

Munters Reventa »ZED 5000«

Air inlets

The »ZED 5000« ceiling inlet with extension is variably adaptable. The ceiling inlet with extension offers you the solution. A highly variable flange makes it adaptable to ceiling heights up to 3.5 m.

Features

- Fresh air is fed precisely into the feeding passage and not to the animal
- No dirty corners because the frame is produced from single-piece CFC-free polyurethane rigid foam
- Light, hygienic cleaning due to smooth surface
- Good insulating characteristics prevent the formation of condensation
- Durable due to robust and stable design
- Optional flange for a clean ceiling connection

The »ZED 5000« is slid into the ceiling in accordance with the ceiling height of your stable, so that the air supply angle can be optimally adjusted. The air is fed precisely into the feeding passage, is warmed here and then delivered draught-free to the animals. The pulley is reversibly adaptable thanks to the height-adjustable crossbrace. As such the slide-in depth of the inlet is always optimum. The new flange ensures a clean connection with the ceiling.

All »ZED 5000« ceiling inlets are ideal for use as combined diffuse systems when installed in combination with the trapeze ventilation ceiling.

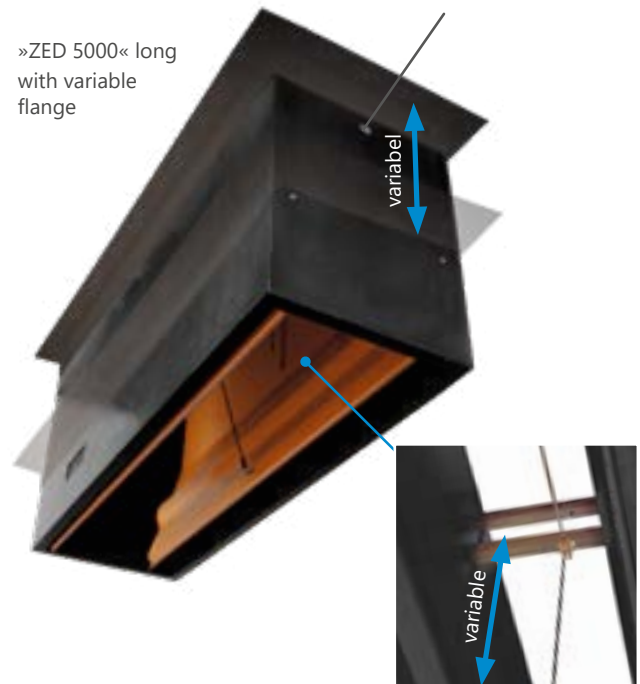
»ZED 5000« combined diffuse system

Depending on the system, high air speeds cannot be generated with large air flows with the trapeze ventilation ceiling. With the addition of the large ceiling inlet »ZED« 5000 this situation can be counterbalanced, because the opening increases the air speed (pulse effect) and thereby also induces the desired cooling effect.

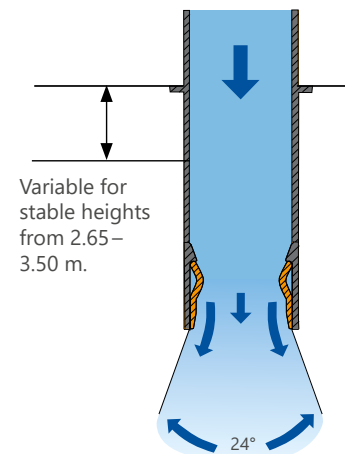
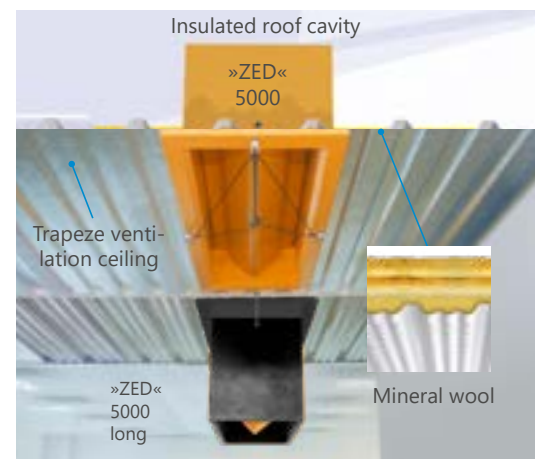
We additionally recommend insulating the ceiling cavity with air cushion foil, in order to prevent the roof space from heating up in the summer.

Principal: »ZED 5000« with extension

The »ZED 5000« inlet with extension is particularly recommended for stables with high ceilings. With it the fresh air is fed precisely into the feed passage and not to the animals. The frame is foamed from a single part for optimum cleaning - no dirty edges arise.

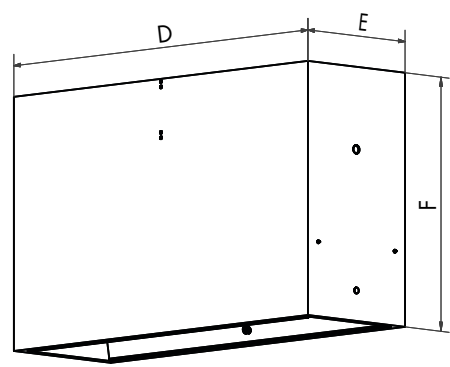
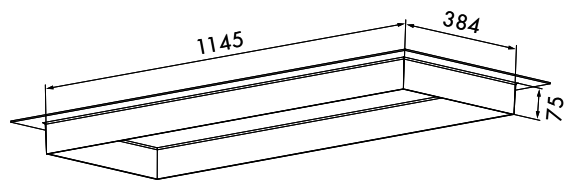


Crossbrace incl. pulley



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A	B	C	D	E	F
1,145 mm	384 mm	75 mm	1,136 mm	375 mm	700 mm

Technical specifications

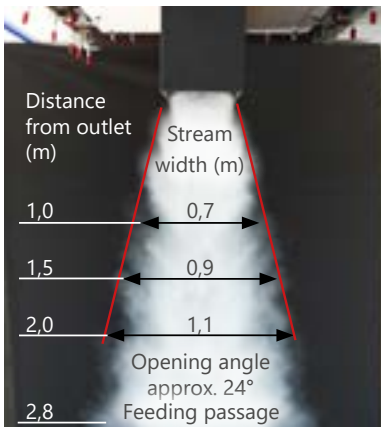
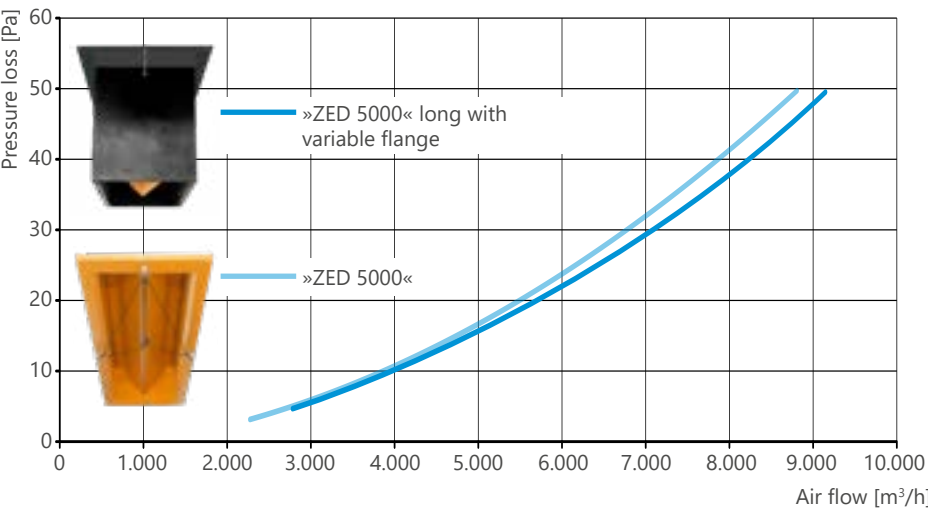
		»ZED 5000« a.o./ a.c.		»ZED 5000« long optionally with flange	
		a.o.	a.c.	a.o.	a.c.
Air flow*	[m³/h]	5,500		5,800	
Outer dimensions	[mm]	1,113 x 351 x 239		1,136 x 375 x 700	
Inner dimensions	[mm]	1,106 x 330		1,106 x 345	
Pulling forces	[N]	40 N	80 N	30 N	-
Stroke way	[mm]	140	140	180	-

*Air flow at 20 Pa in m³/h; dimensions in mm; s.o. = self-opening; s.c. = self-closing

Load capacity

	»ZED 5000« s.ö./s.s.	»ZED 5000« lang optional m. Flanschrahmen
Quantity	21	9
Pallet size [W x L x H]	1,3 x 1,3 x approx. 2,1 m	1,2 x 1,2 x approx. 2,3 m

Air capacity



The shown current profile applies for differential pressure at the air inlet of at least 10Pa (about 3m/s). Below this pressure difference other outflow passages may result from thermal conditions.