

# Fan Specifications

## Model EVOMF/200EC

**EVOAQ**  
for your Home & Health



### Fan Features

- High-flow and high-pressure fan
- EC 3-Phase DC motor
- Re-engineered for New Zealand
- Bearing life rated for 50000 hours
- Main body removal for easy install
- Constant variable airflow
- Low voltage (0-10V) PWM control
- Internal thermal management control

| MODEL                          | EVOMF/200EC         |
|--------------------------------|---------------------|
| <b>Fan Construction</b>        | ABS Plastic         |
| <b>Voltage</b>                 | 230 VAC             |
| <b>Frequency</b>               | 50 Hz               |
| <b>Peak Current (A)</b>        | 0.018 ~ 1.01        |
| <b>Fan Speed (RPM)</b>         | 500 ~ 3000          |
| <b>Air Flow (m³/hr)</b>        | 63 ~ 1250           |
| <b>Air Flow (L/s)</b>          | 17 ~ 348            |
| <b>Pressure (Pa)</b>           | 746                 |
| <b>Max Power (W)</b>           | 165                 |
| <b>Sound (dB(A) Av)</b>        | 38                  |
| <b>Max Operating Temp (°C)</b> | 60                  |
| <b>IP Rating</b>               | IP44                |
| <b>Climate Class</b>           | T                   |
| <b>Compliance</b>              | AS/NZS 60355.2.80 T |

ENERGY

EFFICIENCY

EVOAQ

EVOMF/200EC

A+

A

B

C

D

E

F

G

A

38

dB



1250

m³/hr

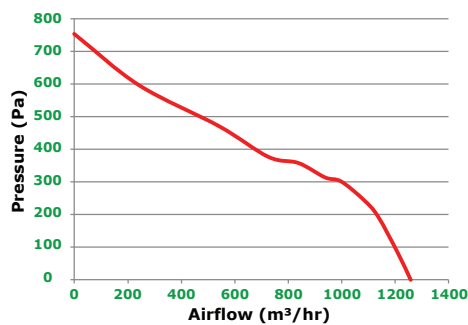


| Model       | Voltage (V/Hz) | Power (W) | Speed (RPM) | Airflow (m³/hr) |
|-------------|----------------|-----------|-------------|-----------------|
| EVOMF/200EC | 230/50         | 3 ~ 165   | 500 ~ 3000  | 63 ~ 1250       |

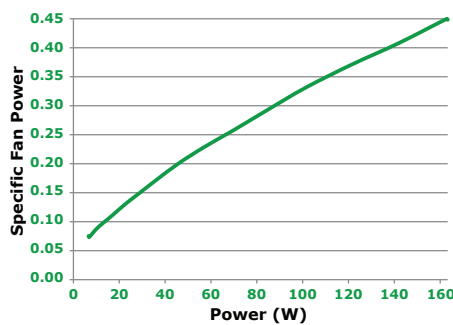
Specific Fan Power (SFP)

0.294 Watts per L/s

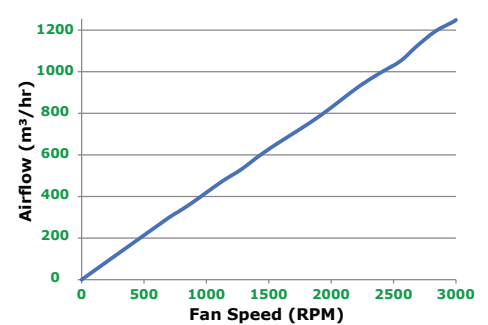
### Performance Curve



### Energy Curve



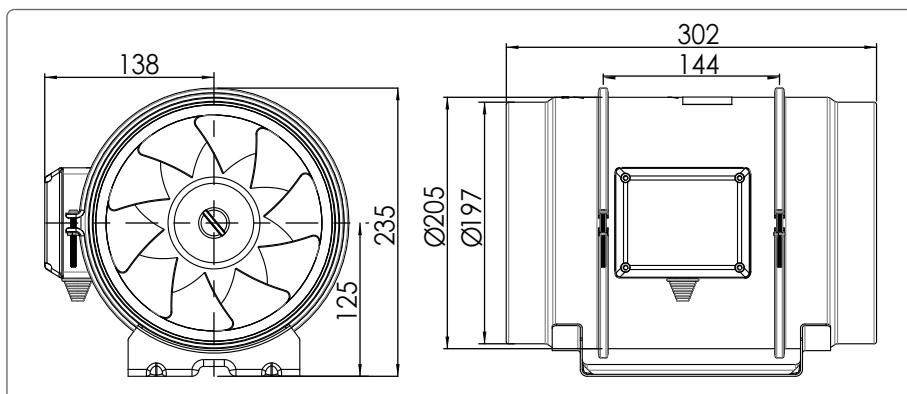
### Flow rates RPM



### Sound Performance Parameters

|          | dBa @ 3m | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total SPL |
|----------|----------|-------|--------|--------|--------|-------|-------|-------|-------|-----------|
| 500 RPM  | 21.9     | 38    | 37     | 39     | 37     | 38    | 35    | 30    | 30    | 45.4      |
| 1500 RPM | 28.3     | 38    | 40     | 41     | 45     | 48    | 44    | 32    | 33    | 51.8      |
| 3000 RPM | 39.8     | 49    | 49     | 57     | 59     | 57    | 52    | 47    | 42    | 63.3      |

### Fan Dimensions



For more information, visit [www.evoaq.co.nz](http://www.evoaq.co.nz)