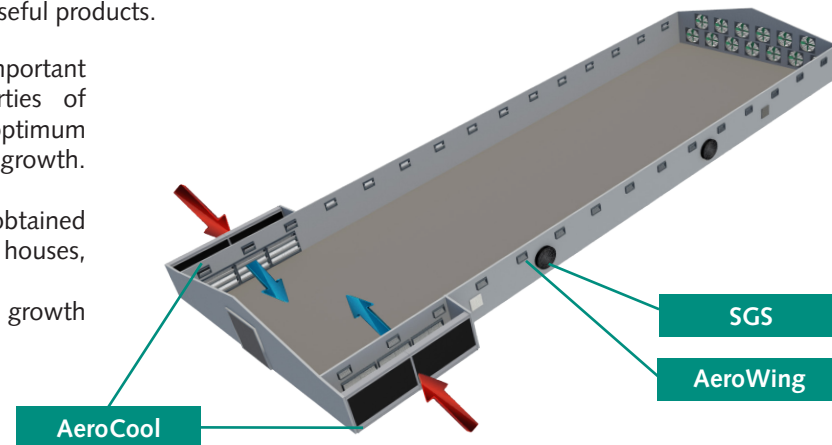


APPLICATION

High temperatures can have a direct negative impact on animal performance in terms of growth, production and metabolism, in addition to the animals ability to convert feed to useful products.

Our cooling pad system is considered a very important ingredient in ensuring the ventilation properties of animal houses in order to provide animals with the optimum environmental conditions required for their healthy growth.

The highest levels of performance can be obtained in still air temperatures below 26 °C. In most houses, the still air temperatures can range from 19-26 °C. Temperature outside this range, can distort the growth potential.



AEROCOOL

PAD COOLING



Guaranteed optimal climate

- Easy installation
- Modular structure
- Special lock system
- PVC raw material is anti-UV treated
- Much longer lifetime compared to paper pads
- Easy to clean with high pressure, not vulnerable to harsh chemicals
- Larger holes reduce mineral build-up

STIENEN AGRI AUTOMATION

Stienen is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

Stienen
Mangaanstraat 9 - 6031 RT Nederweert
T +31 (0)495 - 63 29 26
E sales@stienen.com
www.stienen.com

STIENEN 



Pad-Cooling-L-EN25010

STIENEN 



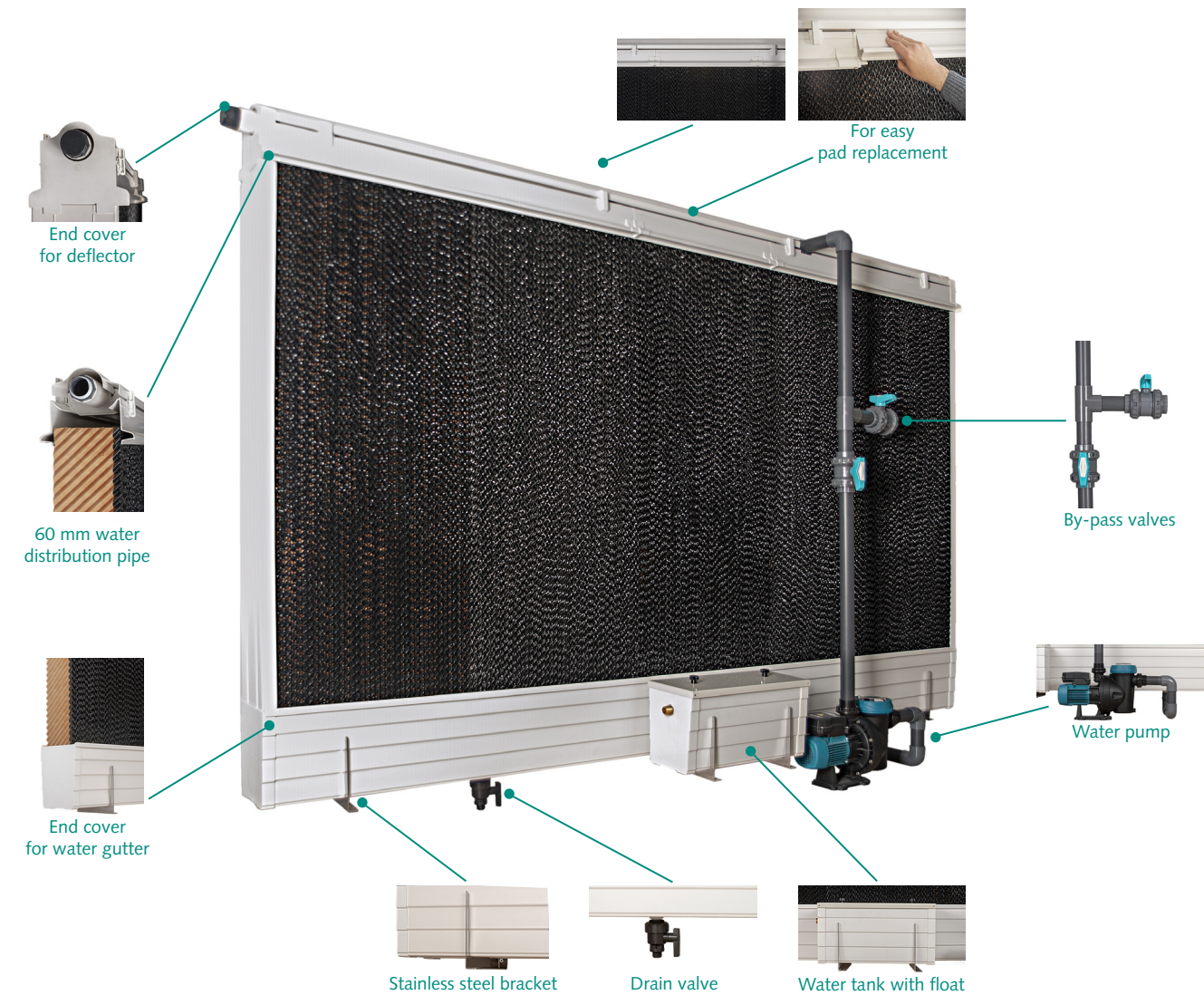
Reliable cooling

Our cooling pad system provides a reliable, maximum climate. The product is specially designed and treated to prevent damage and contamination.

This is guaranteed to improve air quality in the house.

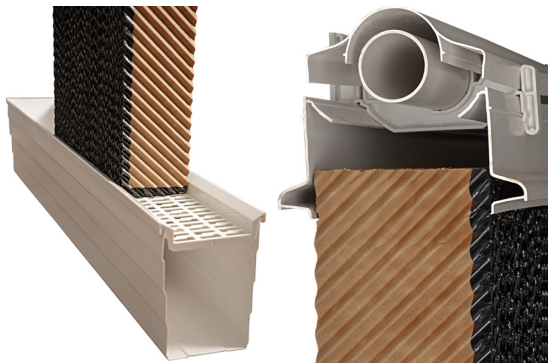
COMPONENTS PAD-COOLING

We have the expertise to advise you on cooling solution requirements. Our solution consist of several components.



- Easy installation.
- The lower gutter works as a water reservoir. No need of an underground water tank.
- The float system allows automatic refilling when the water level falls.
- Adjustable length and height due to its modular structure.
- Special lock system for easy installation and removal.
- Drain valve for water gutters cleaning.
- PVC raw material is anti-UV treated.
- More durable than alternative metal frame cooling systems.

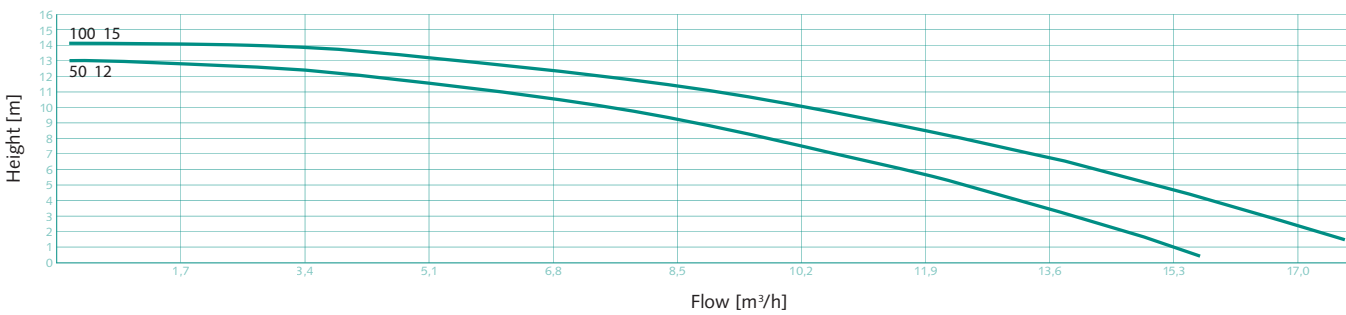
SPECIFICATIONS PAD-COOLING



Pad heights	100 - 150 - 180 - 200 cm
Pad thickness	15 cm
Internal water capacity	30 lt / meter
Water circulation pipe size	ø 60 mm
Maximum system length whith pump on the side	12 meter
Maximum system length whith pump in the middle	21 meter

HYDRAULIC PERFORMANCES PAD-COOLING

Model 230V 50 Hz	Required flow rate (m³/h/linea metre of gutter)	System length	I (A)	Input power P1 (kW)	Motor power P2 (kW)	P2 (HP)
Silen I 50 12	0.9	up to 15 meter	2.8	0.75	0.37	0.5
Silen I 100 15	0.9	15 - 21 meter	3.8	0.75	0.75	1



* Order an additional full element box with every system in order to install trash pipes at both ends

Unique Design

The pad cooling design ensures proper mixing of air and water for optimal cooling. Because of this unique design, more water flows to the air inlet of the pad, to where the air is hottest, driest and dirtiest.

