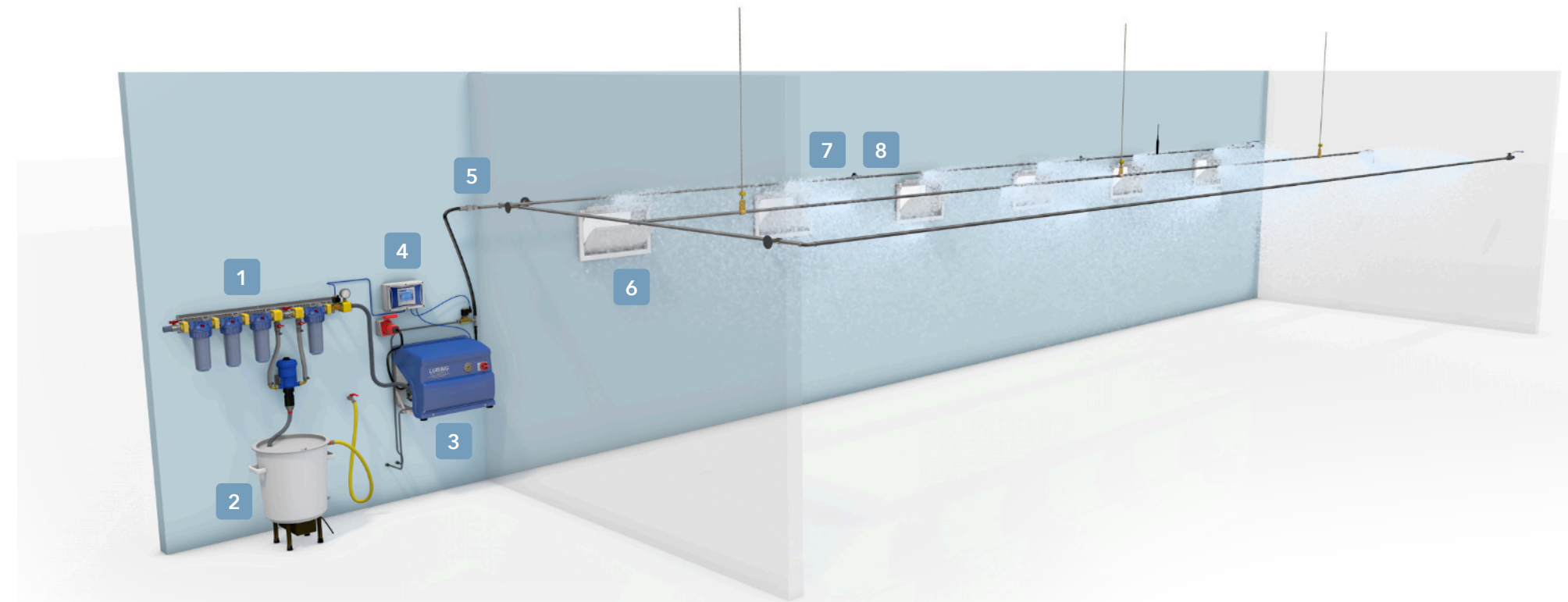
- FlexClamp-System with brass nozzle and pipe clip

8



Nozzle Line with Nozzle

- Nozzle line with brass nozzle part 7340.
- Stainless steel pipe with welded adapter and plastic pipe clips



FEATURES AND BENEFITS

- 1015 psi (70 bar) water pressure: fast, effective cooling in the house without wetness
- Increase of air humidity to any desired value (greatest comfort between 60 and 70% relative humidity)
- Effective dust binding: positive influence on the respiratory organs of the animals
- Less ventilation necessary: energy saving
- Uniform, regulated climate: active, healthy animals, constant laying performance for laying hens even in summer
- Active influence on animal welfare: better feed conversion, reduction of aggression, natural animal behavior, less use of medication
- Additional use of the system for soaking and disinfection
- Possibility of connection to LUBING control systems or other climate computers
- Fully automatic operation also of several houses with only one pump unit possible
- Compatible with all common ventilation systems

MAXIMUM COOLING CAPACITY

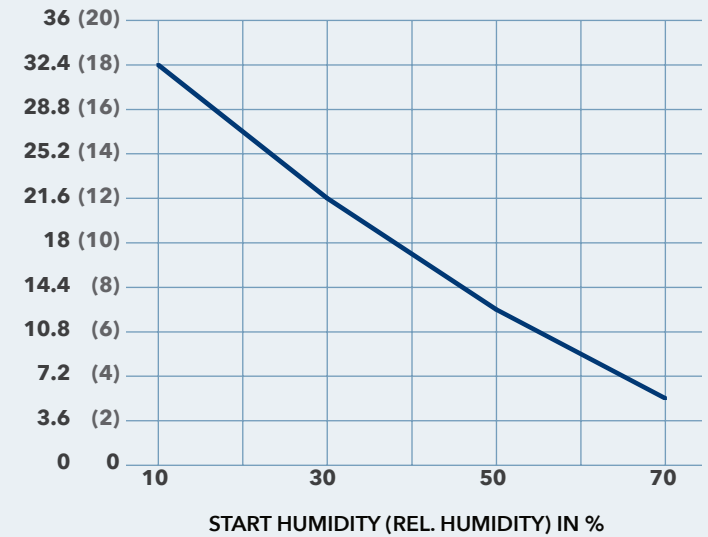
Start temperature	96.8°F (36°C)	96.8°F (36°C)	96.8°F (36°C)	96.8°F (36°C)
Start humidity	10%	30%	50%	70%
End temperature	64.4°F (18°C)	75.2°F (24°C)	84.2°F (29°C)	91.4°F (33°C)
End humidity	85%	85%	85%	85%
Cooling capacity	64.4°F (18°C)	53.6°F (12°C)	44.6°F (7°C)	37.4°F (3°C)

FLOW RATE PUMP TYPES:

- 0.5 gpm (2 l/min) (40 nozzles)
- 1.3 gpm (5 l/min) (60 nozzles)
- 3.2 gpm (12 l/min) (150 nozzles)
- 5.5 gpm (21 l/min) (250 nozzles)
- 7.9 gpm (30 l/min) (350 nozzles)
- 10.0 gpm (38 l/min) (400 nozzles)
- 18.5 gpm (70 l/min) (800 nozzles)

Other pump sizes upon request.

TEMPERATURE REDUCTION °F (°C)



FROM OUR HANDS TO YOUR FARM

LUBING is located in Cleveland, Tennessee, where we personally inspect every product before it arrives at your farm.

We maintain a large inventory to fulfill orders quickly, knowledgeable team members are available to help you determine what you need, and we work with you to ensure that your equipment is working to its full potential.

