

Comfortline Automatic Doors

Revolving door air curtain



Energy savings with comfort

Revolving door and air curtain

- *the energy efficient symbiosis*

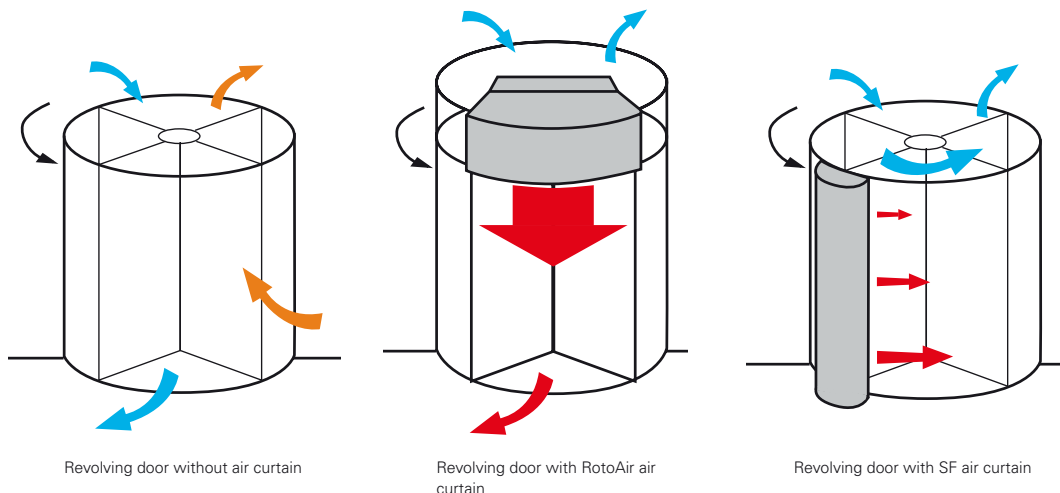
Revolving doors and air curtain systems - paradoxical and yet a practical and effective unit, as experience has shown.

When the degree of efficiency of the air curtain reaches its limit, for instance due to extreme overpressure in the building or due to a location with a strong exposure to wind, revolving doors are often utilised. These are intended to avoid uncomfortable draft situations in the entrance area and the coinciding loss of energy. However, the revolving

door can only fulfil these tasks to a certain extent: It interrupts the direct connection between the inside and outside, but only until the first person passes through the door.

Although the revolving door will ward off the wind pressure, the revolving action of the door will move a certain amount of cold outside air into the building.

RotoAir and the SF air curtain prevent the cold air from leaving the revolving door and provide good heating comfort and the opportunity to make use of the floor space close to the opening.



RotoAir and SF – an intelligent concept



RotoAir

Technical horizontal mounting integrated in the revolving door.

RotoAir

Air curtain systems are the optimal concept for entrances with integrated revolving doors. Only the discreet air outlets are visible. RotoAir units are built with a door specific radius and in the chosen colour scheme or are made to match the material quality of the door design.

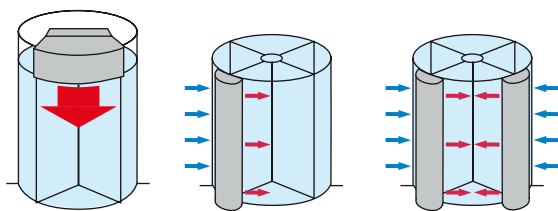


SF

Vertically mounted and modified to match the design of the door.

SF

Air curtain systems are practical combinations of design and optimal technical function. The air curtain is mounted vertically and its design is modified to match the door radius. As vertically mounted units with a high volume flow in the lower unit area, SF-units offer increased protection in the critical floor area. With their various colour designs and material qualities, SF-units are made to match the door design.



Revolving door
Horizontal

Revolving door
Vertical, one side

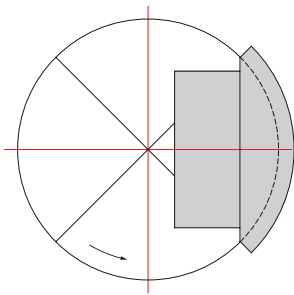
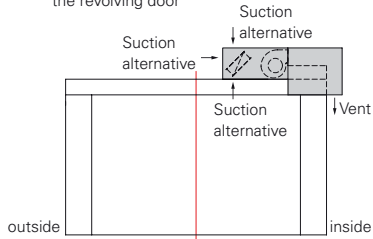
Revolving door
Vertical, two sides



RotoAir construction possibilities

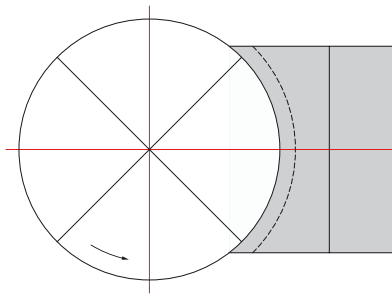
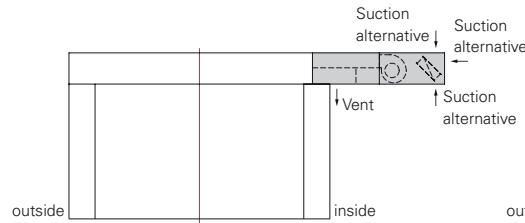
Type R-I-DT

Interior air curtain - construction integrated in the revolving door



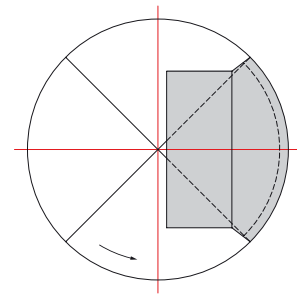
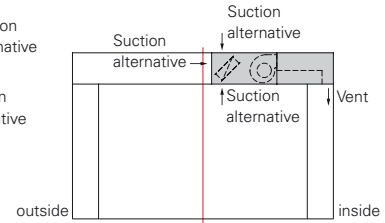
Type R-A

Interior air curtain - external mounting



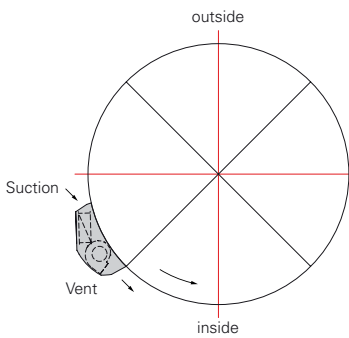
Type TI-DT

Air curtain on the inside of the door

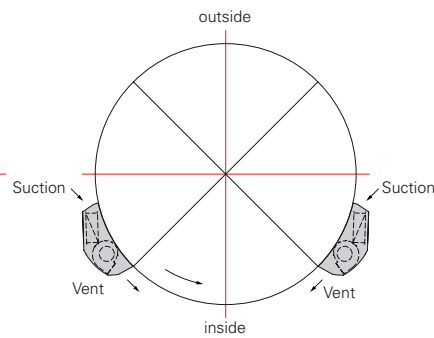


SF construction possibilities

Single side mounting

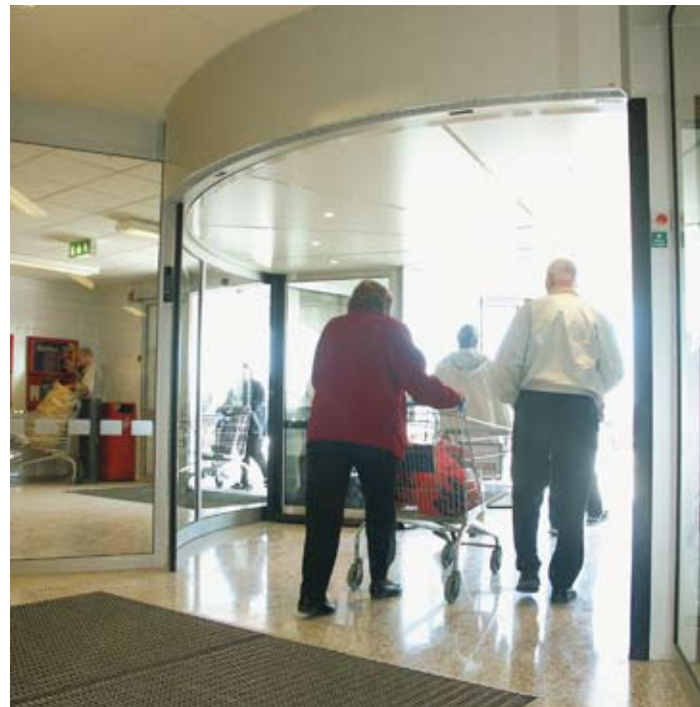


Mounting on both sides



Additional solutions

The stylish upright air curtains from the Comfortline Design line, with either a round or oval construction, can be utilised for revolving doors.



Frico AB

Box 102 · 433 22 Partille, Sweden
Tel.: +46 31 336 86 00, Fax: +46 31 26 28 60
mailbox@frico.se · www.gelu-frico.com

Frico GmbH

Dieselstraße 4 · 73278 Schlierbach, Germany
Tel: +49 7021 97003-0, Fax: +49 7021 76841
info@gelu-frico.de · www.gelu-frico.com