

ESAS AIR DOOR... the switch to deliberate cost saving



ESAS Airdoor your deliberate investment

An air door – An ESAS Airdoor

The ESAS Airdoor creates an effective air separation between climate zones. Unlike an air curtain, the Airdoor focusses on solving the problem of separating temperature from outside to inside but also separating temperature between inside rooms.

The ESAS Airdoor is not only the solution for temperature separation but also for dust, smell, smoke and insects. The ESAS Airdoor does not only save on the energy expenses but draught- and air locks unnecessary. Obstructive strip curtains and high-speed doors belong to the past.

Operation

The ESAS Airdoor consists of an air door fan and a module. The pressurized air is blown through the specially formed module providing an effective seal between the two spaces. This flow operates as a thin invisible stable door which closes over the opening.

Applications - customization

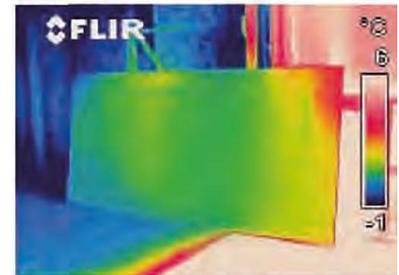
The ESAS Airdoor can be used for new built constructions, also in existing situations and also in case of renovation. Every situation is unique, therefore our ESAS Airdoor are also unique and custom made in size and application.

Whether it is with or without additional drying equipment, or filter systems or equipped with UV for fruit and vegetables, ESAS Airdoor is since 3 decades your Partner for the individual solution for your problem.

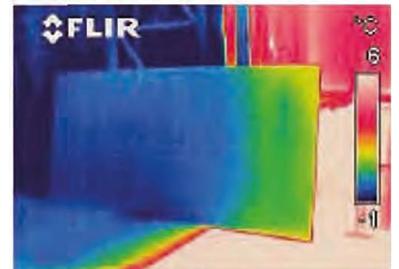
Measuring is knowing

Without the ESAS Airdoor warm air can flow in at the top of the room. At the bottom the cold air flow in the opposite direction out of the room. Depending on the temperature differences a natural heat transfer occurs. This phenomenon is further enhanced when wind or other air flows are involved.

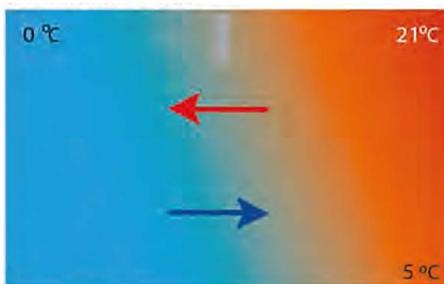
The effective separation of two temperature zones can be clearly seen when the ESAS Airdoor is active. The effect results in an optimal separation which means no draft and therefore a low energy consumption.



Airdoor switched off

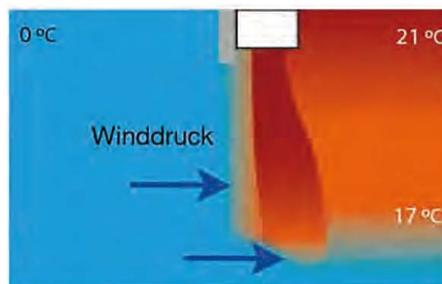


Airdoor switched on



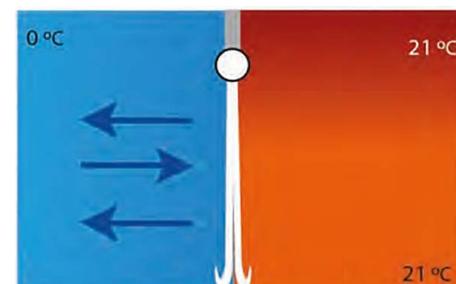
Completely open, no ESAS Airdoor

The result of cold air, draught and high energy cost



ESAS Airdoor

Perfect sealing; no draught



The conventional air curtain

No optimal sealing and high energy cost





Advantages

- Free (unhindered) transport between different climate zones
- Maintains correct/constant temperatures in different zones
- Most ideal sealing for drafty zones – doors
- Energy saving due to optimal separation
- Keeps heat and insects out
- Keeps dust and/or smell out or in
- Increases safety facilities and speeds up internal logistics
- Contributes to corporate sustainability

Applications

- Refrigerators
- Freezers
- Storage rooms
- Production rooms
- Spray printing room
- Load docks
- Fresh product dpt.
- Entrances
- Smoking areas
- Railway stations
- Garages
- Lorries etc. etc.



esas-airdoor.eu

HVR
Eikelstraat 14a - 5753 GG Deurne
The Netherlands
Telefon +31 49 33 - 1 1 46 0
Internet www.hvr bv.com
E-Mail info@esas-airdoor.eu

