

WHY COMPOSITE?

It is our vision that circularity starts with extending the lifespan of our air handling units. After all, this provides a longer service life (under similar conditions) which is always better than replacement by new products.

Liberty air handling units are made of composite. This results in air handling units that are cold bridge-free, strong and lightweight. They are designed to last extremely long, even in the most corrosive environment: CX extreme.

Most metals will rust immediately upon exposure to the environment. This is a natural process that can be prevented by unnatural coating or environmentally harmful galvanising or coating. Composite is completely corrosion resistant and therefore does not require any surface treatment. Choosing composite minimizes our carbon footprint by at least 54%, compared to metal.

(P)

LIBERTY AIR HANDLING UNITS:
SUSTAINABLE SOLUTIONS ENGINEERED
FOR DURABILITY, EVEN IN THE MOST
DEMANDING CIRCUMSTANCES.





CLIMATE NEUTRAL

In order to guarantee well-designed and efficient air handling units, we are EUROVENT certified. This enables us to design with certified and minimal energy consumption, along with the corresponding reduction in CO₂ emissions.

"THE CARBON FOOTPRINT OF COMPOSITE IS MORE THAN HALF (54%!) LOWER THAN METAL."

Source: EUCia

Thanks to our focus on energy use, we are able to exceed the European Ecodesign legislation 1253/2014, resulting in lower energy use and associated lower CO₂ emissions: essential for achieving climate neutrality. Helping you with these energy-conscious decisions, we can support you with detailed Life Cycle Cost calculations.

Our modular designs allow for easy adjustments and partial replacements, providing flexibility for renovations and extending the lifespan of your installation.

The hygienic inner wall is composed of 80% granules from recycled consumer and industrial waste (PCR/PET), compliant with legislation (EC) 1935/2004 and (EU) No 10/2011.

Our knowledge center is dedicated to enhancing circularity and increasing the use of sustainable materials.





ABOUT US

Since our start in 1983, we have supplied a wide range of fans. After the successful introduction of composite roof fans, we started developing and producing the Liberty product line: our unique series of fully composite air handling units. The Liberty air handling units are successfully used in our Dutch home market and abroad in both new construction and renovation projects. In addition to the chemical and food industry, we are also strongly represented in non-residential construction, swimming pools and healthcare and educational institutions.

Our company pays a lot of attention to quality and innovation. We hold relevant certifications for this purpose, including ISO 9001 and Eurovent. With the use of our own assembly and production lines, custom-built is possible. By continuously developing products, investing in employee expertise and considering customer feedback, we are able to supply the market with energy-saving solutions that are designed and built to last.

Since 2023, we have become a subsidiary of the HC Groep, market leader in the field of indoor climate technology in the Netherlands.

ELANDLAAN 8 3734 CP DEN DOLDER THE NETHERLANDS

T+31 (0)30 274 82 82 EXPORT@LIBERTY-AHU.COM

WWW.ROSENBERG.NL/EN





PLEASE TRY OUR ONLINE SELECTION TOOL!

