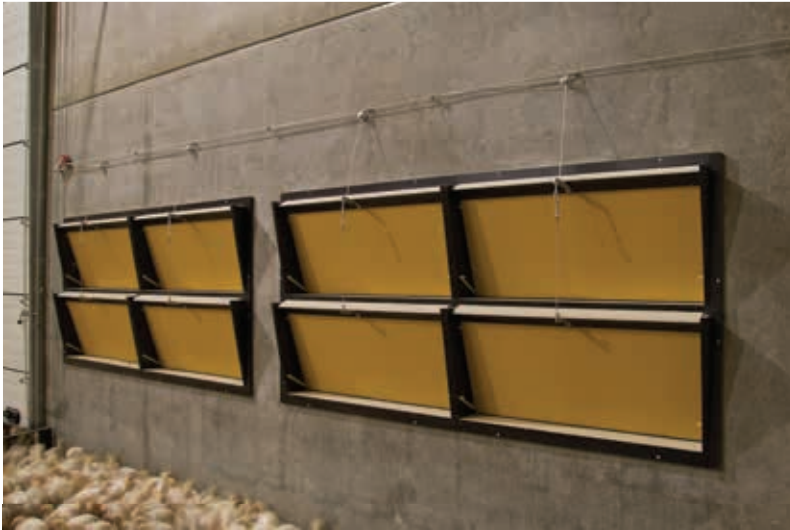




TULDERHOF

ventilation

Tunnel Twin air inlet



Wind chilling effect

Well steered air

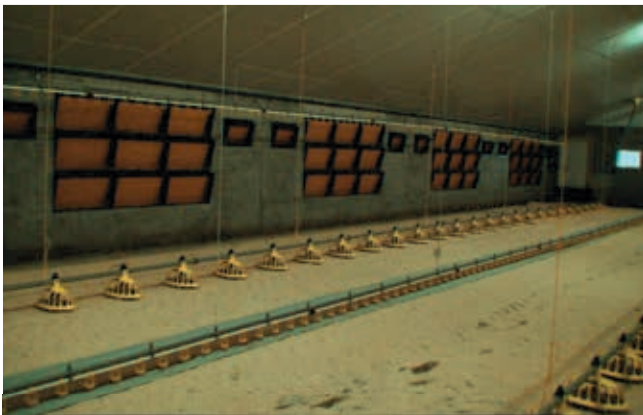
Tailor made

Easy & low cost

Tunnel Twin:

In summertime it can be hard to maintain the room temperature in poultry houses. During these hot days cooling will be necessary especially in broiler houses at the end of a round when the birds are heavy. Creating a wind chilling effect with extra inlet from the front of the house is an easy and cheap solution. The chilling effect

depends on the air speed and the humidity in the poultry house (see the graph further on in this brochure). To create a wind chilling effect Tulderhof has designed the Tunnel Twin air inlet. These air inlets are placed in groups of 2, 4, 6 or 9 inlets. This way, big openings are created which make sure there will be a good wind chilling effect during maximum ventilation.



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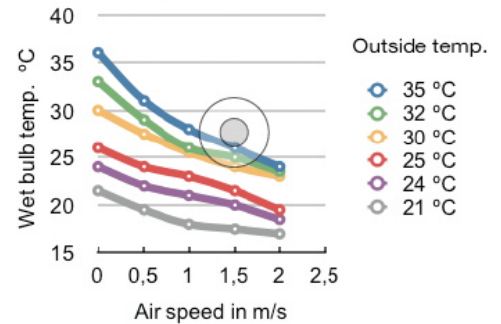


Technical information

Tunnel Twin air inlet information			
Type	TT-18 000	TT-36 000	TT-54 000
10 Pa - m ³ /h	12,500	25,000	37,500
20 Pa - m ³ /h	18,000	36,000	54,000
30 Pa - m ³ /h	22,000	44,000	66,000
Surface - cm ²	8 400	16 800	25 200
Width - mm (X)	1,000	2,000	3,000
Height - mm (Y)	1,000	1,000	1,000
Depth - mm (Z)	220	220	220

* Other sizes are available upon request.

Wet bulb temperature at 70% RV



Winter doors

A group of Tunnel Twins can have a cold bridge in wintertime. And because in wintertime Tunnel Twins are not used, we have developed an insulated winter door. This winter door is made of 40 mm sandwich panel.



Advantages

- > no draught
- > 40 mm sandwich insulation
- > no direct sunlight
- > adjustable by 1 person



Pad-cooling with Tunnel Twin

You can combine Tunnel Twin with pad cooling. Pads lower the temperature with 6-8 degrees.

It is important to steer the cold air with this combination.

