



Plate mounted axial fans type PLATE-S

Plate mounted axial fan with compact motor

The range consists of 8 sizes with impeller diameter from 300 up to 700 mm

Application

- **PLATE-S** fans are ideal for large capacities with low pressures, in applications for wall or panel fixing f.e. ventilation of industrial and commercial buildings, car parks, stockfarms, or in the cooling of electric and refrigerating equipments, etc.

Construction

- Supporting frame with wide shaped inlet in corrosion proof material or protected against the atmospheric agents
- Motors support and safety grid, in steel rod, manufactured in accordance with UNI EN 294
- Execution 5 - impeller directly coupled to motor shaft
- Conveyed air: clean, not abrasive
- Temperature of conveyed air: -20°C / +50°C
- Air flow from motor to impeller

Fan/Impeller

- High efficiency airfoil blades in plastic material and hub in die-cast aluminum alloy
- Variable pitch angle
- Balancing according to UNI ISO 1940

Motor

- Asynchronous electric motor three or single phase with thermal protection, speed adjustable, protection IP 55, class F insulated, service S1
- Voltage: three-phase version (T) 400V-3Ph
single-phase version (M) 230V-1Ph
- Frequency: 50Hz

Features and benefits

- The main benefits of **PLATE-S** fans are the extreme compactness, due to the reduced protrusion of the electric motor; the perfect adjustability of speed, with reduced noise (electric hums) and consumption of current. This is due to the compact motor (without cooling fan) designed to be used exclusively in axial fans

Options

- Version with die-cast aluminum blades
- Version with air flow from impeller to motor

