



# TULDERHOF

ventilation

## X-Stream air inlet



3 - 1 system

Patented airflow

Well insulated

5 year guarantee\*

### X-Stream

Tulderhof has further developed the classic air inlet giving rise to the birth of the X-Stream, an extremely versatile inlet valve with many extra possibilities.

The X-stream is manufactured from durable plastic. The 40mm thick frame is filled with high grade EPS insulation, resulting in a high insulation value.

The X-Stream can be made "spring opening" or "spring closing". If needed, this can also be easily changed later.

### Operation

The inlet initially opens only at the top, sending all of the incoming air to the ridge. After a set time, the inlet then also opens at the bottom, deflecting part of the incoming air downwards to create a nice rolling effect. This specific airflow is patented by Tulderhof.

### Ventilation options:

The 3 in 1 system allows phased opening of each of the 3 inlets using only 1 winch motor. This creates a deeper throw of air when using minimum ventilation.

With maximum ventilation the X-Stream guides the air straight onto the birds. With multiple winch motors one can create more possibilities.



\* Contact Tulderhof for details

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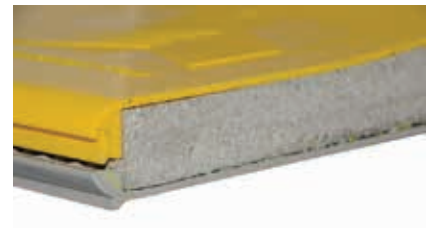
## Technical information

### X-Stream - air inlet information

Type	X-Stream I	X-Stream II	X-Stream III
10 Pa - m <sup>3</sup> /h	1,500	3,000	4,500
20 Pa - m <sup>3</sup> /h	2,200	4,000	6,000
Surface - cm <sup>2</sup>	1,100	2,200	3,300
Width - mm (X)	385	805	1,220
Height - mm (Y)	355	355	355
Depth - mm (Z)	45	45	45
Hole size - mm	392 x 360	812 x 360	1,232 x 360

### X-Stream with HIPS insulation (High Impact Polystyrene)

The X-Stream slide is filled with 26 mm Neopor<sup>®</sup>. This is a "High Impact Polystyrene Plastic", a highly insulated and expanded polystyrene. The U-value equals 0.93, which results in a 30% better insulation than the standard PU-inlets.



Special set screw for adjusting the X-Stream.



With the X-Stream, Tulderhof always advises a galvanized rod of at least 7 mm.

### The Jet stream spoiler

The Jet stream spoiler has vertically converging plates that concentrate the airflow 2 meters in front of the inlet. This creates a jet-stream.

