

Wall air inlet »ZEW« Professional for all climate zones

Professional solution + savings on energy costs



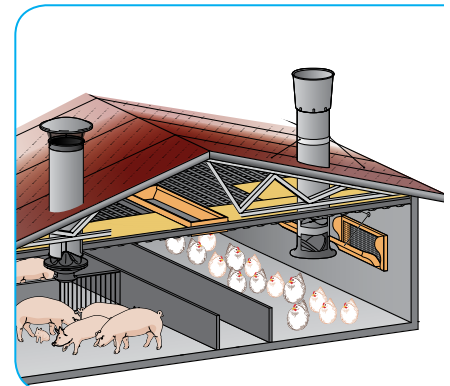
With the new »ZEW« Professional fresh air inlet, the minimum fresh air rates can be orientated entirely towards the needs of the animals.

Especially at outside temperatures below -10°C/ 14°F ice can form at the air intake of the inlet. In order to maintain the functionality despite this, the inlet shutter is moved via the control (so-called forced ventilation) for example. However, this results in very cold fresh air from outside flowing into the stable, exceeding the air requirements of the animals.

This is precisely where the innovative »ZEW« Professional fresh air inlet from REVENTA® comes into play.

Through its unique geometry, the coming together of cold fresh air and moist warm stable air is displaced to areas in which no negative effects on functionality will occur.

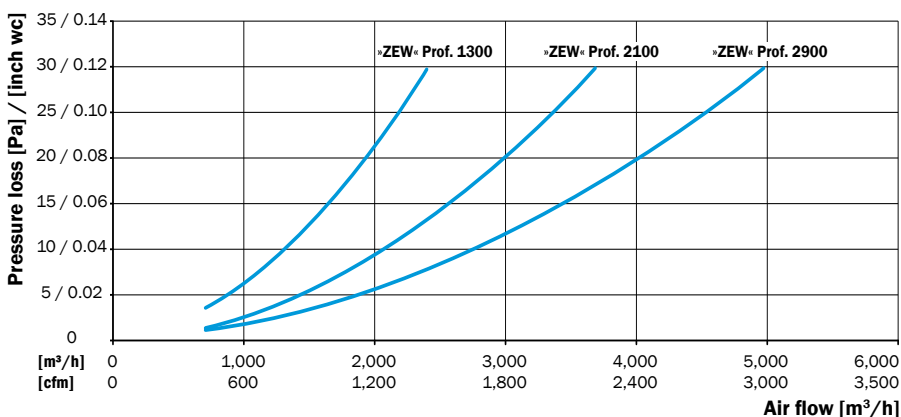
The wall air inlets in this range comprise insulated polyurethane rigid foam. Cleaning is easy due to the smooth, hard surfaces.



ADVANTAGES

- Significantly reduces the formation of ice even at extreme external temperatures
- Reduces energy costs massively by forgoing forced ventilation
- Spreads the temperature uniformly inside the stable, as the minimum air rate can be geared solely to the requirements of the animals
- To avoid condensation/icing, two sealing lips are mounted on the shutter base
- The air conduction sheet can be adjusted in every position due to a special latching guide
- Winter and summer position easy to set due to corresponding symbols on the inlet
- Transport and installation safeguard for the shutters integrated into the air conduction sheet

Air capacity »ZEW« Professional with protective bird grid



The universal wall air inlet »ZEW« Professional: One fresh air inlet for all stables.

»ZEW« Professional - The plus for cold climate zones

In the extreme climatic regions of Russia as well as during „hard winters“ in Germany, frozen fresh air inlets present major problems for livestock owners.

As such it has been exposed to extremes including outside temperatures of -33°C / -27,4°F in a broiler fattening stable in the Urals.

The results confirmed almost no ice formation. In advance of this, the »ZEW« Polar was subjected to a range of tests under realistic conditions

with temperature differences of 70K/158°F in our in-house climate chamber. The outstanding characteristics were also confirmed here. Freezing up is significantly reduced without having any negative effects on the air flows in the stable.

A comprehensive accessory range including protective bird grid, wind deflection hood, electric motor and special pulley incl. rope locking device complete the wall air inlet.



Traction/Stroke way

Type	Traction (N)				Stroke way (mm)			
	Pulley		Wall guide		Pulley		Wall guide	
	a. o.	a. c.	a. o.	a. c.	a. o.	a. c.	a. o.	a. c.
2900	25	85	25	60	635	240	635	480

Dimensions

Type	Outer dimension Wall air inlet without flange (mm)	Inner dimension (mm)	Outer dimension Wind deflection hood (mm)
2900	725 x 482 x 100	667 x 428	958 x 893 x 624

Air flow

Type	Air flow*		
	only Wall air inlet	with Wind deflection hood + Light filter	with Wind deflection hood without Light filter
2900	4.000	3.600	3.700

*Air flow measured with a differential pressure of 20 Pa in m³/h. (sizes in mm)

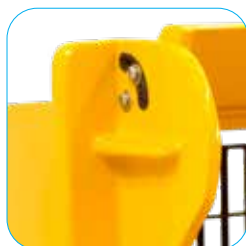
Bird Guard



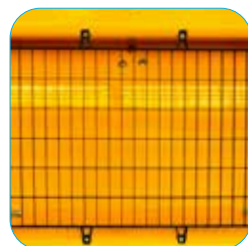
The ZEW 2900 Bird Guard is a wire frame guard designed to cover the ZEW 2900 inlet on the inside of the building. It is intended to prevent chickens from entering the functional area of the inlet. This guard is intended to be used exclusively with the ZEW2900 inlet.

AC4042 - ZEW2900 BIRD GUARD
HP1742 - ZEW2900 BIRD GUARD KIT

»Extras + accessories«



Air conduction sheet individually adjustable



Bird protection grid



Pull rod wall guide