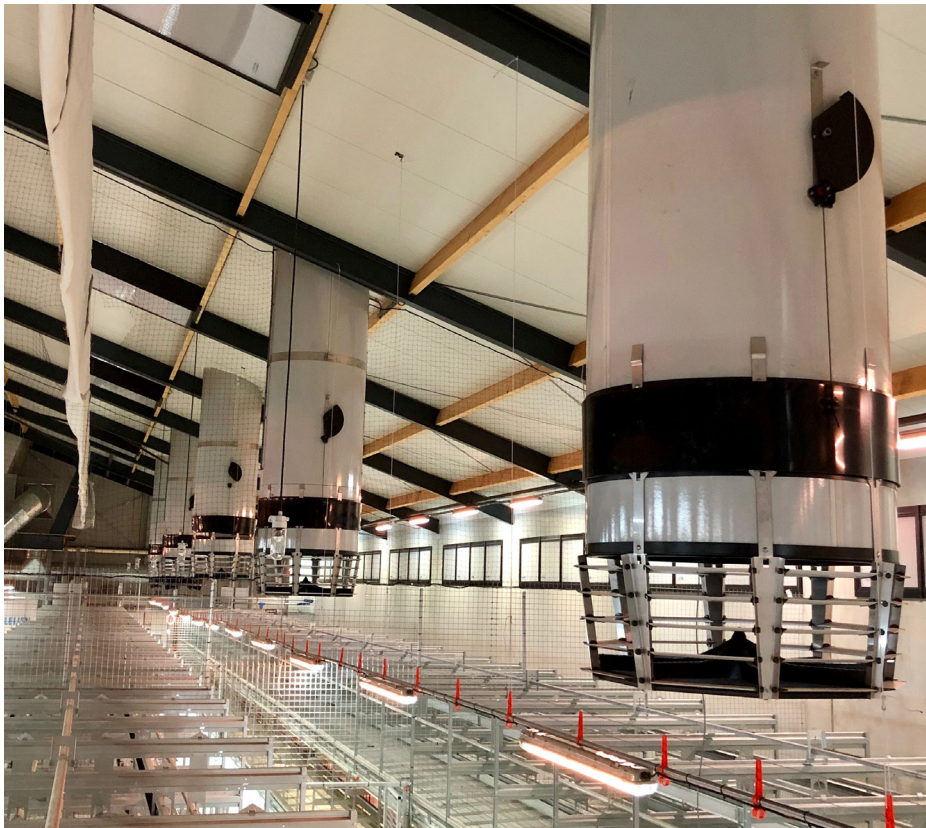


Air Equalizer



Fresh air inlet chimney

Adjustable air flow

Polyester coating

30 mm PU

By-pass

Easy controlled

Rigid

19.500 m³/h

AIR EQUALIZER

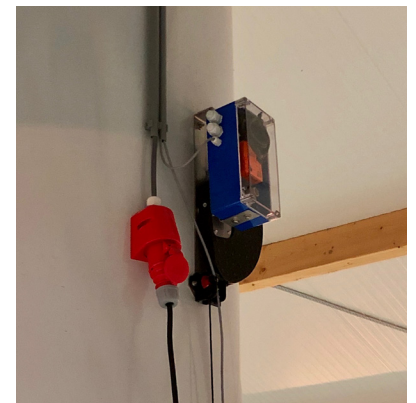
The **Air Equalizer** is an fresh air inlet chimney with the option to adjust the incoming air flow with adjustable spoilers/vanes.

The **Air Equalizer** is provided with a by-pass to mix warm barn air with the cold fresh air. The Equalizer does not change in height when using the by-pass. The by-pass can be regulated with an up and down moving ring. The incoming air can be managed with a damper. A computer controlled actuator operates the by-pass and the damper simultaneously.



Spoilers/vanes

There are 8 horizontal air directions per Equalizer. The airflow can be adjusted vertically separately for each zone or even completely blocked.



Actuator

The damper and the by-pass are controlled by a 0-10 volt Belimo actuator. When the damper closes, the by-pass opens and vice versa.

Technical information

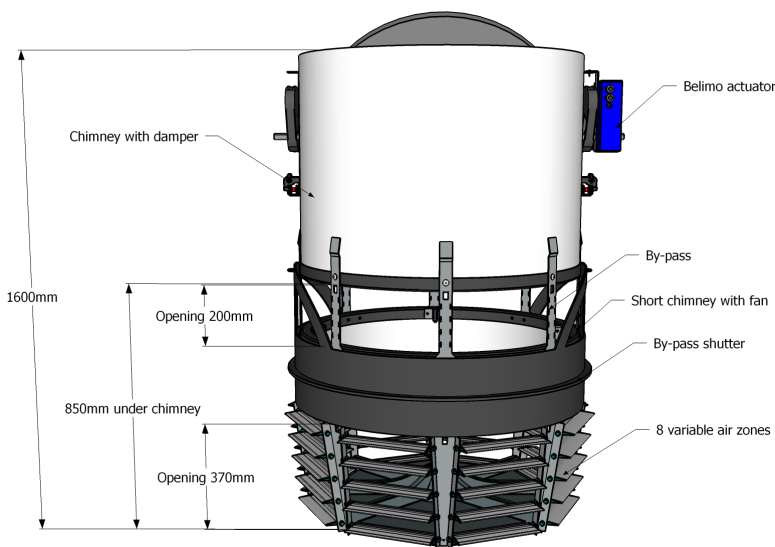
Air flow data	
Type	Air Equalizer
0 Pa - m ³ /h	19.500
Diameter - mm (X)	920
Surface - cm ²	2200
Width - mm (X)	1000
Height - mm (Z)	1600
Depth - mm (Y)	1000

Insulation

The Air Equalizer is made of 30 mm foamed PU with a polyester shell. Insulation of the duct is necessary to prevent condensation on the outside of the duct.

The shell is hard and smooth and is easy to clean with high pressure.

Heat conductivity = 0,022 W/mK



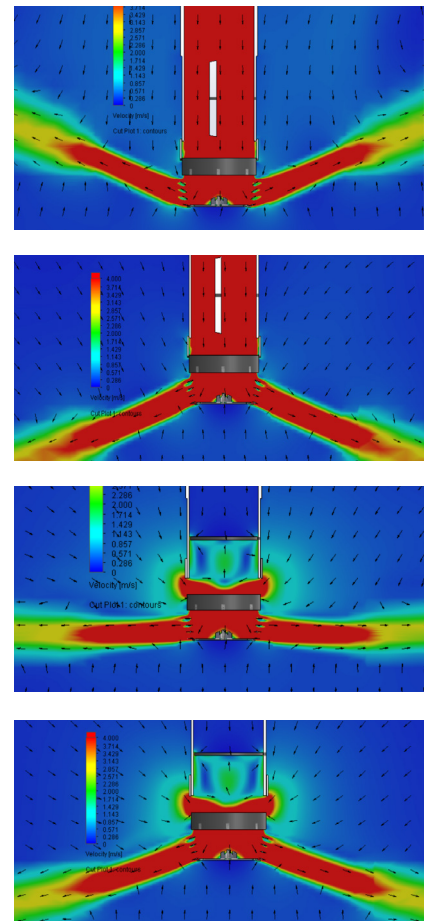
Dimensions

The product is 1.6 m high consisting of 750 mm tube with damper and the Air Equalizer unit of 850 mm high.

The Air Equalizer is supplied fully assembled.

Optional products:

- Rain hood
- Universal roof plate or corrugated plate
- Extension of the tube per meter
- Anchoring set



Flow

Airflow with different spoiler positions and by-pass openings