The Pad-Climate-System is available in following Basic-Sets:

**For paper pads**

<table>
<thead>
<tr>
<th>Thickness pad</th>
<th>3 m</th>
<th>6 m</th>
<th>12 m</th>
<th>18 m</th>
<th>24 m</th>
<th>30 m</th>
<th>36 m</th>
<th>42 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>7959</td>
<td>7960</td>
<td>7962</td>
<td>7964</td>
<td>7966</td>
<td>7970</td>
<td>7972</td>
<td>7974</td>
</tr>
<tr>
<td>6&quot;</td>
<td>7949</td>
<td>7950</td>
<td>7952</td>
<td>7954</td>
<td>7956</td>
<td>7980</td>
<td>7982</td>
<td>7984</td>
</tr>
<tr>
<td>Pump</td>
<td>48 03 011</td>
<td>48 03 011</td>
<td>48 03 011</td>
<td>48 03 011</td>
<td>48 03 011</td>
<td>48 03 011</td>
<td>48 03 011</td>
<td>48 03 011</td>
</tr>
</tbody>
</table>

**For plastic pads**

<table>
<thead>
<tr>
<th>Thickness pad</th>
<th>3 m</th>
<th>6 m</th>
<th>12 m</th>
<th>18 m</th>
<th>24 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>7989</td>
<td>7990</td>
<td>7992</td>
<td>7994</td>
<td>7996</td>
</tr>
<tr>
<td>6&quot;</td>
<td>7989</td>
<td>7990</td>
<td>7992</td>
<td>7994</td>
<td>7996</td>
</tr>
<tr>
<td>Pump</td>
<td>48 03 021</td>
<td>48 03 011</td>
<td>48 03 031</td>
<td>48 03 031</td>
<td>48 03 031</td>
</tr>
</tbody>
</table>

**Connection kit**

<table>
<thead>
<tr>
<th>Thickness pad</th>
<th>5 m</th>
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</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>7938</td>
</tr>
<tr>
<td>6&quot;</td>
<td>7939</td>
</tr>
</tbody>
</table>

*The Basic-Sets include all necessary components: the water gutter system, the water distribution system and the supply unit, complete assembled.

**Recommended installation:**

- Middle connection: max. 42 m
- Front connection: max. 12 m

**Recommended installation:**

- Middle connection: max. 42 m
- Front connection: max. 12 m

**Types of pumps**

- Type 4: 48 03 021
- Type 11: 48 03 011
- Type 25: 48 03 031

**Connection kit**

- The connection kit includes Ø2" pipes (4 x 2.5 m), holder, standard and 2 x 90° angle connectors and connection accessories. Maximum pad length behind connecting kit: 4.5 m for paper pads, 3.0 m for plastic pads.

For further information: www.lubing.com

Technical modifications reserved.

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LUBING
Drinking-Systems
Conveyor-Systems
Climate-Systems

Pad-Climate-Systems
for evaporative cooling
The LUBING Pad-Climate-Systems is made entirely of plastic.

The LUBING evaporative cooling pad system is used in systems where highly efficient cooling is required. It can be used for many different cooling purposes but is particularly suitable for evaporative cooling in poultry houses.

The evaporative cooling technology

Water is circulated through the system by a pump station and supplied to the top of the cooling pad via a water distribution pipe and the deflector.

The water flows down the corrugated surface of the evaporative cooling pad. Part of the water is evaporated by the warm and dry air that passes through the pad.

The rest of the water assists in washing the pad, and is drained back to the pump station through a watergutter system.

The heat that is needed for the evaporation is taken from the air itself. The air that leaves the pad is therefore cooled and humidified simultaneously without any external energy supply for the evaporation process. An entirely natural cooling process is nature’s own cooling process.

Water gutter
The water gutter contains the entire water requirement of the system. No external water tank is needed. With the brackets, the water gutter is mounted to the wall or the floor.

Supply unit
The supply unit is delivered completely assembled - including integrated flushing adapter for the thorough flushing of the system. The float valve ensures the supply of fresh water for a constant water level in the system.

Water-pump
Centrifugal pumps with integrated filter and 2” pipes for optimal water circulation. The pumps are available in three sizes for different system lengths and with different voltages (see reverse).

Pad support for water gutter
Perfect water-recirculation by the newly designed pad-support. These are designed that rodents could not get into the water gutter.

Advantages:

• Easy Assembly due to newly designed Clip-profiles.
• No Corrosion - all parts made from PVC or Stainless steel.
• The water gutter contains the entire water requirement of the system. No external water tank is needed.
• Perfect water distribution along the top edge of the cooling pads due to a newly developed water-deflector with integrated water-tank in the bottom gutter.

Optimum water distribution throughout the pads
System with paper pads
System with plastic pads