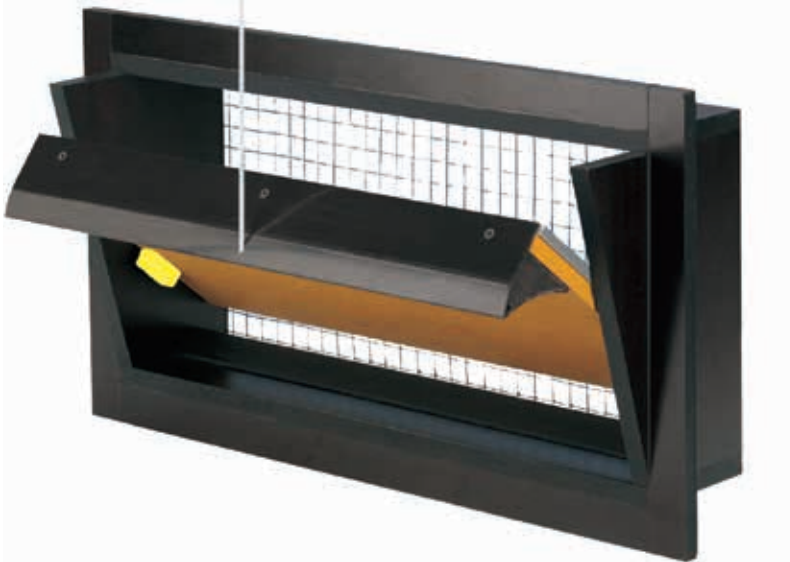




# TULDERHOF

ventilation

## 4 Seasons air inlet



Nice air flux

Reliable

Simple

Insulated

Robust

### 4 Seasons air inlet

The 4 Seasons air inlet is one of the first air inlets Tulderhof has created.

This air inlet has been installed in thousands of houses over the last 20 years. Meanwhile, this air inlet has proven its reliability and has a simple and easy air flow.



### How does it work?

The air flow is as following: when the valve opens, the air can only pass along the upper side. This way it steers quite straight into the house. After 10 to 15% the valve opens underneath as well. The air is then deflected downwards, creating a nice rolling effect.

### Material:

The frame is constructed out of the highest quality plywood. The valve has a fixed hinge point and is very well insulated with 15 mm insulation foam.

This foam also ensures a proper closing at the edges. Therefore the 4 Seasons air inlet is absolutely draught free.

Tulderhof Ventilation BV • Looyenbeemd 10 • 5652 BH Eindhoven • Netherlands  
Tel. +31 (0) 404 00 63 13 • Tel. +32 (0) 14 65 86 91 • Fax +32 (0) 14 65 99 60

[WWW.TULDERHOF.COM](http://WWW.TULDERHOF.COM)

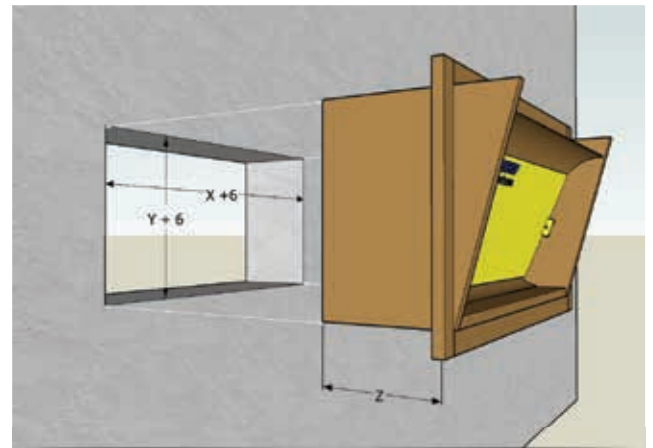
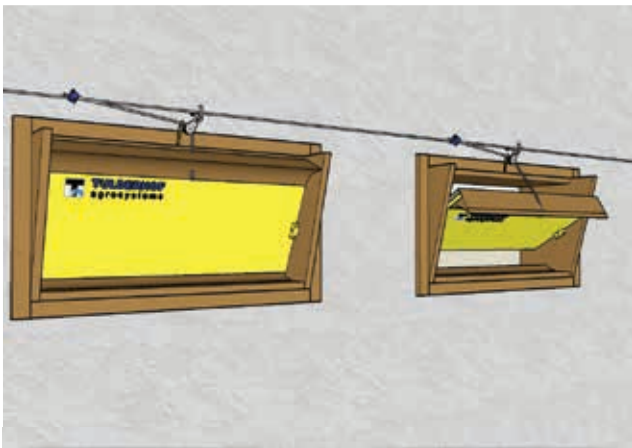


## Technical information

### 4 Seasons air inlet

Type	4S-3000	4S-4000	4S-5000
10 Pa - m <sup>3</sup> /h	2,100	2,800	3,600
20 Pa - m <sup>3</sup> /h	3,000	4,000	5,000
30 Pa - m <sup>3</sup> /h	3,700	4,900	6,200
Surface - cm <sup>2</sup>	1,410	1,860	2,370
Width - mm (X)	600	700	800
Height - mm (Y)	330	360	390
Depth - mm (Z)	150	170	170

\* Other sizes available on request.



### Attention!

X, Y and Z are available in every size. The hole in the wall should be 6 mm bigger.

Inlet per animal	m <sup>3</sup> / h	cm <sup>2</sup> by 10 Pa	cm <sup>2</sup> by 20 Pa
Species			
Broilers	8-11	5.5 - 8.0	4.0 - 5.5
Broilers: breeders	14	9.8	7.0
Layers	7	4.9	3.5
Rearing layers	5.5	3.8	2.8

To calculate the total net surface of the valves we use the following calculations:

- > At an under pressure of 10 Pa you should multiply the total amount of m<sup>3</sup>/h by 0.7
- > At an under pressure of 20 Pa you should multiply the total amount of m<sup>3</sup>/h by 0.5