

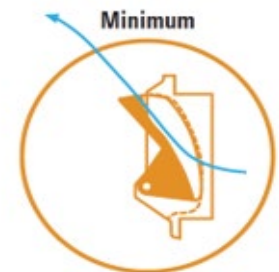


# AERON INLET



The Aeron inlet's unique shape and design provides the optimal combination of capacity and airflow, giving you control over airspeed, volume and direction from minimum to maximum ventilation.

Minimum ventilation can be tricky in cold climates, the "W" shape of the Aeron inlet produces 2 "jets" of fresh incoming air which are guided upwards to the center of the house preventing cold air from dropping directly onto the animals. When the flap is open over 30% (maximum ventilation) air is also directed under the flap downwards which provides a cooling effect.



Over 30%



Maximum



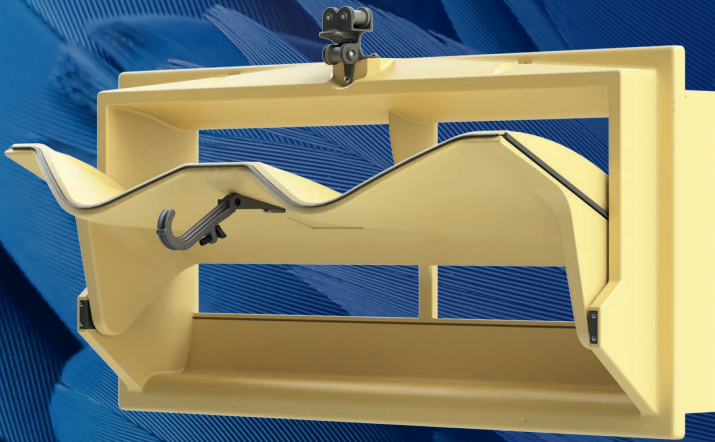
CFM @		
0.05" SP	0.10" SP	0.15" SP
2,040	2,890	3,552

PART #	DESCRIPTION	R.S.O.
E65-300AERON	AERON WALL INLET	40-1/4"W x 16-1/2"H
E65-32204C	CABLE CLAMP & CORD (1 PER INLET REQ'D)	
E65-32423	TPI-423 DELUXE PULLEY W/CLOSING LATCH (OPTIONAL)	
E65-32120	TPI-120 WIRE MESH (OPTIONAL)	
E65-32955	TPI-955 WIND HOOD FOR AERON/VENTUM (OPTIONAL)	



# AERON

## FOR INNOVATORS



Minimum ventilation,  
maximum control

Innovative valve design

A cooling effect

Equipped with the latest  
accessories and seals

# AERON | FOR INNOVATORS

## Minimum ventilation, maximum control

For most farmers getting the minimum ventilation right is a challenge. Minimum ventilation is especially tricky when the animals are still young and sensitive to drafts. The difficulty lies in bringing small volumes of air up to speed, to prevent the air from dropping directly onto the animals.

Aeron delivers precise control during minimal ventilation.

## Innovative valve design

The W-shape of the inner valve is a key feature that plays a crucial role in achieving perfect control during minimum ventilation. At the minimum range, air jets help to guide fresh air upwards into the house. With a minimum as low as 36 cfm at 0.05 SP the Aeron still guides air upwards to the centre of the house. After opening further, air flows over the full width of the valve. When the valve opens over 30% the air is also guided downwards.

## A cooling effect

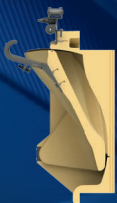
The Aeron performs very well at maximum capacity. When animals are heavier or the temperature is rising, the air jets are directed straight into the house. At this stage, the air is also guided underneath the valve towards the floor of the house. This helps create a wind-chill effect that cools the animals. A great way to transition into tunnel ventilation.

At the maximum opening, this air inlet has a capacity of 3950 cfm at 0.15 SP.

## Equipped with the latest accessories and seals

Our brand new pulley unit offers an integrated closing catch. This closing catch can be used to lock the Aeron during cleaning. Made out of strong and durable nylon this pulley unit supports two wheels to guide the cord in any direction.

The pulley wheels on top also act as a support to the main cable.



### Capacity at minimum opening | 7°

cfm @ 0.05 SP | 36

cfm @ 0.10 SP | 51

cfm @ 0.15 SP | 63



### Capacity at maximum opening | 90°

cfm @ 0.05 SP | 2290

cfm @ 0.10 SP | 3218

cfm @ 0.15 SP | 3950

For more information  
[www.tpi-polytechniek.com](http://www.tpi-polytechniek.com)