

# *Industrialline*

Air curtains for industry



Versatile – Individual – Energysaving

# Air curtains for industry

## — *Comfort and efficiency*



Working in the vicinity of an industrial door is often associated with a cold and draughty working environment. The larger the door, the greater the energy losses and the higher the financial saving from an air curtain. Air curtains are a profitable investment.

Air curtains are not only making it possible to keep shopping mall doors open and creating comfort in the entrance area of a supermarket, but are equally important in large, exposed factory- and warehouse doors.

Sensitive production equipment and the qualified staff must be protected from the disturbing influence of bad weather. The air curtains are however also important in reducing the particularly high energy loss that occurs in large industrial doors.

Because of the vast variety of conditions in and around the door the air curtains for industrial use must be individually adapted for the specific project.

That is why GELU-Frico through 30 years of experience have developed a complete range of industrial air curtains.



UF



HL - vertical



I Serie



HL - horizontel

# Cost efficient and energy saving



It has been proven that the best way of preventing air exchange in a door is with the under floor air curtain systems blowing from below upwards: From a 3x3 m size fast acting door up to a 6x6 m size rail entrance of a train service facility these air curtains work to save energy with the highest efficiency.

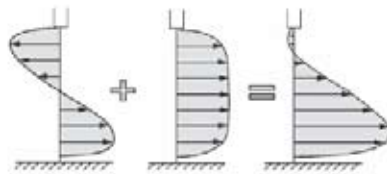
For entrances with people traffic, when under floor units cannot be utilised, intelligent horizontally mounted or vertically standing air curtain systems are designed.

Therefore additional heating is not always necessary: Independent measurements and investigations have shown that when doors are opened frequently and for short time periods an optimum hall temperature condition can be maintained without the use of heating.

Industrial air curtains do not just only mean air curtains for large doors but also air curtains specially selected to solve specific demands; i.e. screening of smoke or smells, separating different zones in a factory, insect barrier or drying.

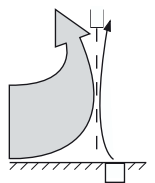
## Your opening

Airflow through an open door without air curtain. The amount of air that leaks out through an open door depends on differences in pressure and temperature between the indoor and outdoor air and the wind stress on the door.

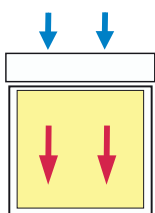


## ...our solution

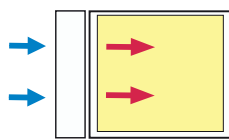
Air curtain systems blowing from below achieve the best protection in the critical zone, close to the floor.



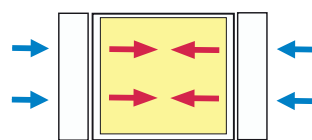
## Mounting possibilities



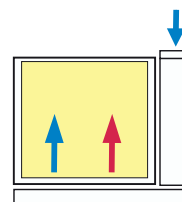
Horizontal



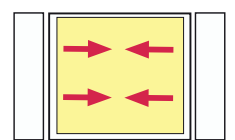
Vertical, one side



Vertical, two sides

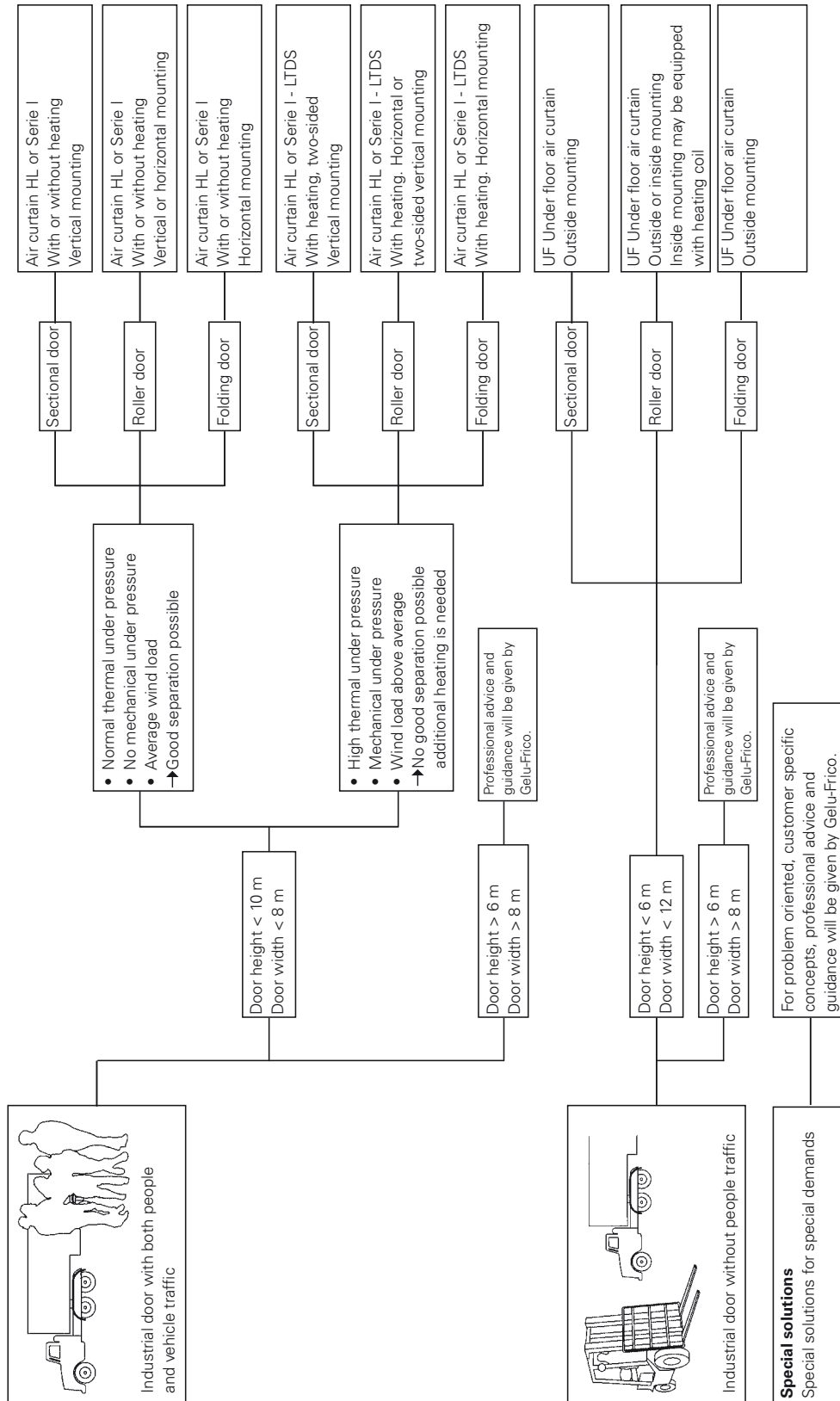


Under floor system



Vertical, tangential

# Road map to your air curtain



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