Radial blower

# EC Blower

Tailor-made for your individual needs

Powerful blowers are crucial components and of the highest importance for the performance. Spheros favours EC blowers for its systems. These offer numerous advantages over brush blowers, such as high airflow against counterpressure, soft start and very long life. Particularly due to their optimized life cycle costs, Spheros EC blowers present an interesting economic solution for all air conditioners.

# Spheros EC blower

## EC premium blower

### Highlights

- Meets all technical requirements of the premium class
- Diagnostic output
- Electronic polarity-reversal protection
- Additional inverse analog input

### Technical data

- Temperature range: –40°C to +85°C
- Noise level: 70 dBA
- Voltage range: 19 V to 32 V
- Air flow rate: 1,075 m³/h (free blowing)

## EC standard blower

### Highlights

- Suitable for the standard class
- Optimum price-performance ratio
- Available for the Spheros standard air conditioner series and Wabco and Globus regulation systems

### Technical data

- Temperature range: –40°C to +85°C
- Noise level: < 70 dBA
- Nominal voltage: 26 V
- Air flow rate: 1,075 m³/h (free blowing)

## EC retrofit blower

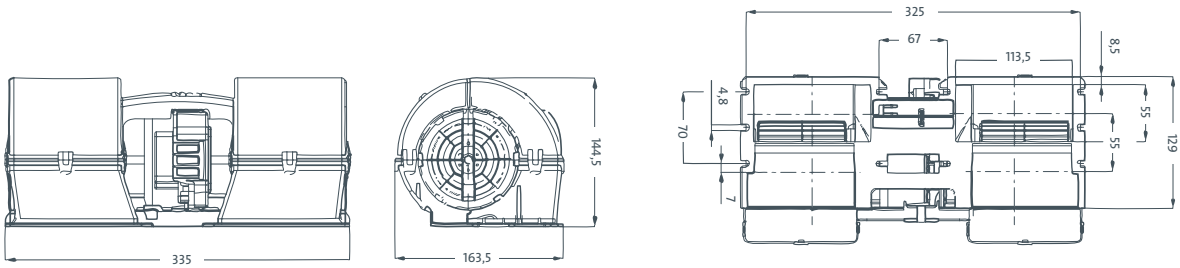
### Highlights

- Designed for the retrofit market: replacement of standard brush blowers by EC blowers
- Suitable for all Spheros air conditioners due to adapted air flow characteristics

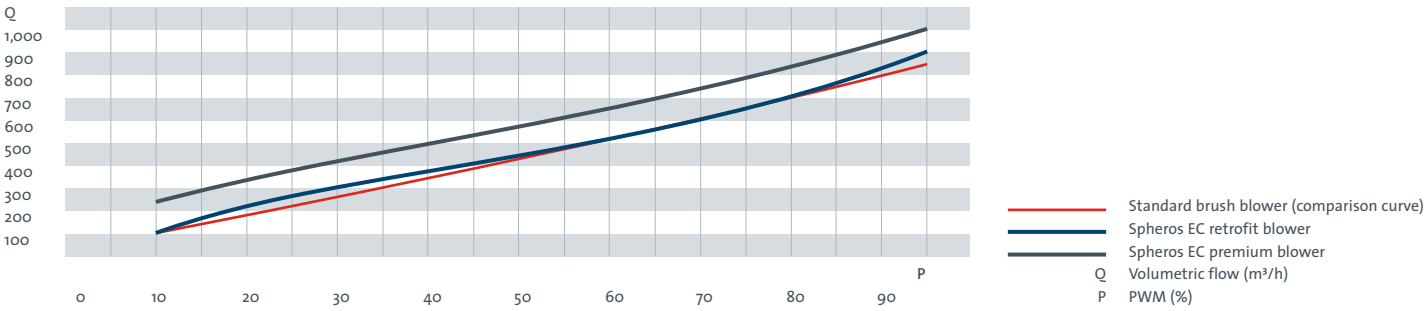
### Technical data

- Temperature range: –40°C to +85°C
- Noise level: 67 dBA
- Voltage range: 18 V to 32 V
- Air flow rate: 1,025 m³/h (free blowing)

Dimensions of the EC blowers




Air flow characteristics
Volumetric flow = f(PWM) through WP (working point) = 845 m³/h @ 200 PA

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