

Brucker Technical Bulletin



SYSTEMAIR

PARKING GARAGES

Even underground parking has specific ventilation requirements, and it is important to select the right equipment to exhaust bad gases such as carbon monoxide and nitrogen oxide. Traditionally ducted systems can occupy a lot of space while SystemAir jet fans can take up less than 0.5% of the ceiling area. The system includes a main panel for fan control, sensors, and a gas detection system. Normal ventilation mode will enable the fans based on a CO set point, timers, or occupancy schedule (via BMS). Smoke extraction will be enabled during a fire where all fans will be enabled.



AJR

This model is ideal for daily ventilation requirements.

- Symmetrical impeller blades that are 100% reversible
- Quiet
- Galvanized steel



IV

This model is ideal for low ceiling heights.

- Radial impeller for max thrust
- Quiet
- Galvanized steel
- EC option available

BENEFITS

- Low operating cost
- Competitive initial investment
- Improves air quality
- Simple installation & commissioning
- User-friendly
- One control system
- Easy to maintain
- Achieve up to 80% energy savings compared to traditional systems!
- CFD Analysis Available



www.systemair.com/us