



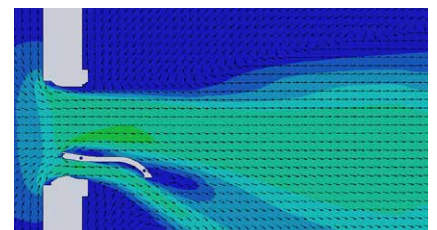
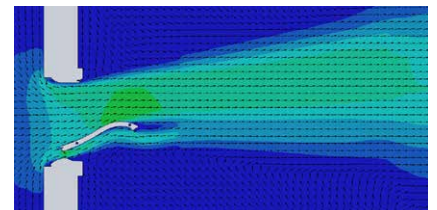
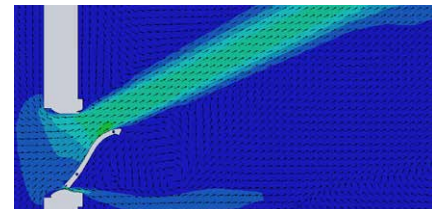
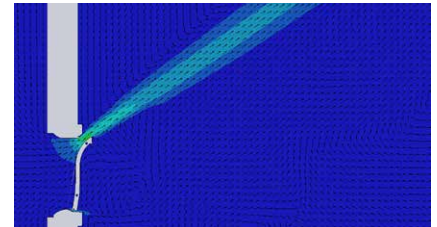
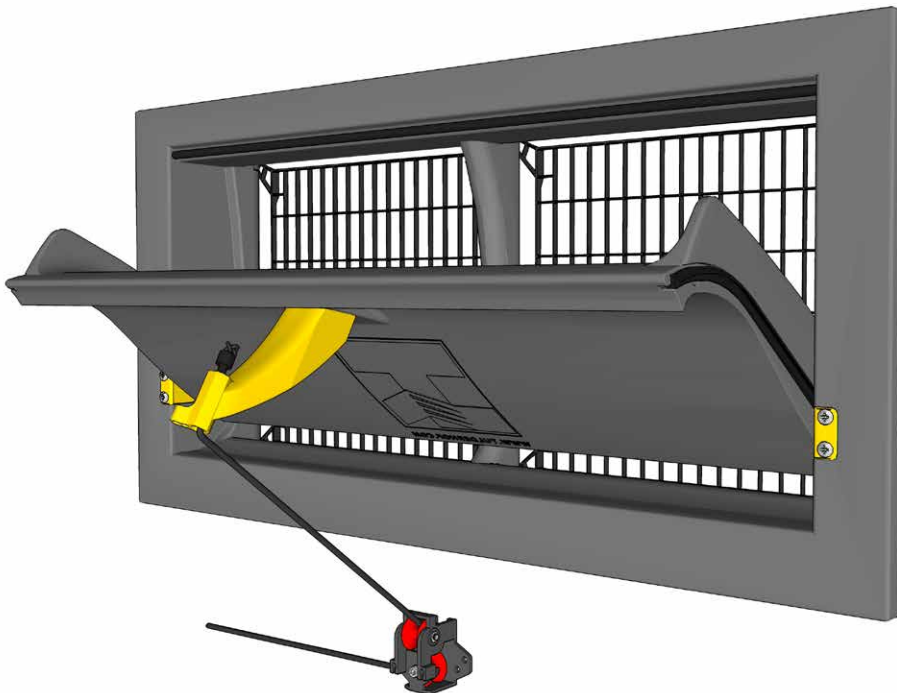
# TULDERHOF

ventilation

NEW

## BL 4500 - air inlet

### Black line



Aerodynamic flow

Excellent finetuning

4500 m<sup>3</sup>/hour 20 PA

Air tight when closed

Polyurethane

### BL 4500

The **Black line 4500** air inlet is an inlet of high quality polyurethane foam with a high insulation value. The BL 4500 comes as a selfopening or selfclosing inlet.

The selfclosing variant has the advantage that one can make a delayed opening system e.g. 1 in 3 inlets open first.

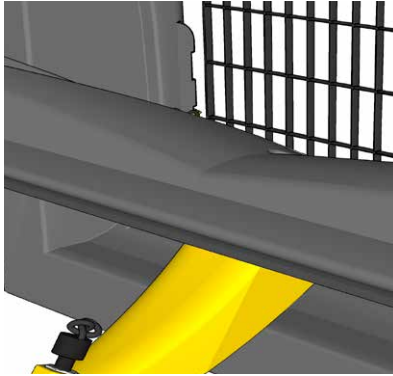
Together with the option of a jetstream valve one can have total automatic control over the minimum ventilation.

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## Technical information



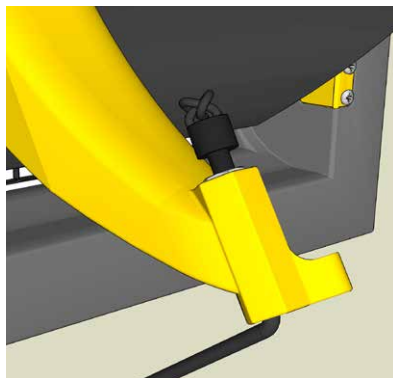
### Jetstream

Concentrates the air for a better minimum throw



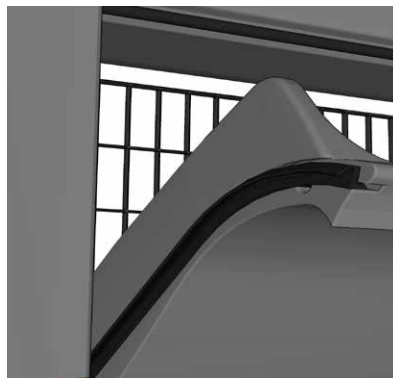
### Aerodynamic grid

UV resistant plastic mesh with optimized air flow



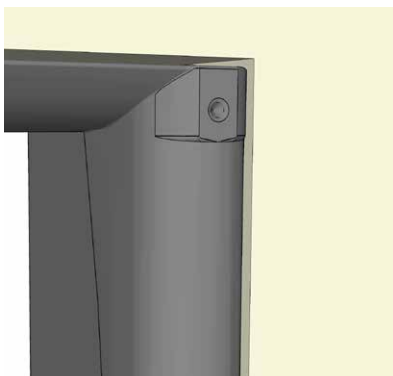
### Fine tuning:

A special screw makes a perfect fine tuning easy



### Draught strips

Make the inlet 100% airtight in closed position



### Aerodynamics

Round edges give the inlet 8% more airflow



### Springs

Stainless steel springs and plastic holders: doesn't rust

### Air inlet data

Type	BL-4500
10 Pa - m <sup>3</sup> /h	3100
20 Pa - m <sup>3</sup> /h	4500
30 Pa - m <sup>3</sup> /h	5500
Surface- cm <sup>2</sup>	2200
Breedte - mm (X)	857
Height - mm (Y)	373
Depth- mm (Z)	135

### Insulation

De BL 4500 is made of 20 mm thick polyurethane foam with a density of 190 grams per liter.

Therefore the frame and the valve have a high insulation value of 1.41 W/(m<sup>2</sup>.K).

The surface is strong and smooth and therefore easy to clean.

R value = 0,71 m<sup>2</sup>.K/W

U value = 1,41 W/(m<sup>2</sup>.K)