

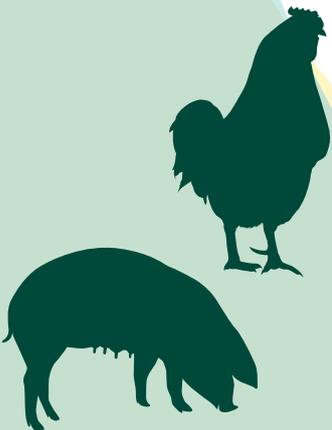
**PATENT
PENDING**



FANTURA AIR INLET SYSTEM

NO MORE COLD AIR DROP
IN YOUR HOUSE

- Good flow of fresh air throughout the house even with minimum ventilation
- 30% more capacity
- Intelligent actuator



FANTURA AIR INLET SYSTEM

Fancom is launching a unique air inlet system that ensures a constant, even supply of fresh air into the house in all conditions. It puts an end to cold air dropping down onto your animals and the litter stays nice and dry, avoiding foot problems. Your animals stay healthy and grow better, and the consistent growth conditions improve uniformity. The Fantura air inlet system consists of an air inlet valve, an intelligent actuator and a smart control computer.



Fresh air throughout the house even with minimum ventilation

A conventional air inlet valve set for minimum ventilation create a long, narrow opening. So the cold, incoming air has too little mass, decreases in speed too rapidly and drops down on the animals. The special jet stream of the Fantura air inlet valve changes the shape of the inlet opening to a compact, rectangular aperture. The surface area and therefore the quantity of air remain the same. The incoming air is bundled, creating a better throw, and is directed to the ridge of the house where it can mix with the warm air inside the house.

30% more capacity

The aerodynamic housing is equipped with an air entry cone that reduces air resistance. In combination with the jet stream, the Fantura inlet valve delivers 30% more capacity. So you

can cut down on the number of air inlet valves. This also impacts positively on your energy consumption.

Intelligent actuator

The Fantura system works with a combination of the Fancom climate computer and the intelligent iM.60 or iM.125 actuators. Based on the capacity required, the actuator determines the ideal position of the air inlet valve, taking account of the changing shape of the air inlet opening, and guarantees the correct volume of fresh air in any conditions

Optimum climate

The Fancom system operates on the basis of the temperature and number of animals in the house. Unlike systems that operate purely on a pressure basis, the Fantura system takes account of temperature differences in the

house and adjusts them automatically. Because it also takes the impact of CO₂, air pressure and relative humidity into account, the Fantura system ensures an optimum climate in your house

Two models

- There are two models: a plastic version and a PU version with additional insulation.
- The air inlet valve is spring-operated. This makes it easier to control in the minimum range and ensures that the valve is airtight when closed.
- A complete range of accessories is available, with air filters, wind covers and a protective screen.

Characteristics

Type	airflow in m ³ /h (CFM) without grid pressure Pa (Pascal)			force kg	stroke mm	weight kg	Insulation Rc-value
	10	20	40				
Fantura inlet >-5°C	2600	3600	4800	6,0	440	6,6	0,50
Fantura inlet >-35°C	2600	3600	5000	6,0	490	5,2	0,91

Dimensions

Type inlet	Dimension edge		Dimension built-in part		
	height mm	Length mm	height mm	length mm	depth mm
Fantura inlet >-5°C	457	913	389	860	141
Fantura inlet >-35°C	455	970	375	890	136

