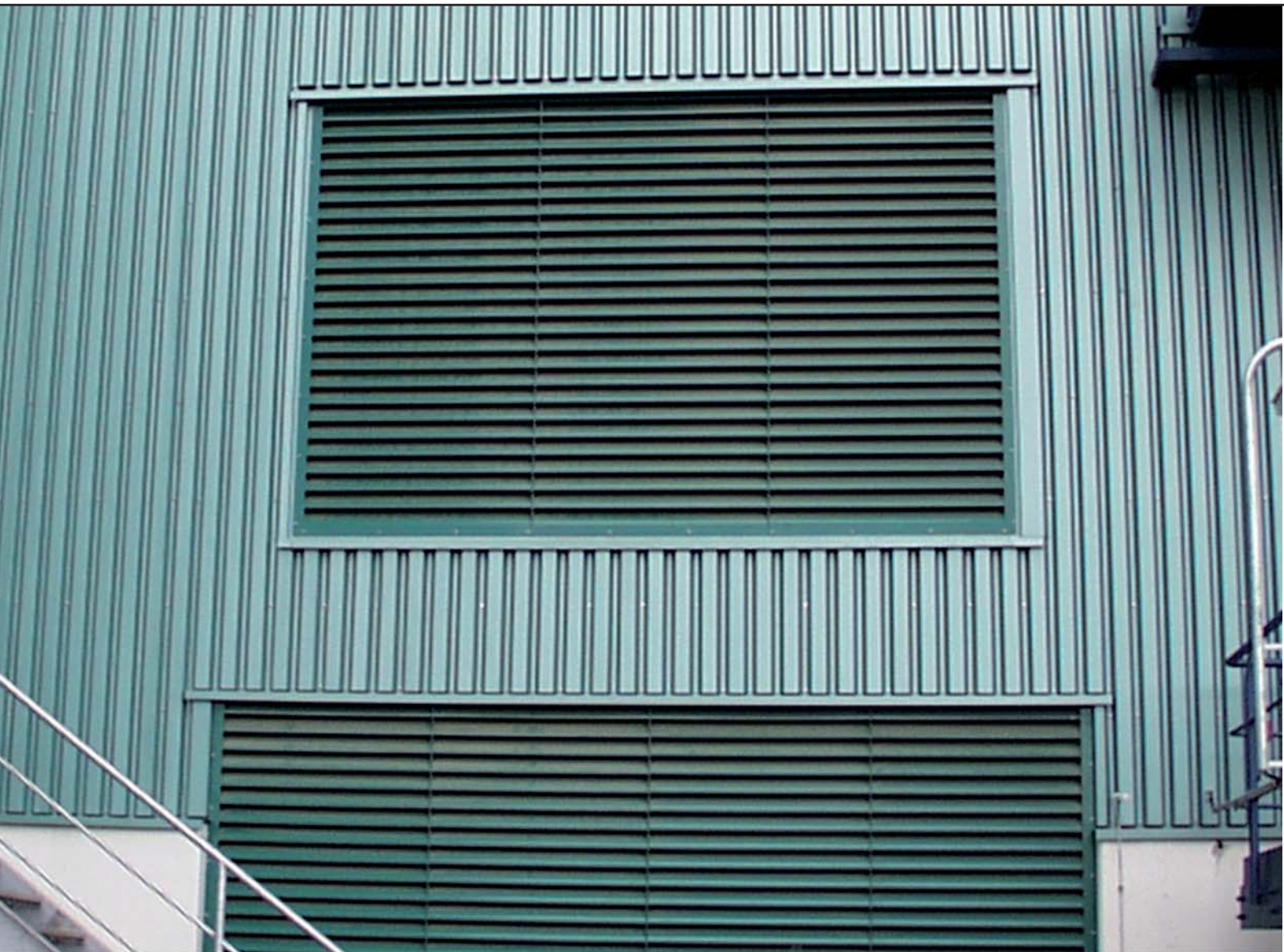




Information about AIRJET



Large illustration: AIRJET as an air inlet unit.



Overlapping louvres in an AIRJET



AIRJET closes by strong winds



AIRJET mounted in a wall

Information about AIRJET

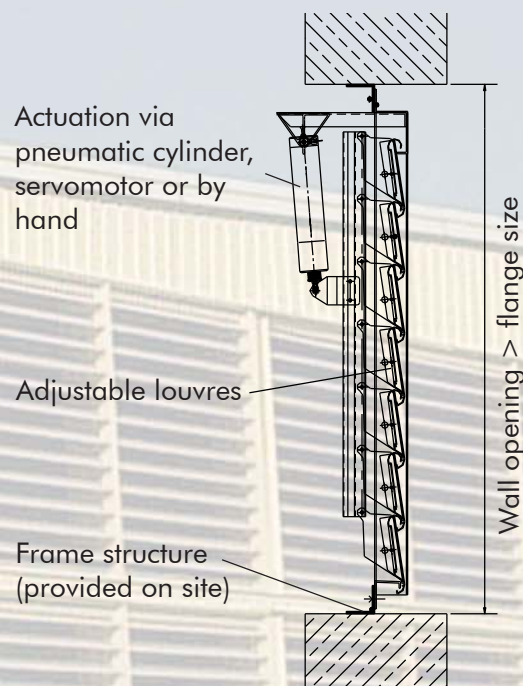
The AIRJET is an air inlet louvre for natural ventilation. It can be installed in all common wall types. It may, however, only be installed in vertical walls with the louvres arranged horizontally.

Advantages:

- Individually adaptable to any building for wall openings up to 5.46 m²
- Robust pivot-point design (tested with 30,000 load cycles)
- Good aerodynamic efficiency
- Suitable for day-to-day ventilation as well as for air supply in smoke-and-heat-extraction applications (full ventilation at a louvre position of 85°)
- Can be fitted with splitter attenuators
- Powder coating allows individual choice of colours
- Low maintenance due to simple and robust design

Design characteristics:

The AIRJET frame is made of aluminium alloy (AlMg3). The louvre blades are made of extruded aluminium profiles (AlMg Si05 F22). The AIRJET can be installed in front of or in the façade. The drawing opposite shows the installation in a wall.



Drive & actuation:

The unit can be opened either by a pneumatic cylinder, an electric motor or by hand. In the case of pneumatic actuation, a pneumatic cylinder opens the louvres (working pressure = min. 6 bar), and two tension springs close them automatically when the pressure drops. The electric motor works in both directions to open and close the louvres. In the case of manual and electric operation, the louvres can be set to any position.

Sizes:

The AIRJET can be manufactured in all widths from 500 to 2,000 mm. The unit length results from the number of individual louvre blades with a length of 133 mm. It is limited to 20 louvre blades = 2,732 mm roof opening.