

Flash 3300 Side Air Inlet



Low transport costs

Simple mounting

Flexible air flow

Insulated

Daylight version

Overcomes ventilation obstacles

Advantages and Features

The innovative design of the Flash 3300 side air inlet represents a step forward in air control technology. The direction of the air, or *throw*, is not affected by the amount of air passing through. Such design, now well-spread in multiple countries, was originally invented by Tulderhof.

The Flash 3300 steers and directs the incoming fresh air before it enters the building thanks to the use of adjustable spoilers. While a well-insulated vertical slide is used to regulate the volume of air input.

The side air inlet is suitable for every poultry, pig and calves house and it is also available in *daylight* version.

The Flash 3300 is particularly suitable for situations with high demands for air steering, such as:

- > Very wide houses, where the Flash 3300 allows for the air to be pushed throughly ventilating the whole environment;
- > Houses with inner obstacles, like cages, construction beams or lying nests, where the Flash 3300 allows the airflow to be directed efficiently around such obstacles;
- > Nests with no airflow, where the Flash 3300 provides an effective ventilation solutions based on your needs.

The **Flash 3300** is also available in a daylight version.



Technical Information

Flash 3300 - Air inlet information

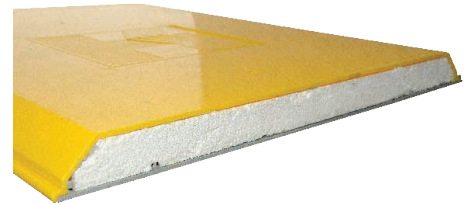
Type	F-3300
10 Pa - m ³ /h	2,400
20 Pa - m ³ /h	3,300
30 Pa - m ³ /h	4,100
Surface - cm ²	1,570
Width - mm (X)	580
Height - mm (Y)	390
Depth - mm (Z)	60

Insulation Flash slide

The Flash 3300 slide consists of a 25 mm EPS insulation panel, covered by a 3 mm HIPS (High Impact Polystyrene Plastic) outside layer. This material provides a very smooth surface, sturdy and easy to clean.

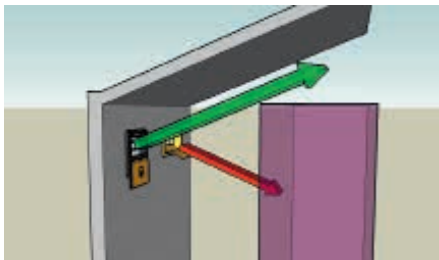
R-value = 0.93 W/(m².K)

U-value = 1.08 W/(m².K)

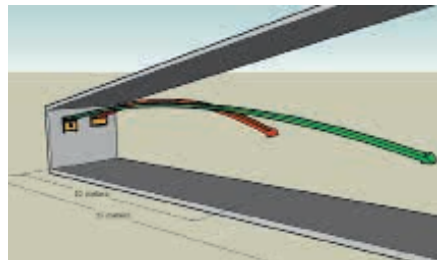


Note:

The position of the spoilers is critical to achieve ideal air input capacity. Tulderhof recommends a reference value of 10 Pa.



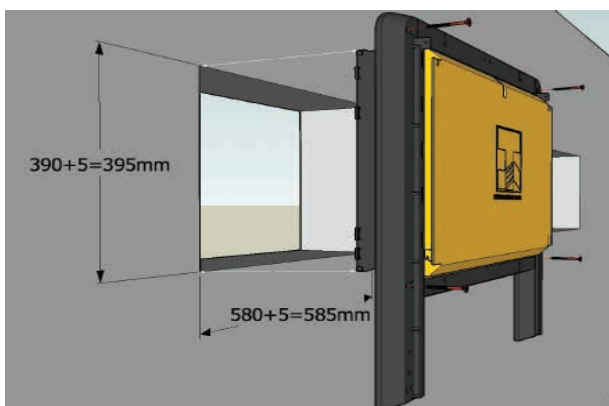
No airflow in nests



Extra wide houses



Good for avoiding obstacles



The Flash 3300 is manufactured to standard sizes. The opening in the wall is recommended to be 5mm wider than the air inlet's dimensions.



The Flash 3300, just like other Tulderhof air inlets, can be set-up in a light street.