Axial Fans plate mounted
**Warranty Guidelines**

The customer is responsible for the project design, selection and operation of the fans. The supplier gives warranty for faulty products, excluding further claims, in accordance with valid terms and conditions of business.

Warranty will not be given in the following instances:

(I) Unfitted or inappropriate usage, incorrect mounting or faulty installation by the purchaser or a third party, normal wear and tear, incorrect or negligent handling, improper maintenance, unsuitable operating material, unsuitable ground and chemical, electrochemical or electrical influence as long as they are not the responsibility of the supplier.

(II) If the goods delivered from the manufacturer are faulty, the customer has the right to receive a replacement or replacement of the faulty parts to the maximum value of the purchase price. The manufacturer also has the right to get the product repaired within a reasonable time period. The manufacturer must be informed immediately in the case of damage.

(III) The obligation to replace additional faults is herewith excluded. Our general terms of business are the basis for all further agreements for example: time periods to repair or replace. The general terms of business are available on our website www.rosenberg.eu or direct from one of our sales representatives.

**The Rosenberg Group**

Since the company’s foundation in 1981, Rosenberg Ventilation GmbH has developed into an important center for the heat, ventilation and air conditioning industry in Europe through the development and manufacturing of speed controllable external rotor motors, fans, blowers, air handling units, and motor speed control devices. Our aim is for high quality production backed by our top class service for our clients. Thus a continuous flow of information and good cooperation between you, dear customers, and us is important to jointly achieve a continuous evolution of our products and their quality.

Modern test chambers and equipment, as well as computer controlled production handled by self-responsible working teams are part of our philosophy, as the control of high quality and environmental protection measures.

60% of Rosenberg’s total revenue is in export sales. Currently Rosenberg has 240 employees at the company’s headquarter in Kunzelsau and more than 1,400 worldwide. Further production facilities are located in Glaubitz(GER), Waldmunchen (GER), Hungary, Czech Republic, Slovakia France, Italy and China.

Headquarter in Kunzelsau, Germany
Features and Construction
High efficiency axial fans are used wherever large air volumes must be conveyed again low up to medium pressure.

Impellers
The high efficiency axial fans have aerodynamically profiled blades (size 200 to 300) made from galvanized and lacquered from size 315 to 630-6 made of plastic and sizes 630-4 up to 1000 made if aluminium.

External rotor motors.

Electrical connection
The motors are fitted with an outgoing cable. The electrical connection can be made via an IP44 terminal box which is loose.

Noise level
The noise level given in the catalog are in dBA valued at fan outlet. The noise level stated are not AMCA certified.

Casing
The casings of high efficiency axial fans are made from galvanized sheet steel and are epoxy coated.

Air performance curves
Performance curves and technical specifications are based upon tests carried out in accordance to AMCA standard 210 by an independence laboratory.
The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Performance certified is for installation type A - Free inlet, Free outlet. Performance rating do not include the effects of appurtenances (accessories).
The curves are valid for air with a density of 1.2kg/m3 at a temperature of 20°C. The curves in this catalogue shows the increase of the static and the dynamic pressure in Pascal (Pa) as a function of the airflow in cubic meter per hour (m³/h).
Comparatively standards are ISO 5801, BS 848 Part 1 and DIN 24163.

Rosenberg East Asia Pte Ltd certifies that the EQ 200-4 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the the requirements of the AMCA Certified Ratings Program.
Technical Data:
Static Pressure (Pa)

Impeller speed 1380rpm
Maximum input power is 0.032 kW, 230V/1/50Hz
Performance certified is for installation type A
free inlet, free outlet.
Performance ratings do not include the effects
of appurtenances (accessories).

Speed (rpm) shown is nominal.
Performance is based on actual speed of test.

<table>
<thead>
<tr>
<th>Fan Type</th>
<th>Airflow (CMH)</th>
<th>Volt (V)</th>
<th>Freq (Hz)</th>
<th>Pwr (W)</th>
<th>Current (A)</th>
<th>Speed (rpm)</th>
<th>Capacitor (uF)</th>
<th>CL/IP</th>
<th>Noise dBA</th>
<th>Weight kg</th>
<th>Oper. Temp Min / Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQ 200-4</td>
<td>475</td>
<td>230</td>
<td>50</td>
<td>32</td>
<td>0.15</td>
<td>1380</td>
<td>1.5</td>
<td>F/44</td>
<td>50</td>
<td>3.5</td>
<td>-20 / +70 °C</td>
</tr>
</tbody>
</table>

Wiring diagram: 01.009
U₁ blue
U₂ black
Z brown
PE yellow-green

Dimensions: (all dimensions in mm)