

Loft inlet MPI

Loft inlet for negative pressure ventilation systems

The loft inlet is designed to regulate intake air in all stable types with negative pressure systems.

The purpose of the system is to mix fresh air with the air in the stable without causing draught problems for the animals within the stable. The positioning of the fresh air intake is therefore the most important aspect when installing a good ventilation system. At the same time, the distribution of air must be optimal throughout the entire stable and the system must have the lowest possible energy consumption.

Materials

The inlet is fabricated in polystyrene. It is dimensionally stable and UV stabilized.

The open, smooth design ensures rapid cleaning using, for example, a high-pressure cleaner.

Benefits

- Stable design with reinforced frame
- Extremely stable in cold conditions
- Highest resistance to cleaning agents
- Environmentally-friendly material, polystyrene
- 1 standard size as picture with a height of 90 mm
- Adapter to increase height 90 mm.
- Single flap model
- Fits all loft thicknesses
- Competitive price

Positioning of inlets

The loft inlet is fastened to the ceiling with screws, and seal up at the edge using silicone or another type of sealing material.

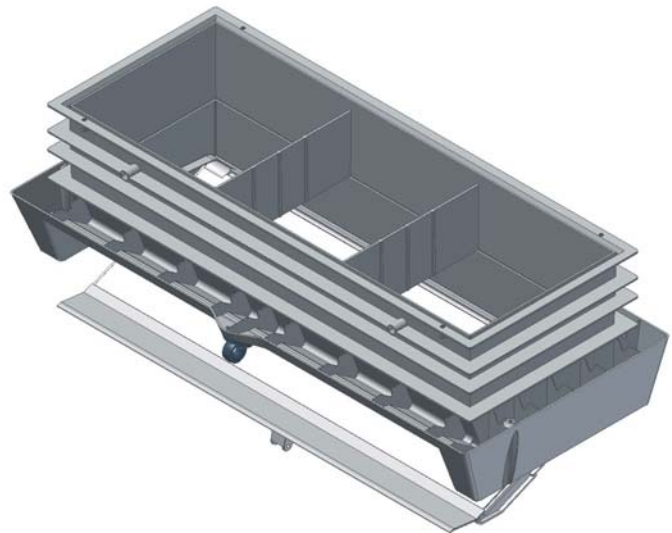
Product description

The inlets are available in a module system consisting of a basic module of 90 mm plus one or more 90 mm adapters which can be connected consecutively such that they match the thickness of the loft. The flap is infinitely adjustable and is retained by means of a locking system.

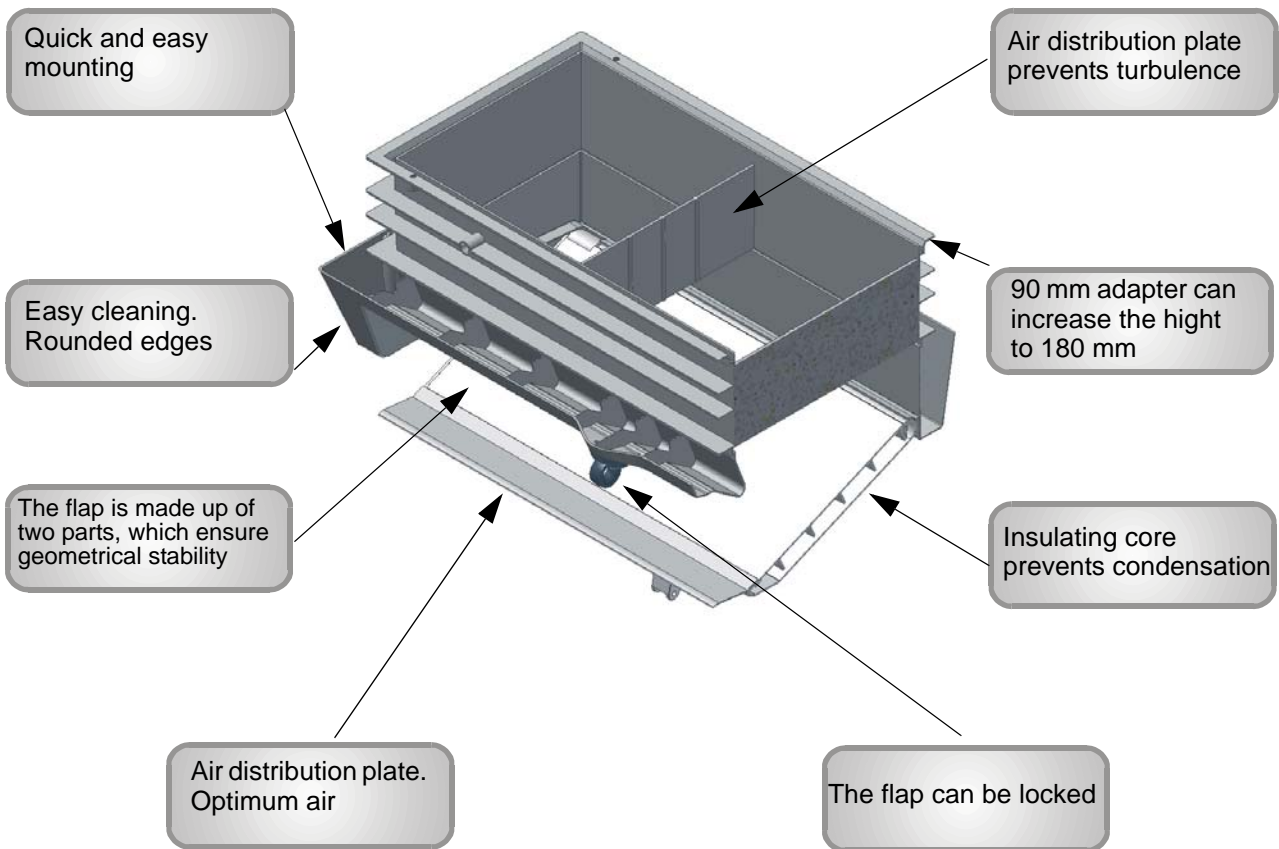
The inlet flap opens downwards unaided, which means that the flap is closed by pulling it up. This provides the highest degree of safety since the flap will always open if there should be a fault in the wire system.

A nylon chord is fitted at a central lifting point in order to open and close the flap.

Owing to the negative pressure in the stable, fresh air is sucked in through the inlet and is then distributed in the stable according to the settings of the individual flaps. The inlet is completely sealed when in a closed state.



Technical specifications



Standard dimensions:

Standard loft inlet		
Length	Height	Width
650 mm	90 mm	260 mm
Adapter		
650 mm	90 mm	260 mm

Output:

Loft inlet height:	90 mm	180 mm	270 mm
Output m³/h at compl. open			
-10Pa	1320	1440	1415
Output m³/h at compl. open			
-20Pa	1870	2015	2000