LIBERTY AIR HANDLING UNITS & CIRCULARITY

SUSTAINABLE TECHNOLOGY FOR FUTURE GENERATIONS

LIBERTY
by rosenberg nL

WHY COMPOSITE?

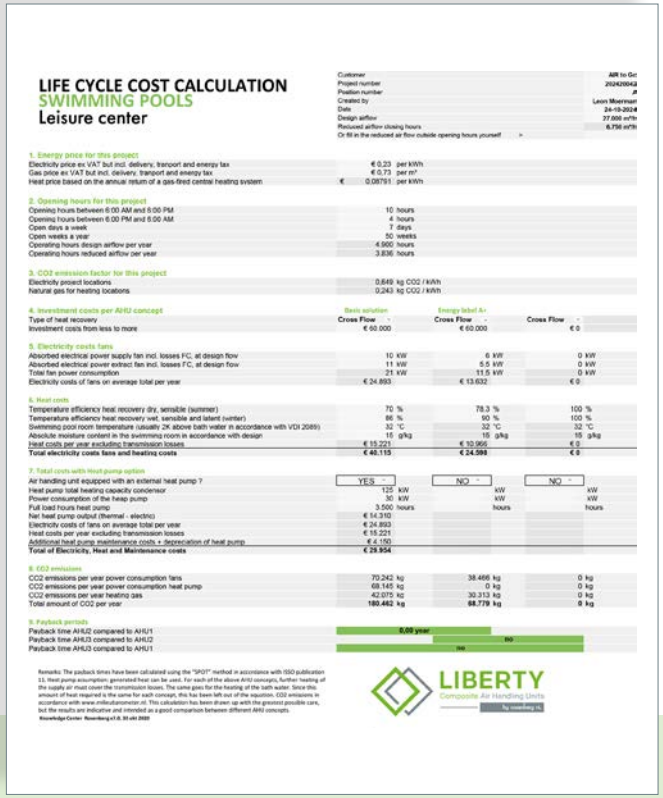
It is our vision that circularity starts with extending the lifespan of our air handling units. After all, this provides a longer service life (under similar conditions) which is always better than replacement by new products.

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.

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

FIRST CLASS PERFORMANCES	
THERMAL TRANSMISSION	T1
THERMAL COLD BRIDGE	TB1
MECHANICAL STRENGTH	D1
AIR TIGHTNESS	L1
FILTER BYPASS LEAKAGE	F9



LIFE CYCLE COST CALCULATION
SWIMMING POOLS
Leisure center

LIBERTY
Composite Air Handling Units

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 CO_2 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 CO_2 emissions: essential for achieving climate neutrality. Helping you with these energy-conscious decisions, we can support you with detailed Life Cycle Cost calculations.

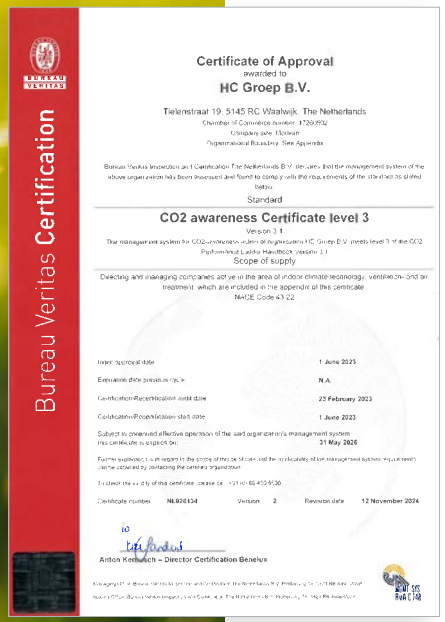
MATERIALS

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.

THE UP TO 40% LOWER WEIGHT HAS A POSITIVE EFFECT THROUGHOUT THE CHAIN.


Bureau Veritas Certification

Certificate of Approval
awarded to
HC Groep B.V.

Tielenstraat 19, 5145 RC Waalwijk, The Netherlands
Chamber of Commerce number: 17269552
Company size: 150+fte
Organizational Boundary: See Appendix

Bureau Veritas Inspection and Certification The Netherlands B.V. declares that the management system of the above organization has been assessed and found to comply with the requirements of the standard as stated below:

Standard

CO2 awareness Certificate level 3
Version 3.1

The management system for CO2-awareness system of organization HC Groep B.V. meets level 3 of the CO2 Performance Ladder Handbook Version 3.1

Scope of supply

Detecting and managing companies active in the area of indoor climate technology, ventilation and air treatment, which are included in the appendix of this certificate
NACE Code 43.22

Initial approval date	1 June 2023
Expiration date previous cycle	N.A.
Re-/Initial/Recertification audit date	23 February 2023
Certification/Recertification start date	1 June 2023
Subject to governed effective operation of the said organization's management system this certificate is expires on:	31 May 2026

Further explanation is in regard to the scope of this certificate and the applicability of the management system requirements can be obtained by contacting the certified organization.

To check the validity of this certificate please call: +31 (0) 88 272 9536

Certificate number: NL926134 Version: 2 Revision date: 12 November 2024

Anton Kerkvliet – Director Certification Benelux

Management of Bureau Veritas Certification Holding The Netherlands B.V. Piekstraat 71, 3071 EL Rotterdam, The Netherlands

Bureau Veritas Inspection and Certification The Netherlands B.V. Piekstraat 71, 3071 EL Rotterdam, The Netherlands

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.

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