rosenberg ECOFIT ETRI
THE AIR MOVEMENT GROUP

Air curtains
for industrial and commercial areas

Zerobox Ultimate
for installation in intermediate ceilings,
e. g. ventilation of commercial buildings

Tube fan
for installation in duct systems for
simple ventilation, e. g. in changing rooms

Unobox
for ventilation of residential,
commercial and industrial buildings

Kitchen exhaust box unit
for extraction of air containing fats,
e. g. commercial kitchens

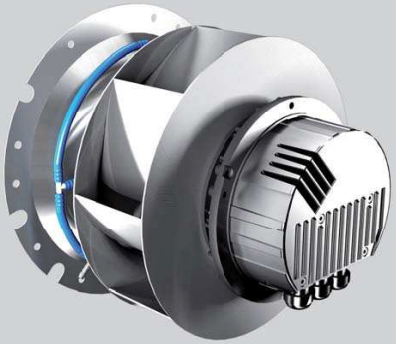
Switches and controllers
& electrical accessories
to actuate the fans economically

Our product range

Fans for OEM applications

Our fans have been successfully used in demanding applications on all continents since 1981 and cope with different requirements regarding resistance to mechanical shock, temperature range and power supply.

- **Application area: railway technology**
  Specially designed fans are installed in underground and overground trains, in regional and high speed trains to cool the drive motors, transformers, and electronic components. They are installed in the air handling units.
- **Application area: wind power**
  A modified design of the Rosenberg axial and centrifugal fans are used for the reliable cooling of generators and switchboards in modern wind energy plants.
- **Application area: refrigeration and air conditioning**
  Rosenberg axial fans are used in condensers, coolers and evaporators.
- **Application area: air handling units**
  Rosenberg fans with either free-running impellers, belt-driven fans or direct-driven fans are used in air handling units.
- **Application area: filter technology**
  Rosenberg fans are used in modern filter plants for optimal product processes.
- **Application area: electronic cooling**
  Rosenberg fans are used for optimal and efficient heat removal or for cooling switch boards, power electronics or electronic control.



Free-running impeller
Used as a supply fan in air handling units
in railway passenger compartments

Specially designed centrifugal fan
Used in wind power plants for
generator cooling

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Free-running impeller
For use in air handling units

Axial fan for cooling
For use in chillers

Special design centrifugal fan
For use as a supply fan in air handling units in railway drivers' cab

Our strength - your advantage

- customised development, project specific test facility measurement and quick delivery of functional samples
- creation of standardised "product families" and optimised technical solutions for the respective application
- customer support throughout the whole project: from quotation, project planning, design, production and after sales service

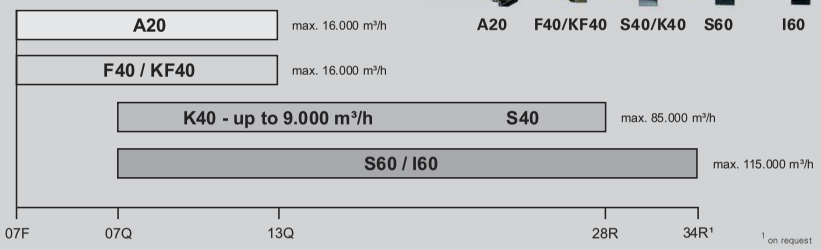
Our product range

Air handling units in flat, compact and modular configuration

Energieeffizienzklasse A+

We offer a wide range of complete solutions for air conditioning technology. Both in the high-tech area and in conventional building services engineering, Rosenberg air handling units provide clean ambient air at the correct temperature. The air conditioning and ventilation units are designed according to the modular principle and can be simply and individually combined. Weather- and explosion-proof designs are also available as well as RLT hygiene-certified variations. Our air handling units meet the energy efficiency class A+ and fulfil the highest requirements of cost-effectiveness and quality.

- **Airbox air handling units in modular configuration (Series A20, S40, S60, K60)**
  The units consist of a frame construction with double-glazed soundproofed and heat-insulated panels. The single modules for filter, fan, heater, cooler, heat recovery, sound absorption, as well as frame materials, are put together flexibly according to the customers´ requirement.
- **Frameless air handling units in flat configuration (Series F40)**
  These are especially suitable for installation in false ceilings of buildings.
- **Air handling unit in compact configuration (Series KF40 frameless, K40)**
  This is a space-saving complete ventilation solution in one unit and is ideal for sales rooms or residential buildings, simple Plug & Play connection, equipped with energy-saving EC technology.



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Supply air unit A20 Series
Airbox in modular configuration

Ventilation controllers
For economic control of air handling units

Wall thickness	20mm	40mm		40mm	40mm	60mm	60mm
Frame	3,0mm Aluminium	Frameless		1,5mm galvanised steel / V2A		1,5mm galvanised steel	1,5mm galvanised steel and thermally decoupled
Type	A20	F40	KF40	S40	K40	S60	I60
Compact units			✓		✓		
Installation indoors	✓	✓	✓	✓	✓	✓	✓
Weather proof design				✓	✓	✓	✓
Hygiene design according to VDI 6022-1		✓	✓	✓	✓	✓	✓
Hygiene design with certificate (DIN 1946-4)				✓			
Hygiene design with certificate (ILH)				✓	✓	✓	✓
Explosion proof design	2G, 3G			2G, 3G (2D, 3D)[1]		2G, 3G (2D, 3D)[1]	
Swimming pool design							Galvanised steel plastic coated, AlMg3, V4A
Direct lighting				✓		✓	
Vertical ventilation duct	✓	✓	✓	✓	✓	✓	✓
Energy label according to RLT-Herstellerverband		✓	✓	✓	✓	✓	✓
EUROVENT				✓	✓		

[1] on request

Our references

Air conditioning and ventilating technology worldwide in use

Germany

Volkswagen	Dresden	Landeskrankenhaus	Bernburg
Daimler Chrysler	Rastatt	Parkkrankenhaus Leipzig	Leipzig
Geothermie	Unterhaching	Klinik Löwenstein	Löwenstein
Siemens	Coburg	High Tech Klinik	Nuremberg
Nestlé	Berlin	Technologiepark FFO	Berlin
Coca Cola	Weimar	Sparda Bank	Nuremberg
Mast Jägermeister	Wolfenbüttel	Volksbank	Viersen
Schott AG	Jena	UVEX	Fürth
Hotel Bellevue	Dresden	Rockwool	Flechtlingen
Hotel Steigenberger	Stuttgart	Rhein Chemie	Mannheim
Beisheim Center	Berlin	EKO Stahlwerk	Eisenhüttenstadt
Deutsche Oper	Berlin	Tank & Rast	Nuremberg
Coselpalais	Dresden	PUMA	Herzogenaurach
Universitätsklinik	Erlangen	Adidas	Herzogenaurach
Virologie-Uni Köln	Cologne	OBI	Forchheim