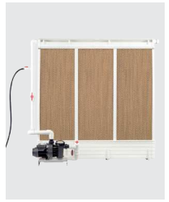
THE PAD-CLIMATE-SYSTEM IS AVAILABLE IN THE FOLLOWING BASE KITS [1]:



For paper-pads and LUBING plastic-pads

Pad-thickness	3 m	6 m	12 m	18 m	24 m	30 m	36 m	42 m
4“	7959	7960	7962	7964	7966	7970	7972	7974
6“	7949	7950	7952	7954	7956	7980	7982	7984
Pump type	4	4	11	11	11	25	25	25

For other plastic-pads

Pad-thickness	3 m	6 m	12 m	18 m	24 m
6“	7989	7990	7992	7994	7996
Pump type	4	4	11	11	25

Connection set [2]

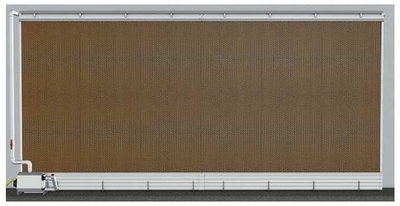
Pad-thickness	5 m
4“	7938
6“	7939

[1] The basic sets include all necessary components: the water gutter system, the water distribution system and the supply unit.

RECOMMENDED INSTALLATION

Middle connection: max. 42 m

Side connection: max. 12 m



PUMPS

Type 4

Type 11

Type 25

The standard voltage for all pumps is 230 V / 50 Hz. Special voltages on request.

Connection set

[2] Connection kits include Ø2“ pipes (4 x 2.5 m), brackets, straight connectors and 2 x 90° elbows and connection accessories.

Max. Pad length after connection set: 4.5 m for paper-pads, 3.0 m for plastic-pads.

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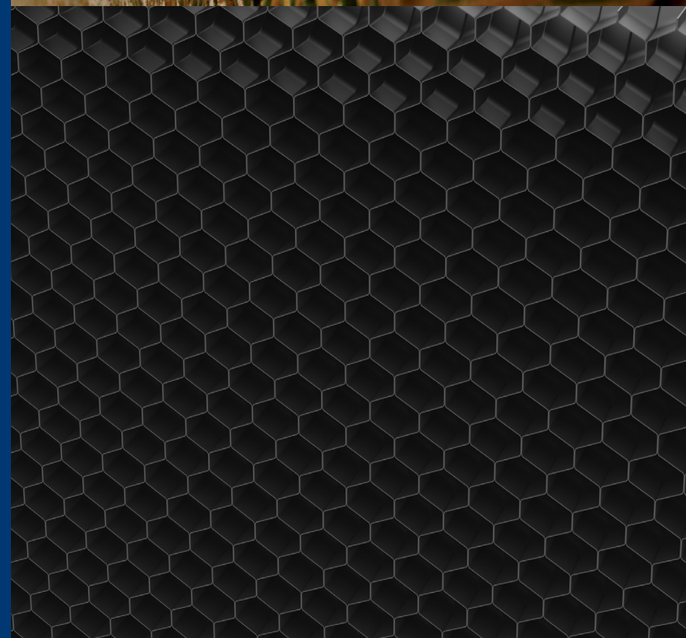
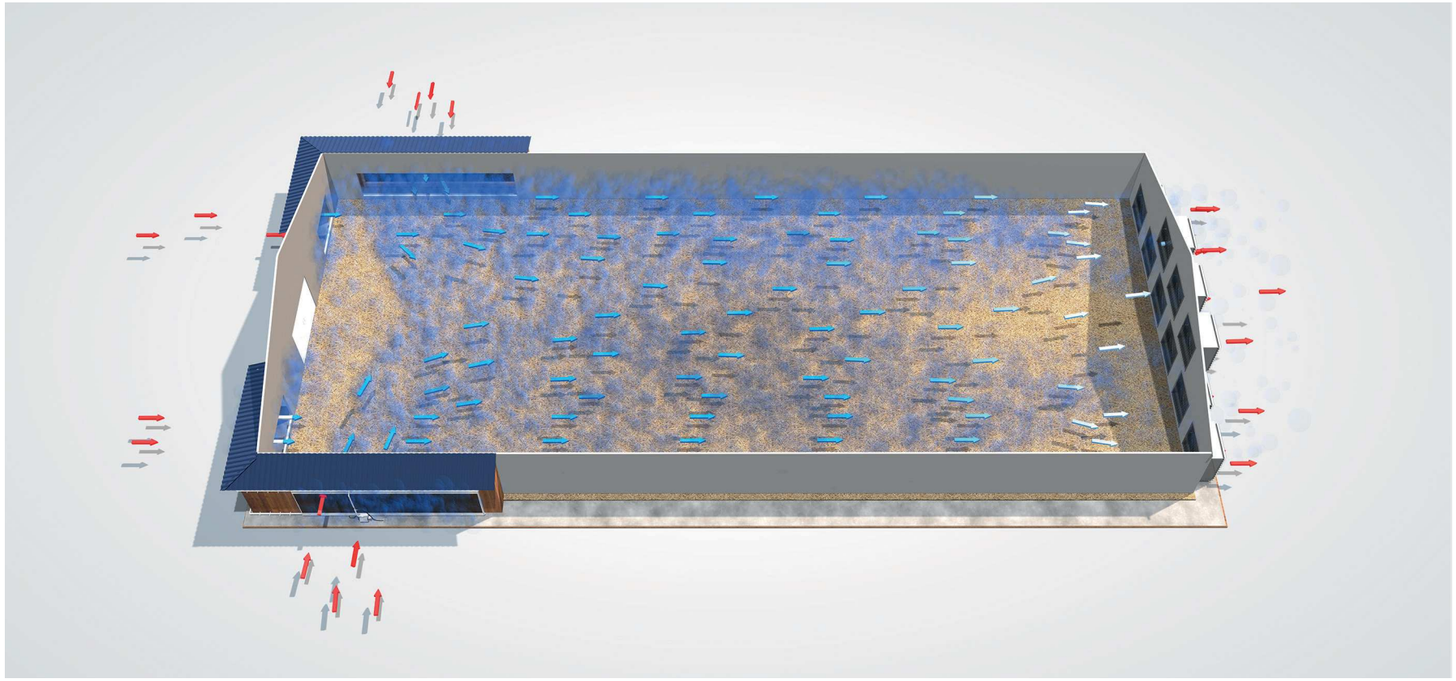
As of: Sept. 2026 | We reserve the right to make technical changes, further developments and improvements.
No. 0842-1

PAD-CLIMATE-SYSTEM
FOR EVAPORATIVE COOLING



PAD-CLIMATE-SYSTEM

The LUBING Pad-Climate-System provides efficient evaporative cooling in poultry and pig houses. Water is distributed evenly over the pads, removing heat from the air flowing through them. The system is available for paper- and plastic-pads in various sizes and performance levels.



HOW EVAPORATIVE COOLING WORKS

A pump station conveys the water through a riser pipe and the deflector onto the pads from above. The water is distributed evenly across the pad surface. Some of the water evaporates as warm, dry air flows through the pads, removing heat from the air.

The remaining water is collected and returned to the supply unit via the water gutter. This cools and humidifies the air without requiring additional energy for the evaporation process. The Pad-Climate-System is available for paper and plastic pads in various sizes and performance levels.

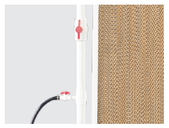
ADVANTAGES

- Easy installation thanks to newly designed clip profiles.
- Corrosion-resistant construction made of PVC and stainless steel.
- Even water distribution over the entire pad-length.
- Integrated water trough – no external water gutter required.
- Flexible system configuration with robust centrifugal pumps in various sizes and voltage options.

WATER DISTRIBUTION
- special distribution pipes for paper- and plastic-pads
- newly developed deflector
- even water distribution over the whole pad-length

CLIP FUNCTION
- all profiles with clip function for easy attachment to the pipe holder
- high stability due to pad guides
- easy exchange of pads

WATER PUMPS
- centrifugal pumps with integrated filter and 2“ pipes
- Pumps available in three different sizes and with different voltages for different system lengths (see back side)



BALL VALVES
- 2“ ball valve in line for fine adjustment of water quantity
- 1“ ball valve (T-piece) for adjustment of permanent water drain (bleed-off)

WATER GUTTER
- water gutter for complete water demand of the system – no external water tank necessary
- holder for fixing the water gutter to the wall or floor

WATER GUTTER COVER
- perfect water recirculation thanks to newly designed pad supports
- rodent proof
- optional splash protection profile available for plugging on

DEFLECTOR
- newly developed deflector profile with integrated hinge system
- easy access, quick inspection and easier cleaning possibility

SUPPLY UNIT
- including integrated flushing adapter for thorough flushing of the system
- float valve for constant water level in the system