

Product information



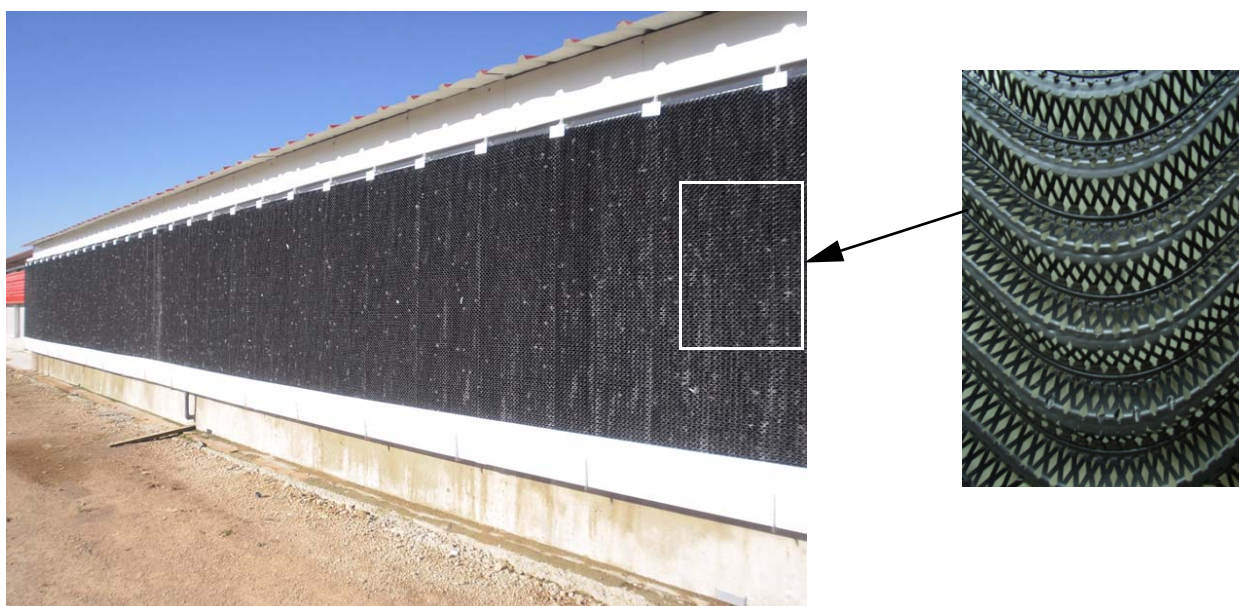
Big Dutchman

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New PP 150-3 cooling pad

Big Dutchman's product range now includes a new pad for the cooling of house air: PP 150-3. The essential difference compared to conventional cellulose pads is that this new pad consists of UV-resistant polypropylene (plastic).



The application of the new pad is similar to that of conventional cellulose pads: not only the same frame system (Rainmaker) is used but also the dimensions correspond to that of usual cellulose pads.

Standard dimensions:

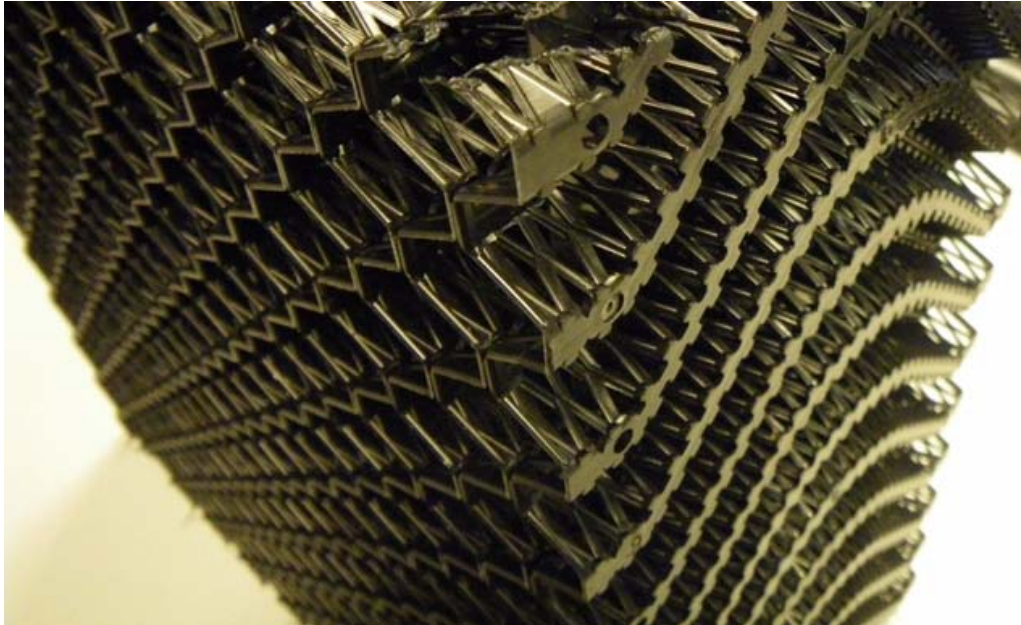
Code no.	Description	Width	Depth	Height
60-50-0090	Pad PP150-3 600x1500mm	0.6 m	0.15 m	1.5 m
60-50-0091	Pad PP150-3 600x1800mm	0.6 m	0.15 m	1.8 m
60-50-0092	Pad PP150-3 600x2000mm	0.6 m	0.15 m	2.0 m

In-between sizes on request.

A plastic pad with the depth of 0.10m is not available!

PP 150-3 is calculated with air speeds between 1.5 m/s and 1.8 m/s. According to measurements of the university of applied sciences in Steinfurt carried out at different air speeds, the pressure loss of the cellulose pads is approx. 25-30% higher compared to that of the plastic pad.

As different tests have shown, the efficiency is approx. 6-8 % below that of the cellulose pad 7060. For example, if we assume an outside temperature of 30°C and air humidity of 35 %, the cooling effect is approx. 1.5° K lower compared to a cellulose pad.



The most important advantage of PP150-3 is its robustness and thus the long durability compared to the conventional but quite susceptible cellulose pads.

The use of a high-pressure cleaner is possible in order to wash off dirt or deposits such as lime. This is a great advantage especially if a poor water quality is given.

The black color of the PP150-3 plastic pad has no effect on the light incidence in comparison with cellulose pads.

The weight of this pad is 11 kg/m². For this reason an additional bracket for the drip-trough is included.

The operating range of the pad is between -20°C and + 80°C.

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