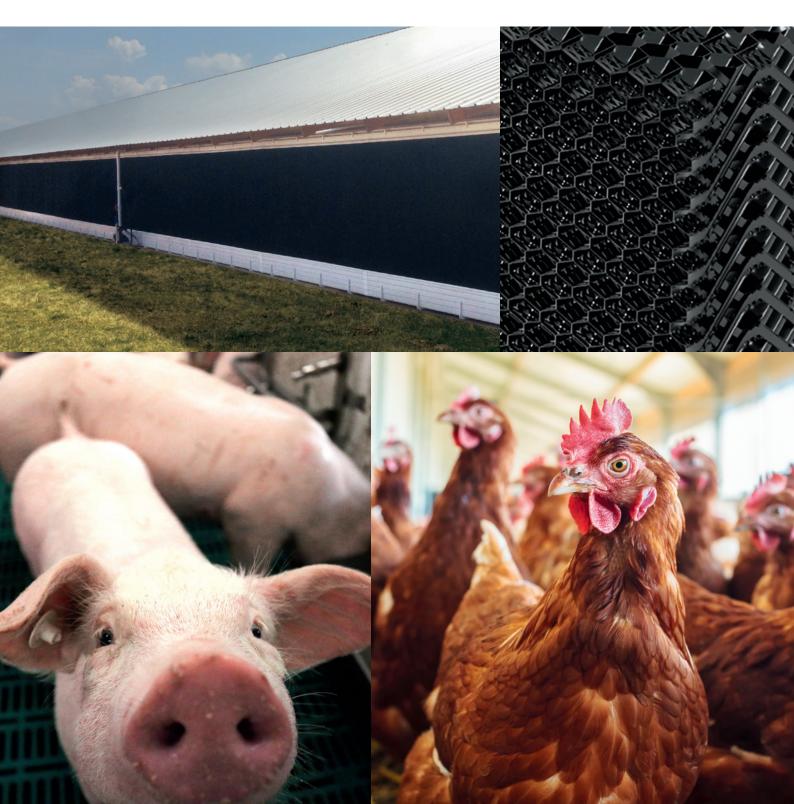


# PLASTIC-PADS

FOR THE PAD-CLIMATE-SYSTEM



#### ADVANTAGES OF THE PLASTIC-PADS

- · For evaporative cooling of poultry and pig houses.
- Excellent cooling capacity patented design: The special layout of solid surfaces and mesh structures ensures perfect water distribution all through the Pad. This allows perfect wetting, less splashing water, and therefore excellent cooling capacity.
- Easy to clean: The use of welded, highly resistant polymer sheets allows the Plastic-Pad to be cleaned without difficulty and without damaging the Pads.
- Long service life: The use of polymer sheets in combination with thermal welding guarantees best stability and a long service life.
- Lowest pressure loss: The Plastic-Pad is characterized by low pressure loss. At an air velocity of 1,5 m/s the Plastic-Pad's pressure drop is only at 10 Pa. Because of the low pressure drop the Plastic-Pad minimizes the energy consumption substantially.
- **High UV resistance:** The use of UV-stabilizing additives ensures outstanding resistance to UV light for years.
- Impermeable to light: The Plastic-Pad's geometry blocks out light.
- Chemical resistance: The Plastic-Pad is made of Polypropylene. This material is highly resistant to most of all chemicals.

#### **VERSIONS**

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Dimensions	Art. No.
500 x 600 x 150 mm	7988-0500
1000 x 600 x 150 mm	7988-1000
1500 x 600 x 150 mm	7988-1500
1800 x 600 x 150 mm	7988-1800
2000 x 600 x 150 mm	7988-2000
2200 x 600 x 150 mm	7988-2200
2400 x 600 x 150 mm	7988-2400
Other dimensions on request	· 

## **TECHNICAL DATA**



#### Efficency and pressure drop Outside conditions: 32,4°C at 36,7 % RH Inside conditions: 24,5°C at 73,0 % RH 100 100 90 90 80 RΠ 70 70 2 60 60 50 50 40 40 30 30 20 20 10 10 0 0,5 1,0 2,5 3,0 air velocity [m/s]



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