



ESAS AIR DOOR... the switch to conscious savings



ESAS Air Door your conscious investment

An Air Door?

The ESAS door creates an effective air separation between climate zones. Unlike an air curtain the Air Door focuses on solving the problem of separating dust, odor, smoke, temperature and insects.

The ESAS Air Door does not only save on your energy bill but makes draught and air locks unnecessary. Obstructive strip curtains and high-speed doors belong to the past.

Operation

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

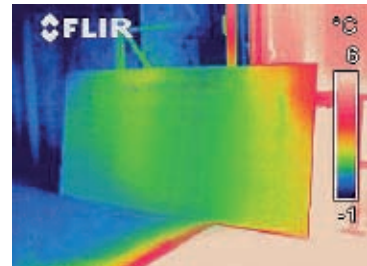
Applications

The ESAS Air Door can be used for new build constructions but also fits seamlessly into existing situations. The ESAS Air Door can also be used in case of renovation. Every situation is unique therefore every Air Door is custom made, both in size and in application. So your ESAS Air Door is a unique solution, custom made and fitted.

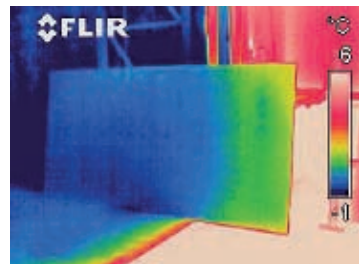


Measuring is knowing ...

Without the ESAS Air Door warm air can flow in at the top of the room. At the bottom the cold air flows 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.

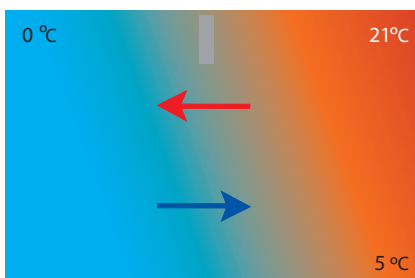


Air Door switched off



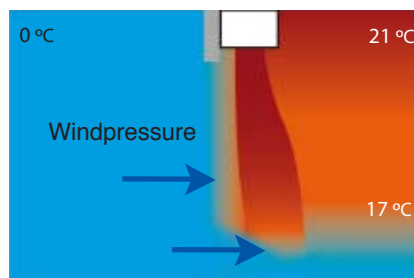
Air Door switched on

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



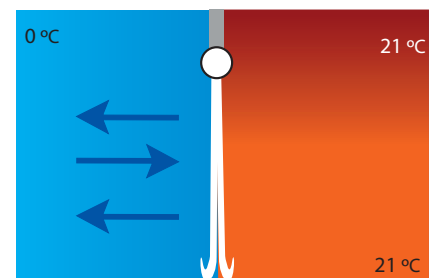
Patency without air curtain

The result of cold air, draught and high energy costs



Conventional air curtain

No optimal sealing and high energy costs



ESAS Air Door

Optimal sealing, no draught





Advantages

- Unhindered transport between different climate zones
- Maintains correct/ constant temperatures in different zones
- Most ideal sealing to drafty floors
- Energy saving because of optimal separation
- Keeps heat and insects out during summertimes
- Keeps dust and odor out or in
- Saving? constructional features
- No maintenance: no filters required
- Increases safety facilities and speeds up internal logistics
- Contributes to corporate sustainability
- Isolates humid or dry rooms

Applications

- refrigerators
- freezers
- storage rooms
- production rooms
- spray painting room
- load docks
- fresh product department
- entrance
- smoking areas
- railway station
- garage
- lorries

Contact us for further information or a tailor made quotation.



Vloetweg 22 • NL-5815 AR Merselo
Tel: +31 (0)478 853 287
info@AirInMotion.nl