SCAN-AIR

Professionals in fresh air

OPTIFLEX fresh air inlets designed for your animals

Poultry



Pigs



Cattle



Remaining



- **Optiflex air inlet systems**
- **Optiflex window systems**
- **Optimavent ventilation system**
- **Smoke - products**

Scan-Air – the best solution!

Air inlets by Scan-Air are well established and proven. Scan-Air's exclusive features offer the following benefits:

✓ Customised

We have a solution suitable for every shed design. Designed to meet the requirements of each animal category, type of equipment, shed dimensions, other architectural conditions and most importantly the specific needs of the farmer.

✓ Durable

Our air inlets are manufactured from highly durable PVC. This material has the potential for recycling ensuring that sustainability is guaranteed.

✓ Hygienic

Because of the smooth and strong surface, quick cleaning will not be a problem. Resulting in less labour & more hygiene.

✓ High insulation value

The flaps/slides are available in 2 versions: double-walled PVC and double-walled PVC filled with PU-foam, for colder regions.

Transparent flaps/slides are also available manufactured from or fourwall PVC.

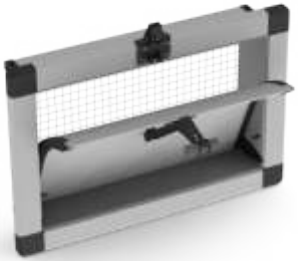
✓ Easy Assembly

The air inlets are easy to build in and with our special link mechanism the air inlets can easily be combined to form larger elements.

✓ Animal Welfare

By fitting our daylight-flaps, you can also meet the requirements for animal welfare.

Optiflex air inlet valves



Wall air inlet WVH-GK

for horizontal air supply.

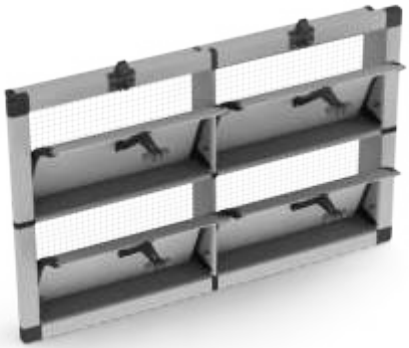
- curved flap single- (GDK) or double (GKK) turning point
- Sizes:
  Width 200 - 1120 mm
  Height flap 345 - 545 mm
  Height in steps of 25mm



Wall air inlet WVH-RK

for horizontal air supply.

- straight flap single turning point (GDK)
- Sizes:
  Width 200 - 1120 mm
  Height flap 195 - 545 mm
  Height in steps of 25mm



Multiple flaps H..V..

with multiple flaps designed to your requirements, for your specific application.

- applicable for WVH, WVV, VS, KU and JLZ.
- Sizes:
  Possible Widths up to 5520mm
  Possible Heights up to 2645mm
- to build up as modular system



Spoiler DFT

additional adjustment of air direction in case of obstacles.

- applicable for WVH-RK and WVH-GK
- Sizes:
  Width spoiler 50 / 125mm



Delay Mechanism NLS

for minimum ventilation.

- applicable for WVH-GK and WVH-RK
- delay adjustable up to 10cm



Wall air inlet WVV

for vertical air supply.

- Sizes:
  Width 200 - 1120 mm
  Height flap 320 - 370 - 420 mm



Windbafle WBK

for wall air inlets.

- less wind influence
- possible to combine with a lighttrap
- feasible with transparent back cover to meet to daylight requirements



Flange -/FL

on the outside.

- air tight sealing on the outside wall
- higher capacity due to the better influx of air



Flange FL/FL

on the in- and outside.

- air tight sealing on the walls
- higher capacity due to inflow radius
- applicable on every Optiflex-systems



TeleFlange FL/TFL

on the in- and outside.

- air tight sealing on the walls
- aesthetically fit on the wall
- applicable on every Optiflex-systems



Ceiling air inlet PVH-E

for horizontal air supply.

- single (E) flap, one sided supply
- Sizes:
  Length 200 - 1120mm
  Width flap 320 - 370 - 420mm



Ceiling air inlet PVH-D

for horizontal air supply.

- double (D) flap, double sided supply
- Sizes:
  Length 200 - 1120mm
  Width flap 600 - 700 - 800mm



Ceiling air inlet PVH MV

with multiple flaps designed to your requirements, for your specific application.

- applicable for PVH
- Sizes:
  Width flap E 320 - 370 - 420mm
  Width flap D 600 - 700 - 800mm
  Possible Lengths up to 5520mm



Turn-air TA

air-conduction profiles for wall- and ceiling inlets.

- lower air resistance
- laminar air flow



Ceiling air inlet PVV-E

for vertical air supply.

- single (E) flap
- Sizes:
  Length 200 - 1120mm
  Width flap 145 - 180mm



Ceiling air inlet PVV-D

for vertical air supply.

- double (D) flap
- Sizes:
  Length 200 - 1120mm
  Width flap 240 - 320mm



PVV with **teleflange** TFL

for vertical air supply.

- applicable for single (E) and double (D) flap



Ventilation **Slide** VS-SP

for horizontal air supply.

- independently adjustable air volume and direction
- with or without spoilers
- spoilers automatic / manual operation
- Sizes:
  Width 200 - 900mm
  Height 200 - 540mm



Tunnel air inlet JLZ

- manual operation or central control
- facility for direct motor control
- also applicable as rain protection grille / extra insulation in winter periods.
- Sizes:
  Widht 200 - 1120mm
  Height 204 - 2448mm
  Height in steps of 132mm
- optional: with vertical air deflectors



Shutoff valve SK

- manual operation or central control
- facility for direct motor control
- linear flow control
- Sizes:
  Width 200 - 1120mm
  Height 176 - 2250mm
  Height in steps of 122.5mm
- application:
  flow control at central exhaust-systems
  flow control at indirect air inlet
- with or without sealing profiles
- optional: with vertical air deflectors



Vertical air **deflectors**

to adjust the direction of the incoming air.

- applicable for JLZ and SK
- sizes on request

Optiflex daylight systems



Window panel RP

to meet to daylight requirements.

- 2x 10mm polycarbonate, opal / clear
- Sizes:
  Width 200 - 6040mm
  Height as desired



Combi system WVH-RP

natural light and ventilation combined to one element.

- any combination possible



Flap **transparent**

to meet to daylight requirements.

- applicable on every type of inlet



Window with **darkening blinds** PL

simple and maintenance-free darkening.

- 2x 10mm polycarbonate, opal / clear
- Sizes:
  Width 200 - 2145mm
  Height 200 - 1000mm

Optiflex darkening



Light **trap** LTR build-in

permanent darkening.

- universally applicable
- any sizes possible



Light **trap** LTR build-up

permanent darkening for inlets and fans.

- metal or plastic housing
- any sizes possible



Light **trap** build-in LTR

permanent darkening.

- Sizes:
  Width 200 - 1120mm
  Height 195 - 545mm
  different sizes on request



Light **trap** LTR round

permanent darkening of ventilation chimneys.

- Sizes on request

Optiflex pop-holes



Pop-holes KU

for chickens.

- white or transparent slide
- Sizes:
  Width 200 - 900mm
  Height 200 - 540mm

Optiflex modules



Fan **case** VK

Casing for fans, light traps, shutters, evaporative cooling, etc.

- any sizes possible



Pos. pressure valve ODK

applicable on wall fans, exhaust openings, etc.

- any sizes possible

Optiflex air inlet mixing systems



AirMix 400 MV

optimal circulation with minimum ventilation.

- in combination with wall- / ceiling air inlet
- build-in
- capacity 400 m3/h
- optional with heating



AirMix 400 MV

optimal circulation with minimum ventilation.

- in combination with wall air inlet
- build-up
- suitable for existing wall air inlets
- capacity 400m3/h

Optimavent ventilation system



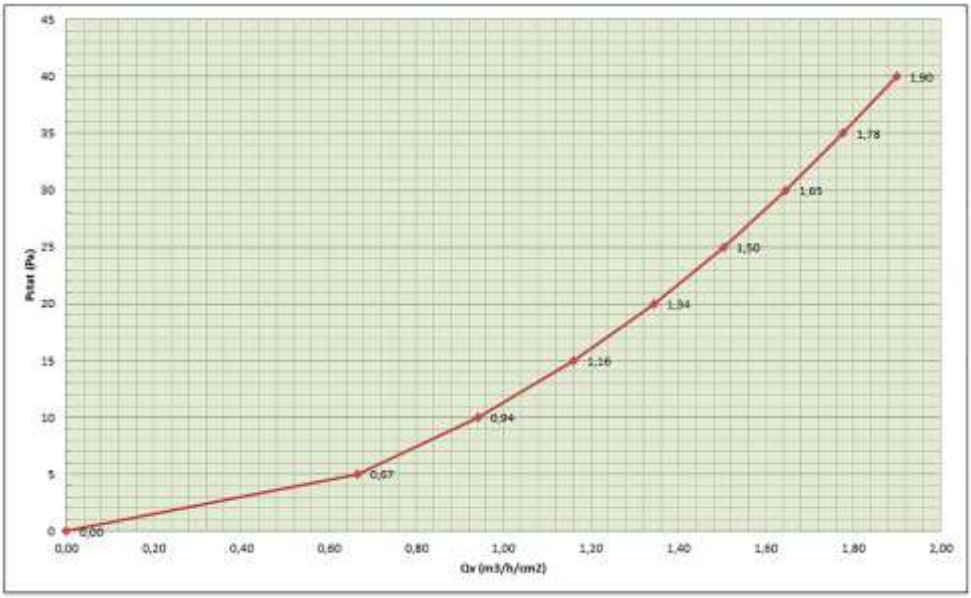
Air **supply** and **exhaust** ventilation system

Optimavent advantages:

- draught-free ventilation
- minimum maintenance required
- applicable to neutral, negative, and positive pressure ventilation systems

Optiflex capacities

capacity based on measurements model WVH 840/395-100-GKK



General

- Optiflex-housings available in colors white and black
- flaps available in colors white, black and transparent
- housing-depth to extend behind the flange (100mm) in steps of 25 mm
- optional bird-screen in galvanised or stainless steel

Flexibility

Scan-Air B.V. stands for flexibility. Maybe you have an idea, or are you looking for a product with specific sizes? Please contact us to discuss the possibilities and/or solutions.

Smoke - products



Smoke **machine** Mini-Mist

produces a clean white smoke.

- after warming up to use without main voltage
- 230V A/C
- non-quantity infinitely adjustable



Smoke **canisters** Mini-Mist

smoke fluid refilling.

- by piece or box of 12 pieces



Carrying **Case** Mini-Mist

insulated therefore when preheated more rapidly on temperature.

- extra protection
- space for additional smoke canisters
- no unpleasant smells during transport



Smoke **patterns** SmokeScan

for smaller applications.

- available in 45 and 60 seconds burning time
- 10 pieces in a box
- smoking patterns 45 seconds also available in pot, content 100 pieces

SCAN-AIR Professionals in fresh air



Prevent your animals going on strike, please contact us soon.

CONTACT

For a detailed description and technical specification of our products, please refer to our site.

www.scan-air.nl

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