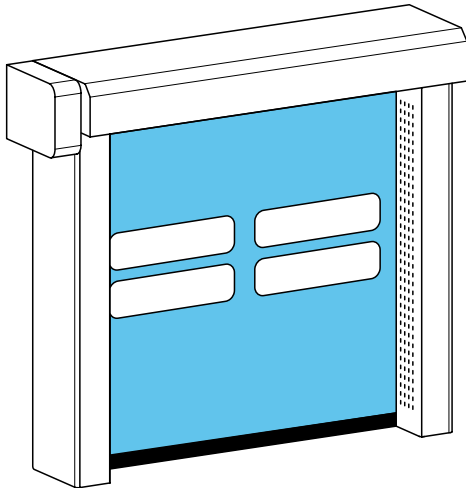


Air flex

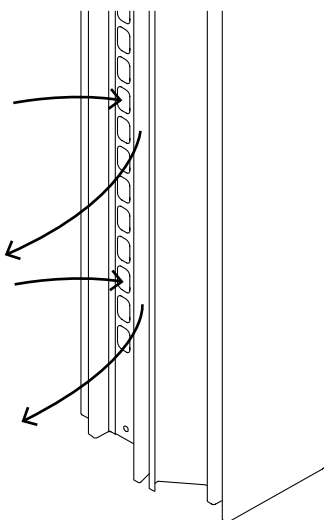
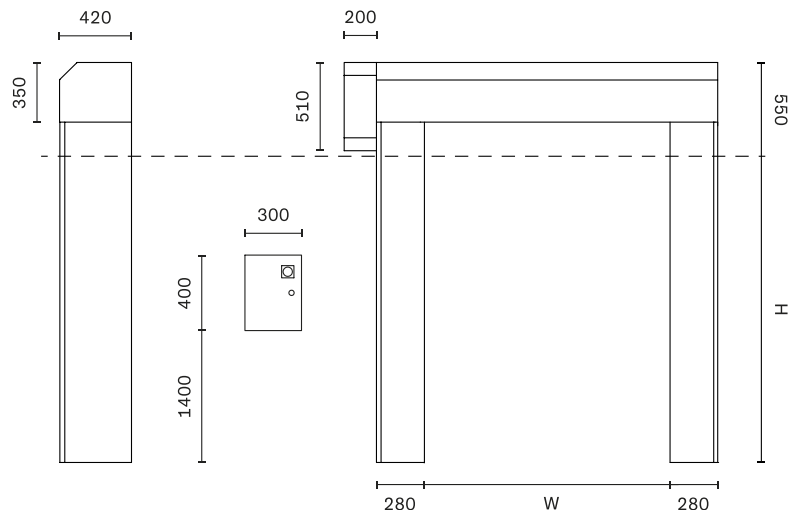


- ❶ Physical separation between rooms, even when the door is open, by means of a horizontal air blade.
- ❷ Modular ventilation units, built-within the frame of the posts.
- ❸ The airflow is channelled, through a special suction grid, predisposed in the columns.
- ❹ Perfect protection against the entry of small volatiles, insects, and as barrier for viruses and bacteria.
- ❺ Different types of air flow able to meet various needs, from standard environment to special applications for refrigerated rooms or clean rooms.
- ❻ Availability of ventilation with heated air, as a thermal barrier for refrigerated areas.
- ❼ Availability of structures made in stainless-steel, and FDA certified fabric, approved for food applications.
- ❽ Availability of touchless controls, suitable for sterile environments due to the degree of tightness and ease of cleaning.

Air flex Self-repairing rapid roll-up door designed for use in special environments that require physical separation even when the curtain is open. The separation is achieved by means of a horizontal air flow which is activated when the opening movement starts and runs until the door is completely closed.

The airflow is blown by ventilation units inserted inside the posts and is drawn in by special slots arranged on the opposite door post.

Various solutions are available, specifically designed for different technological and environmental needs. The functionality of physical and thermal insulation together with the modular dimensioning of the air blowers guarantee noticeable thermal and economical savings.



Technical features

| | |
|--------------------------------|--|
| Maximum dimensions | 4500 × H 4500 mm |
| Maximum speed | Up to 2 m/s |
| Operating temperature range | -10°C ÷ +50°C |
| Optional heated guides/motor | For coldrooms applications |
| Standard curtain coated in PVC | 1100g/m ² |
| Optional curtain | Food grade (FDA) |
| Frame | Galvanised or Stainless steel AISI 441 – AISI 316 |
| Optional frame | Acciai Inox AISI 441 o AISI 316 |
| Motor position | Lateral |
| Working life | 1 million cycles |
| Duty cycle | 3 cycles/min |