



For the well being of drivers and passengers, our products ensure the ventilation and air conditioning of cabins. Their optimal air flow is adapted thanks to the control of their speed, thus favouring a high efficiency. Their low noise level also improves travel conditions.



Ventilation also provides efficient cooling and thus protects equipment, especially electronics, power units and ventilation drawers.

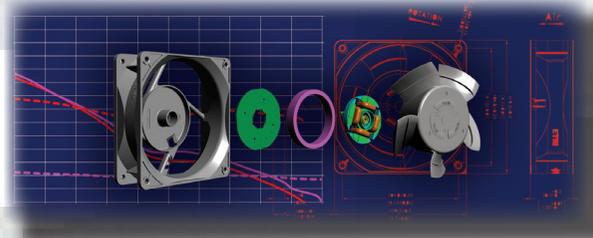
The insulation systems of our motors and the mechanical structure of our fans are specially adapted for railway applications. This reliability ensures a long service life of the installations and reduces maintenance interventions.



Our compact ventilation solutions are easy to install in any railway application.

Our fans are specially designed for each application. The following features can be differently defined : frequencies, voltages, working temperature, IP levels, impeller size.

ETRI – Etudes Techniques et Représentations Industrielles (Technical Design and Industrial Image) was created in 1945. It was at first only a design office. ETRI began in ventilation with air treatment in mines and has then extended its activity to many different application types. It has been taken over by ECOFIT in 2002. ECOFIT, which became ROSENBERG VENDÔME in 2020, is part of the ROSENBERG Group. We design, manufacture and sell electric motors and fans applications since 1976.



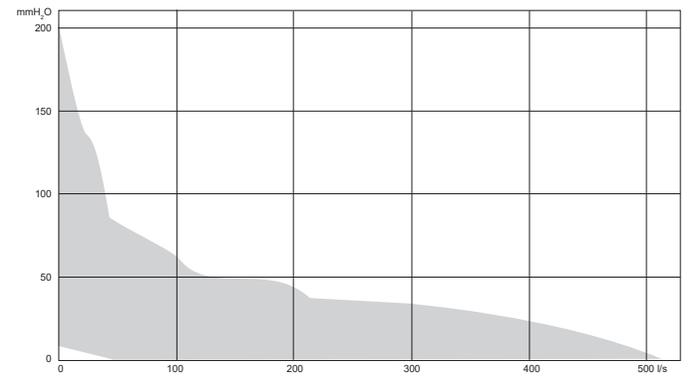
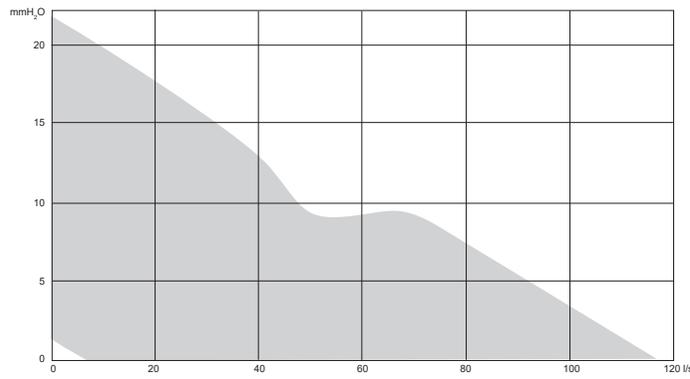
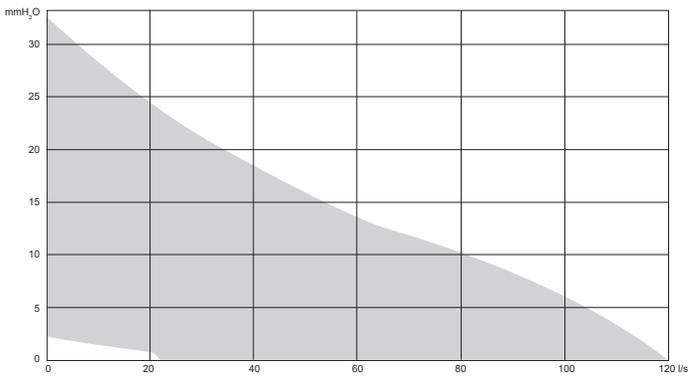
Thanks to a good comprehension of your project, our 70 years **KNOW-HOW**, and our **ADDED VALUE** as technical support, we validate and optimise together a **CUSTOMIZED** solution meeting outstanding **QUALITY** standards. Consult us right from the beginning of your design!

rosenberg
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FANS FOR RAILWAY





DC COMPACT AXIAL FANS

- 12, 24, 48, 72, 110VDC
 - 2 - 30W
 - 3000 - 6060 RPM
 - -40 / +70°C
 - IP20
- Options: speed sensor, alarm, salt spray protection, shocks and vibrations protection, other voltages, speeds, temperature range and IP levels



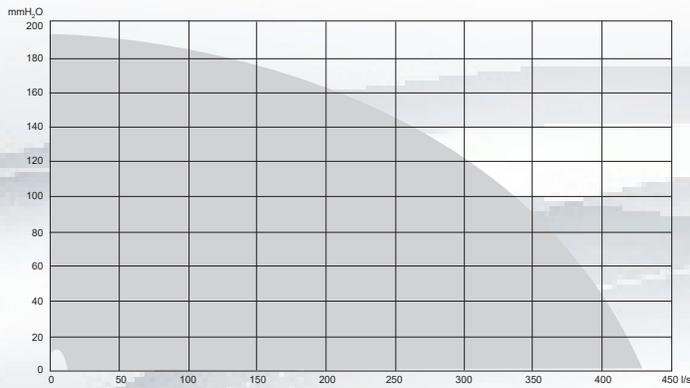
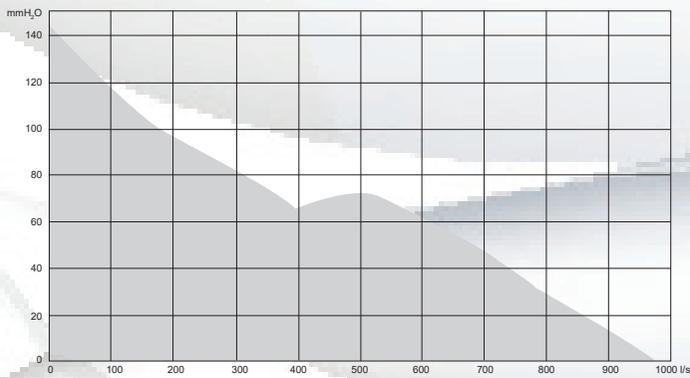
AC COMPACT AXIAL FANS

- 115 - 220VAC
 - 4 - 35W
 - 1300 - 3300 RPM
 - -54 / +100°C
 - IP20
- Options: speed sensor, salt spray protection, shocks and vibrations protection, other voltages, temperature range and IP levels



DC HIGH PERFORMANCE FANS

- 12, 24, 48, 72, 110VDC
 - 4 - 600W
 - 2900 - 23000 RPM
 - -40 / +85°C
 - Up to IP55
- Options: speed sensor, alarm, salt spray protection, shocks and vibrations protection, other voltages, speeds, temperature range and IP levels



AC HIGH PERFORMANCE FANS

- 110-127-220-380VAC
 - 16 - 640W
 - 1100 - 3490 RPM
 - -10 / +70°C
 - Up to IP42
- Options: speed sensor, salt spray protection, shocks and vibrations protection, other voltages, temperature range and IP levels



AC CENTRIFUGAL FANS

- 115-220-380VDC
 - 20 - 1550W
 - 2500 - 3300 RPM
 - -10 / +70°C
 - Up to IP40
- Options: speed sensor, salt spray protection, shocks and vibrations protection, other voltages, temperature range and IP levels



RAILWAY APPLICATIONS

- EQUIPMENT COOLING
- CABIN AIR CONDITIONING
- SMOKE EXTRACTION FOR PASSENGERS SAFETY
- HIGH POWER VENTILATION
- COOLING OF POWER RACKS
- WC VENTILATION