ECFanGrid Retrofit Kit

Kit de remplacement "ECFanGrid"

• Rosenberg is a European company with over 40 years of experience in the industrial ventilation and air conditioning market. We provide a strong and reliable partner with production sites and sales offices in 36 countries.

• Our fans have been successful in demanding applications such as Railways, Power plants, Heating and Ventilation.

Founded in 1981 in Germany, the Rosenberg Group designs, manufactures and sells external electric motors and fans. We are a strong and reliable partner with production sites and sales offices in 36 countries.

Our fans have been successfully used in demanding applications such as Railways, Power plants, Heating and Ventilation.

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Driven by our variable speed and energy efficient EC Motors, Rosenberg ECFanGrid delivers a compact solution. When we compare the space needed for the ECFanGrid to a single large blower, our system can save you up to 90%.

Our modular design is flexible and whether it is a 1x3, 2x3, or 3x3 ECFanGrid, we can tailor the system to your needs.

Our multiple fan systems deliver uniform air distribution. This increases the efficiency of downstream components like coils and filters. Using multiple fans in an ECFanGrid system vs. a single blower results in higher frequency sound levels which allow for smaller attenuators.

ECFanGrid Key Features:
• Plug & Play System
• Reliability with built in Redundancy
• Compact and Light Design
• Uniform Airflow
• Variable Speed Ready
• High Efficiency
• Less Low Frequency Noise
• Fits all AHU manufacturer's housings

Rosenberg offers three configurations of ECFanGrid:
1) New AHU equipment (Pic. 1)
2) Pre-engineered Retrofit kit (Pic. 2)
3) Unbox-installation kit self-contained EC Fan (Pic. 3)

When Redundancy is a requirement, one approach is to place a second identical system beside the operating unit. This is inefficient and doubles the cost while increasing the required footprint. However, if an ECFanGrid is used and one of the fans stops, the remaining fans automatically increase their speed to maintain the operating point until the fan can be replaced. This makes Rosenberg ECFanGrids a logical, efficient and cost-effective choice.

ECFanGrid.ca