



ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025

Lo-Carbon Econiq
Volution Ventilation



EPD HUB, HUB-4128

Published on 10.10.2025, last updated on 10.10.2025, valid until 10.10.2030

Life Cycle Assessment study has been performed in accordance with the requirements of EN 15804, EPD Hub PCR version 1.2 (24 Mar 2025) and JRC characterization factors EF 3.1.

GENERAL INFORMATION

MANUFACTURER

| | |
|-----------------|---|
| Manufacturer | Volution Ventilation |
| Address | Fleming Way, CRAWLEY, West Sussex, RH10 9YX |
| Contact details | EPD@volution-group.co.uk |
| Website | https://www.volutiongroupplc.com/ |

EPD STANDARDS, SCOPE AND VERIFICATION

| | |
|--------------------|--|
| Program operator | EPD Hub, hub@epdhub.com |
| Reference standard | EN 15804:2012+A2:2019/AC:2021 and ISO 14025 |
| PCR | EPD Hub Core PCR Version 1.2, 24 Mar 2025 |
| Sector | Manufactured product |
| Category of EPD | Third party verified EPD |
| Scope of the EPD | Cradle to gate with options, A4-B7, and modules C1-C4, D |
| EPD author | Andrew Jackson, Volution Ventilation. |
| EPD verification | Independent verification of this EPD and data, according to ISO 14025: <input type="checkbox"/> Internal verification <input checked="" type="checkbox"/> External verification |
| EPD verifier | Imane Uald Lamkaddam as an authorized verifier for EPD Hub |

This EPD is intended for business-to-business and/or business-to-consumer communication. The manufacturer has the sole ownership, liability, and responsibility for the EPD. EPDs within the same product category but from different programs may not be comparable. EPDs of construction products

may not be comparable if they do not comply with EN 15804 and if they are not compared in a building context.

PRODUCT

| | |
|---------------------------------------|--------------------------|
| Product name | Lo-Carbon Econiq |
| Additional labels | - |
| Product reference | See Annex 1 |
| Place(s) of raw material origin | UK, China, Europe |
| Place of production | Dudley, United Kingdom |
| Place(s) of installation and use | UK, Europe |
| Period for data | 01-09-2024 to 31-08-2025 |
| Averaging in EPD | No grouping |
| Variation in GWP-fossil for A1-A3 (%) | - |
| GTIN (Global Trade Item Number) | See Annex 1 |
| A1-A3 Specific data (%) | 2.29 |

ENVIRONMENTAL DATA SUMMARY

| | |
|---|----------|
| Declared unit | 1 Unit |
| Declared unit mass | 27.7 kg |
| GWP-fossil, A1-A3 (kgCO ₂ e) | 2.90E+02 |
| GWP-total, A1-A3 (kgCO ₂ e) | 2.80E+02 |
| Secondary material, inputs (%) | 6.22 |
| Secondary material, outputs (%) | 20.3 |
| Total energy use, A1-A3 (kWh) | 1170 |
| Net freshwater use, A1-A3 (m ³) | 2.59 |

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

Founded in 1936, Vent-Axia improves the indoor environment by providing ventilation solutions across the Residential and commercial New build, Repair and maintenance segments of the UK construction market with a focus in Private and Public housing, New Build developments and Commercial and Industrial buildings. In December 2002, Volution Group was formed through a buy-out. In June 2014 Volution Group PLC became a listed company on the London Stock Exchange (LSE: FAN). Volution have acquired many brands over the years in the UK, mainland Europe, Australia and New Zealand.

PRODUCT DESCRIPTION

The Lo-Carbon Sentinel Econiq is our flagship mechanical ventilation with heat recovery system. Designed and developed in the UK, it offers the highest level of comfort and functionality all year round. Introducing a full range of products, with air performance suitable for all types of homes, the new Sentinel-X wireless controls platform delivers complete control over the home environment, provided through a full range of wired/wireless sensors and a smartphone app. The highly sculpted interior surfaces, designed using the latest CFD techniques, ensure airflows are maximised through the unit, minimising noise and energy use. This feature alone provides an experience, that will delight homeowners, providing the most discrete and highly efficient ventilation available. The MVHR filter options offer numerous benefits, including improved indoor air quality by removing allergens and particulate matter. They maintain the system's energy efficiency, reduce heating and cooling costs, and enhance the overall longevity of the system. Additionally, they capture bacteria, viruses and VOCs, promoting a healthier living environment. Regular filter maintenance extends the system's lifespan and ensures uninterrupted operation. Whatever the outside environment, the system can help improve the indoor air quality by filtering out impurities, with ISO 60% Coarse (G4) supplied as standard, which can filter out sand, fine hair and particles larger than 10µm. Additional filtration can be achieved with a

selection of optional filters, such as ISO ePM10 (M5), which can filter pollen, stone dust and particles smaller or equal to 10µm and ISO ePM2.5 (F7), which can filter out mould spores, bacteria and particles smaller or equal to 2.5µm. The various sensor options allow for flexible installation in individual rooms, supporting effective management of the air in the home.

Further information can be found at:
<https://www.volutiongroupplc.com/>

PRODUCT RAW MATERIAL MAIN COMPOSITION

| Raw material category | Amount, mass % | Material origin |
|-----------------------|----------------|-----------------|
| Metals | 26 | EU, Asia & UK |
| Minerals | 24 | EU & UK |
| Fossil materials | 50 | EU & UK |
| Bio-based materials | - | - |

BIOGENIC CARBON CONTENT

Product's biogenic carbon content at the factory gate

| | |
|--|------|
| Biogenic carbon content in product, kg C | 0 |
| Biogenic carbon content in packaging, kg C | 7.17 |

FUNCTIONAL UNIT AND SERVICE LIFE

| | |
|------------------------|--|
| Declared unit | 1 Unit |
| Mass per declared unit | 27.7 kg |
| Functional unit | Econiq with a recommended maximum flow rate of 125 litres a second at 150 Pa |
| Reference service life | 20 |

SUBSTANCES, REACH - VERY HIGH CONCERN

| Substances of very high concern | EC | CAS |
|---------------------------------|----|-----|
| - | | |
| - | | |
| - | | |
| - | | |

PRODUCT LIFE-CYCLE

SYSTEM BOUNDARY

This EPD covers the life-cycle modules listed in the following table.

| Product stage | | Assembly stage | | Use stage | | | | | | | End of life stage | | | | Beyond the system boundaries | | | |
|---------------|-----------|----------------|-----------|-----------|-----|-------------|--------|-------------|---------------|------------------------|-----------------------|-----------------------------|-----------|------------------|------------------------------|-------|----------|-----------|
| A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D | | |
| x | x | x | x | x | ND | ND | ND | ND | ND | x | ND | x | x | x | x | x | | |
| Raw materials | Transport | Manufacturing | Transport | Assembly | Use | Maintenance | Repair | Replacement | Refurbishment | Operational energy use | Operational water use | Deconstruction / demolition | Transport | Waste processing | Disposal | Reuse | Recovery | Recycling |

Modules not declared = ND. Modules not relevant = MNR

MANUFACTURING AND PACKAGING (A1-A3)

The environmental impacts considered for the product stage cover the manufacturing of raw materials used in the production as well as packaging materials and other ancillary materials. Also, fuels used by machines, and handling of waste formed in the production processes at the manufacturing facilities are included in this stage. The study also considers the material losses occurring during the manufacturing processes as well as losses during electricity transmission.

A market-based approach is used in modelling the electricity mix utilized in the factory.

The reference product consists of one indoor unit that is made of metals, plastics and electronic components. The materials are transported to our production facility, where the main manufacturing processes include sheet metal pressing and plastic moulding before being assembled. The manufacturing process requires electricity and fuels for the different equipment as well as heating. The manufacturing energy is considered based on the electricity mix of the manufacturing site, energy source and country of electricity generation. Certain ancillary materials are also included. Each part manufacturing process is considered separately and process waste disposal is accounted based on allocation of factory level waste. The finished product is packaged in cardboard before being sent to the installation site on a wooden pallet.

A location based approach is used in the modelling of the electricity mix utilised in the factory for manufacturing.

The use of green energy in manufacturing is demonstrated through contractual instruments (GOs, RECs, etc.), and its use is ensured throughout the validity period of this EPD.

TRANSPORT AND INSTALLATION (A4-A5)

Transportation impacts occurred from final products delivery to construction site (A4) cover fuel direct exhaust emissions, environmental impacts of fuel production, as well as related infrastructure emissions.

A sales volume-based weighted average is considered for defining the distribution to the customer. Average distance of transportation from production plant to building site was calculated using our most common country of sale and using the capital city of this country as the destination. Where applicable, we have factored in a shipping leg for transportation into mainland Europe from the UK. Vehicle capacity utilisation volume factor is assumed to be 100% which means full load. In reality, it may vary but as role

of transportation emissions in total results is small, the variety in load is assumed to be negligible. To be conservative, empty returns are considered as modelled in the ecoinvent database. Transportation does not cause losses as product are packaged properly. Also, volume capacity utilisation factor is assumed to be 100% for the nested packaged products. Transportation impacts that occur from delivery of the product cover direct exhaust emissions of fuel, environmental impacts of fuel production, as well as related infrastructure emissions. Environmental impacts from installation into the building include waste packaging materials (A5) and release of biogenic carbon dioxide from waste processing of cardboard and wood pallets. Electricity consumption, steel bolts and copper pipes are considered as part of the installation process. Quantities are assumed as it varies for different products.

PRODUCT USE AND MAINTENANCE (B1-B7)

The reference service life is 20 years and the total energy consumption during the use phase is also considered based on the sales volume-based weighted average data. No replacement of components or parts are included.

This EPD follows additional requirements for products using energy in B6 (Use Stage) permanently installed into the building.

Air, soil, and water impacts during the use phase have not been studied.

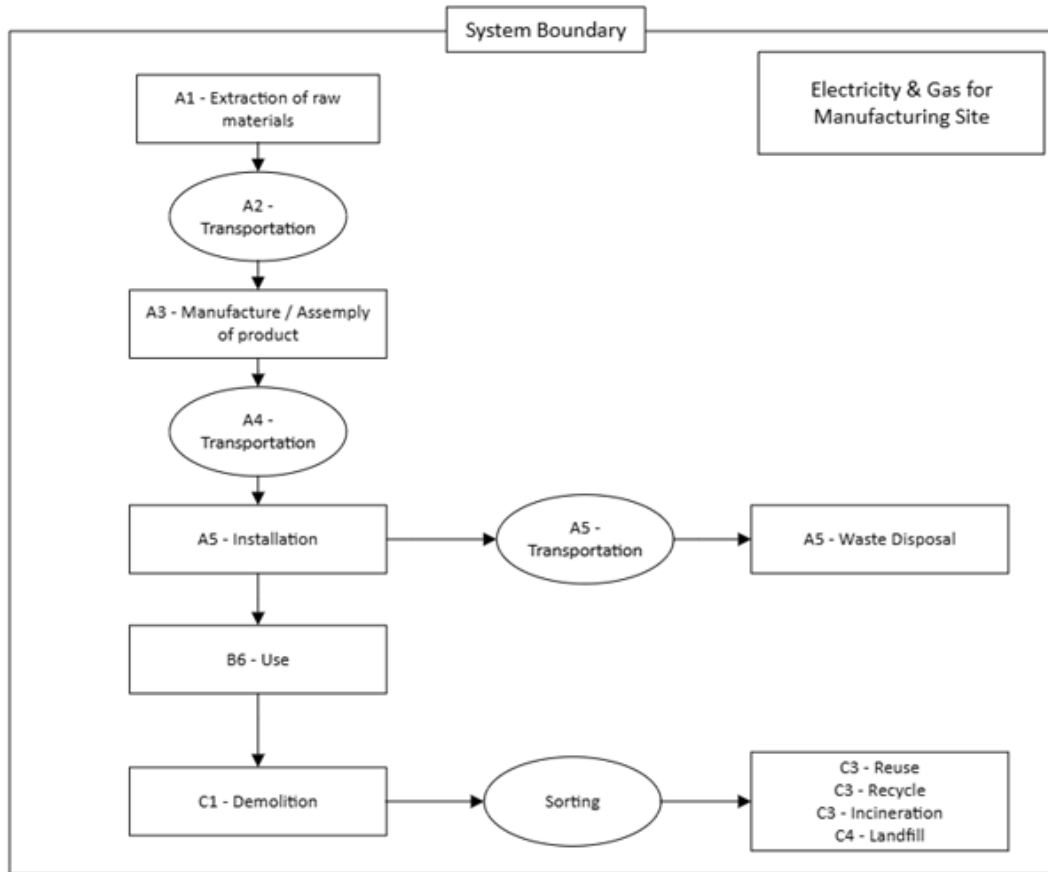
PRODUCT END OF LIFE (C1-C4, D)

Consumption of energy and natural resources in demolition process is assumed to be negligible. It is assumed that the waste is collected separately and transported to the waste treatment centre. Transportation distance to treatment is assumed as 250 km to recycling sites, 150 km to incineration and 50 km to landfill, and the transportation method is assumed to be lorry (C2). The used installation resources such as copper pipes and steel bolts are also dismantled and transported along with the product. According to EN

50693:2019, the sequence of treatment operations occurring to the product shall include de-pollution, fractions separation and preparation (dismantling, crushing, shredding, sorting), recycling, other material recovery, energy recovery and disposal. In this study, the default values from table G.4 of EN 50693 is used for treating materials in different waste treatment methods. 10% of the refrigerant is assumed to be discharged into air when the equipment is crushed, while the remaining is partly recovered and partly incinerated without energy recovery.

Benefits and loads beyond the system boundary were taken into consideration in this study. Specifically, the loads from recycling and incineration of the raw materials in the end of life, and the packaging in A5. Any recycled contents in the materials were discounted in Module D as per the EN 15804+A2.

MANUFACTURING PROCESS



LIFE-CYCLE ASSESSMENT

CUT-OFF CRITERIA

The study does not exclude any modules or processes which are stated mandatory in the reference standard and the applied PCR. The study does not exclude any hazardous materials or substances. The study includes all major raw material and energy consumption. All inputs and outputs of the unit processes, for which data is available for, are included in the calculation. There is no neglected unit process more than 1% of total mass or energy flows. The module specific total neglected input and output flows also do not exceed 5% of energy usage or mass.

The production of capital equipment, construction activities, and infrastructure, maintenance and operation of capital equipment, personnel-related activities, energy and water use related to company management and sales activities are excluded.

Stages B1-B5 (Use, Maintenance, Repair, Replacement & Refurbishment) are excluded from the EPD as they are dependant on the specific building and how the product is used.

B7 (Operational Water Use) is excluded as the unit does not require water.

As we injection mould our plastic products, the waste is negligible. Our metal components are pressed on site and the waste is negligible.

VALIDATION OF DATA

Data collection for production, transport, and packaging was conducted using time and site-specific information, as defined in the general information section on page 1 and 2. Upstream process calculations rely on generic data as defined in the Bibliography section. Manufacturer-provided specific and generic data were used for the product’s manufacturing stage. The analysis was performed in One Click LCA EPD Generator, with the 'Cut-Off, EN

15804+A2' allocation method, and characterization factors according to EN 15804:2012+A2:2019/AC:2021 and JRC EF 3.1.

ALLOCATION, ESTIMATES AND ASSUMPTIONS

Allocation is required if some material, energy, and waste data cannot be measured separately for the product under investigation. All allocations are done as per the reference standards and the applied PCR. In this study, allocation has been done in the following ways:

| Data type | Allocation |
|--------------------------------|-----------------------------|
| Raw materials | No allocation |
| Packaging material | Allocated by mass or volume |
| Ancillary materials | Not applicable |
| Manufacturing energy and waste | Allocated by mass or volume |

PRODUCT & MANUFACTURING SITES GROUPING

| | |
|--------------------------------------|----------------|
| Type of grouping | No grouping |
| Grouping method | Not applicable |
| Variation in GWP-fossil for A1-A3, % | |

This EPD is product and factory specific.

LCA SOFTWARE AND BIBLIOGRAPHY

This EPD has been created using One Click LCA EPD Generator. The LCA and EPD have been prepared according to the reference standards and ISO 14040/14044. The EPD Generator uses Ecoinvent v3.10.1/3.11 and One Click LCA databases as sources of environmental data. Allocation used in Ecoinvent 3.10.1/3.11 environmental data sources follow the methodology 'allocation, Cut-off, EN 15804+A2'.

ENVIRONMENTAL IMPACT DATA

The estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

CORE ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|-------------------------------------|------------------------|----------|----------|-----------|-----------|----------|----------|----|----|----|----|----|----------|----|----------|----------|-----------|-----------|-----------|
| GWP – total ¹⁾ | kg CO ₂ e | 2.78E+02 | 6.12E+00 | -1.80E+01 | 2.66E+02 | 1.50E+00 | 2.75E+01 | ND | ND | ND | ND | ND | 2.98E-04 | ND | 0.00E+00 | 6.39E-01 | 2.62E+01 | 1.09E+01 | -1.89E+01 |
| GWP – fossil | kg CO ₂ e | 2.77E+02 | 6.12E+00 | 8.66E+00 | 2.92E+02 | 1.50E+00 | 5.58E-01 | ND | ND | ND | ND | ND | 2.98E-04 | ND | 0.00E+00 | 6.39E-01 | 2.62E+01 | 1.09E+01 | -1.89E+01 |
| GWP – biogenic | kg CO ₂ e | 3.68E-01 | 1.28E-03 | -2.70E+01 | -2.66E+01 | 3.15E-04 | 2.70E+01 | ND | ND | ND | ND | ND | 3.78E-08 | ND | 0.00E+00 | 1.40E-04 | -2.32E-02 | -9.75E-04 | 0.00E+00 |
| GWP – LULUC | kg CO ₂ e | 6.53E-01 | 2.50E-03 | 2.65E-01 | 9.20E-01 | 5.68E-04 | 6.38E-04 | ND | ND | ND | ND | ND | 3.16E-08 | ND | 0.00E+00 | 2.83E-04 | 5.80E-04 | 1.47E-04 | 1.60E-02 |
| Ozone depletion pot. | kg CFC-11e | 1.19E-05 | 1.17E-07 | 2.50E-07 | 1.23E-05 | 3.00E-08 | 7.82E-09 | ND | ND | ND | ND | ND | 1.52E-11 | ND | 0.00E+00 | 9.01E-09 | 1.79E-08 | 9.51E-09 | 3.00E-08 |
| Acidification potential | mol H ⁺ e | 1.77E+00 | 1.62E-02 | 4.16E-02 | 1.83E+00 | 5.47E-03 | 2.77E-03 | ND | ND | ND | ND | ND | 7.92E-07 | ND | 0.00E+00 | 2.14E-03 | 1.59E-02 | 7.32E-03 | -1.23E-01 |
| EP-freshwater ²⁾ | kg Pe | 2.96E-01 | 4.78E-04 | 4.16E-03 | 3.01E-01 | 1.00E-04 | 1.39E-04 | ND | ND | ND | ND | ND | 3.08E-08 | ND | 0.00E+00 | 4.97E-05 | 1.88E-04 | 5.70E-05 | -1.58E-02 |
| EP-marine | kg Ne | 3.23E-01 | 3.95E-03 | 1.86E-02 | 3.45E-01 | 1.80E-03 | 3.44E-03 | ND | ND | ND | ND | ND | 1.74E-07 | ND | 0.00E+00 | 6.94E-04 | 1.13E-02 | 9.64E-03 | -2.62E-02 |
| EP-terrestrial | mol Ne | 3.41E+00 | 4.30E-02 | 1.43E-01 | 3.60E+00 | 1.96E-02 | 1.05E-02 | ND | ND | ND | ND | ND | 1.80E-06 | ND | 0.00E+00 | 7.55E-03 | 8.01E-02 | 3.82E-02 | -2.81E-01 |
| POCP (“smog”) ³⁾ | kg NMVOce | 1.16E+00 | 2.30E-02 | 4.58E-02 | 1.23E+00 | 8.30E-03 | 3.59E-03 | ND | ND | ND | ND | ND | 5.98E-07 | ND | 0.00E+00 | 3.00E-03 | 1.99E-02 | 9.67E-03 | -7.61E-02 |
| ADP-minerals & metals ⁴⁾ | kg Sbe | 6.28E-02 | 2.55E-05 | 3.91E-05 | 6.29E-02 | 4.10E-06 | 2.32E-06 | ND | ND | ND | ND | ND | 2.73E-09 | ND | 0.00E+00 | 2.05E-06 | 8.78E-06 | 1.18E-06 | -1.76E-03 |
| ADP-fossil resources | MJ | 4.38E+03 | 8.55E+01 | 1.40E+02 | 4.61E+03 | 2.17E+01 | 6.84E+00 | ND | ND | ND | ND | ND | 6.79E-03 | ND | 0.00E+00 | 9.01E+00 | 1.20E+01 | 6.25E+00 | -2.13E+02 |
| Water use ⁵⁾ | m ³ e depr. | 9.48E+01 | 4.76E-01 | 5.25E+00 | 1.01E+02 | 1.10E-01 | 1.85E-01 | ND | ND | ND | ND | ND | 4.88E-05 | ND | 0.00E+00 | 4.22E-02 | 1.65E+00 | 7.40E-01 | -4.14E+00 |

1) GWP = Global Warming Potential; 2) EP = Eutrophication potential. Required characterisation method and data are in kg P-eq. Multiply by 3,07 to get PO4e; 3) POCP = Photochemical ozone formation; 4) ADP = Abiotic depletion potential; 5) EN 15804+A2 disclaimer for Abiotic depletion and Water use and optional indicators except Particulate matter and Ionizing radiation, human health. The results of these environmental impact indicators shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

ADDITIONAL (OPTIONAL) ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|----------------------------------|-----------|----------|----------|----------|----------|----------|----------|----|----|----|----|----|----------|----|----------|----------|----------|----------|-----------|
| Particulate matter | Incidence | 1.34E-05 | 3.58E-07 | 5.18E-07 | 1.43E-05 | 1.48E-07 | 4.54E-08 | ND | ND | ND | ND | ND | 3.35E-12 | ND | 0.00E+00 | 5.28E-08 | 8.43E-08 | 3.59E-08 | -1.53E-06 |
| Ionizing radiation ⁶⁾ | kBq | 2.68E+01 | 1.48E-01 | 1.20E+00 | 2.81E+01 | 2.59E-02 | 2.56E-02 | ND | ND | ND | ND | ND | 1.87E-04 | ND | 0.00E+00 | 7.38E-03 | 2.18E-02 | 6.25E-03 | -5.54E-01 |
| Ecotoxicity (freshwater) | CTUe | 6.17E+03 | 1.46E+01 | 6.55E+01 | 6.25E+03 | 2.54E+00 | 8.67E+00 | ND | ND | ND | ND | ND | 4.49E-04 | ND | 0.00E+00 | 1.40E+00 | 4.98E+01 | 3.07E+01 | -5.37E+02 |
| Human toxicity, cancer | CTUh | 2.10E-07 | 1.09E-09 | 1.88E-08 | 2.29E-07 | 2.48E-10 | 3.23E-10 | ND | ND | ND | ND | ND | 5.82E-14 | ND | 0.00E+00 | 1.08E-10 | 2.30E-09 | 9.36E-10 | -1.24E-08 |
| Human tox. non-cancer | CTUh | 7.77E-06 | 5.15E-08 | 7.43E-08 | 7.89E-06 | 1.40E-08 | 1.75E-08 | ND | ND | ND | ND | ND | 2.62E-12 | ND | 0.00E+00 | 5.67E-09 | 7.71E-08 | 3.74E-08 | -2.37E-07 |
| SQP ⁷⁾ | - | 1.11E+03 | 4.22E+01 | 1.67E+03 | 2.82E+03 | 2.16E+01 | 5.99E+00 | ND | ND | ND | ND | ND | 6.33E-04 | ND | 0.00E+00 | 5.99E+00 | 5.87E+00 | 4.13E+00 | -6.87E+02 |

6) EN 15804+A2 disclaimer for Ionizing radiation, human health. This impact category deals mainly with the eventual impact of low-dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator; 7) SQP = Land use related impacts/soil quality.

USE OF NATURAL RESOURCES

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|------------------------------------|----------------|----------|----------|----------|----------|----------|-----------|----|----|----|----|----|----------|----|----------|----------|-----------|-----------|-----------|
| Renew. PER as energy ⁸⁾ | MJ | 3.86E+02 | 1.93E+00 | 7.66E+01 | 4.65E+02 | 3.50E-01 | -2.33E+02 | ND | ND | ND | ND | ND | 2.22E-04 | ND | 0.00E+00 | 1.24E-01 | 5.44E-01 | 1.34E-01 | -1.01E+02 |
| Renew. PER as material | MJ | 0.00E+00 | 0.00E+00 | 2.34E+02 | 2.34E+02 | 0.00E+00 | -2.34E+02 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Total use of renew. PER | MJ | 3.86E+02 | 1.93E+00 | 3.11E+02 | 6.99E+02 | 3.50E-01 | -4.67E+02 | ND | ND | ND | ND | ND | 2.22E-04 | ND | 0.00E+00 | 1.24E-01 | 5.44E-01 | 1.34E-01 | -1.01E+02 |
| Non-re. PER as energy | MJ | 3.54E+03 | 8.55E+01 | 1.31E+02 | 3.76E+03 | 2.17E+01 | 6.84E+00 | ND | ND | ND | ND | ND | 6.79E-03 | ND | 0.00E+00 | 9.01E+00 | -4.28E+02 | -3.48E+02 | -2.15E+02 |
| Non-re. PER as material | MJ | 8.39E+02 | 0.00E+00 | 1.06E+01 | 8.50E+02 | 0.00E+00 | -1.06E+01 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | -4.87E+02 | -3.52E+02 | 0.00E+00 |
| Total use of non-re. PER | MJ | 4.38E+03 | 8.55E+01 | 1.41E+02 | 4.61E+03 | 2.17E+01 | -3.78E+00 | ND | ND | ND | ND | ND | 6.79E-03 | ND | 0.00E+00 | 9.01E+00 | -9.14E+02 | -7.01E+02 | -2.15E+02 |
| Secondary materials | kg | 1.72E+00 | 4.53E-02 | 6.50E+00 | 8.27E+00 | 9.39E-03 | 6.49E-03 | ND | ND | ND | ND | ND | 6.90E-07 | ND | 0.00E+00 | 4.01E-03 | 1.41E-02 | 2.81E-03 | 6.75E+00 |
| Renew. secondary fuels | MJ | 2.67E-01 | 4.94E-04 | 5.86E+00 | 6.13E+00 | 1.17E-04 | 5.11E-05 | ND | ND | ND | ND | ND | 3.80E-09 | ND | 0.00E+00 | 5.11E-05 | 2.69E-04 | 8.51E-05 | -3.61E-03 |
| Non-ren. secondary fuels | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Use of net fresh water | m ³ | 2.46E+00 | 1.33E-02 | 1.25E-01 | 2.59E+00 | 3.18E-03 | -1.38E-02 | ND | ND | ND | ND | ND | 1.17E-06 | ND | 0.00E+00 | 1.22E-03 | 3.02E-02 | 6.27E-04 | -1.67E-01 |

8) PER = Primary energy resources.

END OF LIFE – WASTE

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|---------------------|------|----------|----------|----------|----------|----------|----------|----|----|----|----|----|----------|----|----------|----------|----------|----------|-----------|
| Hazardous waste | kg | 2.64E+01 | 1.34E-01 | 5.41E-01 | 2.71E+01 | 3.13E-02 | 6.41E-02 | ND | ND | ND | ND | ND | 7.87E-06 | ND | 0.00E+00 | 1.56E-02 | 4.44E-01 | 1.89E-01 | -1.91E+00 |
| Non-hazardous waste | kg | 1.19E+03 | 3.12E+00 | 1.39E+01 | 1.21E+03 | 6.25E-01 | 2.60E+01 | ND | ND | ND | ND | ND | 1.66E-04 | ND | 0.00E+00 | 2.93E-01 | 1.21E+01 | 2.44E+01 | 1.64E+01 |
| Radioactive waste | kg | 6.69E-03 | 3.69E-05 | 2.94E-04 | 7.02E-03 | 6.41E-06 | 6.45E-06 | ND | ND | ND | ND | ND | 3.93E-08 | ND | 0.00E+00 | 1.81E-06 | 5.51E-06 | 1.56E-06 | -1.33E-04 |

END OF LIFE – OUTPUT FLOWS

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|-------------------------------|------|----------|----------|----------|----------|----------|----------|----|----|----|----|----|----------|----|----------|----------|----------|----------|----------|
| Components for re-use | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Materials for recycling | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E+00 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 5.63E+00 | 0.00E+00 | 0.00E+00 |
| Materials for energy rec | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Exported energy | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E+01 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 1.23E+02 | 0.00E+00 | 0.00E+00 |
| Exported energy – Electricity | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E+00 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 5.18E+01 | 0.00E+00 | 0.00E+00 |
| Exported energy – | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E+01 | ND | ND | ND | ND | ND | 0.00E+00 | ND | 0.00E+00 | 0.00E+00 | 7.12E+01 | 0.00E+00 | 0.00E+00 |

ENVIRONMENTAL IMPACTS – EN 15804+A1, CML / ISO 21930

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|----------------------|------------------------------------|----------|----------|----------|----------|----------|----------|----|----|----|----|----|----------|----|----------|----------|----------|----------|-----------|
| Global Warming Pot. | kg CO ₂ e | 2.76E+02 | 6.08E+00 | 9.01E+00 | 2.91E+02 | 1.49E+00 | 1.38E+00 | ND | ND | ND | ND | ND | 2.97E-04 | ND | 0.00E+00 | 6.35E-01 | 2.62E+01 | 1.08E+01 | -1.88E+01 |
| Ozone depletion Pot. | kg CFC ₁₁ e | 1.24E-05 | 9.37E-08 | 2.03E-07 | 1.27E-05 | 2.39E-08 | 6.32E-09 | ND | ND | ND | ND | ND | 1.21E-11 | ND | 0.00E+00 | 7.20E-09 | 1.52E-08 | 7.99E-09 | 1.85E-08 |
| Acidification | kg SO ₂ e | 1.45E+00 | 1.30E-02 | 3.04E-02 | 1.49E+00 | 4.18E-03 | 2.07E-03 | ND | ND | ND | ND | ND | 6.47E-07 | ND | 0.00E+00 | 1.64E-03 | 1.11E-02 | 5.08E-03 | -9.96E-02 |
| Eutrophication | kg PO ₄ ³ e | 7.60E-01 | 3.00E-03 | 1.45E-01 | 9.08E-01 | 9.75E-04 | 1.51E-03 | ND | ND | ND | ND | ND | 8.65E-08 | ND | 0.00E+00 | 3.98E-04 | 4.63E-03 | 2.43E-03 | -1.05E-02 |
| POCP (“smog”) | kg C ₂ H ₄ e | 1.00E-01 | 1.19E-03 | 3.81E-03 | 1.05E-01 | 3.68E-04 | 3.57E-04 | ND | ND | ND | ND | ND | 4.42E-08 | ND | 0.00E+00 | 1.46E-04 | 7.28E-04 | 3.77E-04 | -6.90E-03 |
| ADP-elements | kg Sbe | 6.28E-02 | 2.48E-05 | 3.90E-05 | 6.28E-02 | 4.00E-06 | 2.26E-06 | ND | ND | ND | ND | ND | 2.71E-09 | ND | 0.00E+00 | 2.00E-06 | 8.25E-06 | 9.37E-07 | -1.76E-03 |
| ADP-fossil | MJ | 3.94E+03 | 8.30E+01 | 1.20E+02 | 4.14E+03 | 2.12E+01 | 6.41E+00 | ND | ND | ND | ND | ND | 4.47E-03 | ND | 0.00E+00 | 8.89E+00 | 1.17E+01 | 6.15E+00 | -2.01E+02 |

ADDITIONAL INDICATOR – GWP-GHG

| Impact category | Unit | A1 | A2 | A3 | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
|-----------------------|----------------------|----------|----------|----------|----------|----------|----------|----|----|----|----|----|----------|----|----------|----------|----------|----------|-----------|
| GWP-GHG ⁹⁾ | kg CO ₂ e | 2.78E+02 | 6.12E+00 | 8.93E+00 | 2.93E+02 | 1.50E+00 | 5.59E-01 | ND | ND | ND | ND | ND | 2.98E-04 | ND | 0.00E+00 | 6.39E-01 | 2.62E+01 | 1.09E+01 | -1.89E+01 |

9) This indicator includes all greenhouse gases excluding biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. In addition, the characterisation factors for the flows – CH4 fossil, CH4 biogenic and Dinitrogen monoxide – were updated. This indicator is identical to the GWP-total of EN 15804:2012+A2:2019 except that the characterisation factor for biogenic CO2 is set to zero.

SCENARIO DOCUMENTATION

Manufacturing energy scenario documentation

| Scenario parameter | Value |
|--|--|
| Electricity data source and quality | Electricity, medium voltage, residual mix (Reference product: electricity, medium voltage) |
| Electricity CO2e / kWh | 0.44 |
| District heating data source and quality | |
| District heating CO2e / kWh | |

Transport scenario documentation A4

| Scenario parameter | Value |
|---|---|
| Fuel and vehicle type. Eg, electric truck, diesel powered truck | Transport, freight, lorry 16-32 metric ton, EURO5, Europe |
| Average transport distance, km | 318 |
| Capacity utilization (including empty return) % | 50 |
| Bulk density of transported products | |
| Volume capacity utilization factor | 1 |

Installation scenario documentation A5

| Scenario information | Value |
|--|---|
| Ancillary materials for installation (specified by material) / kg or other units as appropriate | - |
| Water use / m ³ | - |
| Other resource use / kg | - |
| Quantitative description of energy type (regional mix) and consumption during the installation process / kWh or MJ | 0 |
| Waste materials on the building site before waste processing, generated by the product's installation (specified by type) / kg | Wood: 10Kg Cardboard: 6Kg |
| Output materials (specified by type) as result of waste processing at the building site e.g. collection for recycling, for energy recovery, disposal (specified by route) / kg | % are for recycling, incineration w. energy recovery, landfill respectively using EuroStat data. Wood: 32%, 30%, 38% Cardboard: 83%, 8%, 9% |
| Direct emissions to ambient air, soil and water / kg | - |

Use stages scenario documentation - B6-B7 Use of energy and use of water

| Scenario information | Value |
|--|--|
| Ancillary materials specified by material / kg or units as appropriate | - |
| Net fresh water consumption / m ³ | - |
| Type of energy carrier, e.g., electricity, natural gas, district heating / kWh | - |
| Power output of equipment / kW | - |
| Characteristic performance, e.g., energy efficiency, emissions, variation of performance with capacity utilization, etc. | thermal efficiencies up to 93% SFP (W/l/s) as low as 0.39 |
| Further assumptions for scenario development, e.g., frequency and period of use, number of occupants | - |

End of life scenario documentation

| Scenario information | Value |
|---|---|
| Collection process – kg collected separately | - |
| Collection process – kg collected with mixed construction waste | 27.7 |
| Recovery process – kg for re-use | - |
| Recovery process – kg for recycling | 10.84 |
| Recovery process – kg for energy recovery | 7.37 |
| Disposal (total) – kg for final deposition | 9.49 |
| Scenario assumptions e.g. transportation | 250km recycling, 150km incineration, 50km landfill. |

THIRD-PARTY VERIFICATION STATEMENT

EPD Hub declares that this EPD is verified in accordance with ISO 14025 by an independent, third-party verifier. The project report on the Life Cycle Assessment and the report(s) on features of environmental relevance are filed at EPD Hub. EPD Hub PCR and ECO Platform verification checklist are used.

EPD Hub is not able to identify any unjustified deviations from the PCR and EN 15802+A2 in the Environmental Product Declaration and its project report.

EPD Hub maintains its independence as a third-party body; it was not involved in the execution of the LCA or in the development of the declaration and has no conflicts of interest regarding this verification.

The company-specific data and upstream and downstream data have been examined as regards plausibility and consistency. The publisher is responsible for ensuring the factual integrity and legal compliance of this declaration.

The software used in creation of this LCA and EPD is verified by EPD Hub to conform to the procedural and methodological requirements outlined in ISO 14025:2010, ISO 14040/14044, EN 15804+A2, and EPD Hub Core Product Category Rules and General Program Instructions.

Verified tools

Tool verifier: Magaly Gonzalez Vazquez

Tool verification validity: 27 March 2025 - 26 March 2028

Imane Uald Lamkaddam as an authorized verifier for EPD Hub Limited
10.10.2025



ANNEX 1 PART NUMBERS

| Brand | Part Number | Part Description | GTIN | Weight |
|-----------|-------------|---|---------------|--------|
| Vent-Axia | 411077 | Vent-Axia Sentinel Econiq SC | 5015135110772 | 26 |
| Vent-Axia | 412465 | Vent-Axia Sentinel Econiq SE | 5015135124656 | 26 |
| Vent-Axia | 499883 | Vent-Axia Sentinel Econiq S | 5015135998837 | 26 |
| Vent-Axia | 499956 | Vent-Axia Econiq Sd | 5015135999568 | 26 |
| Vent-Axia | 499957 | Vent-Axia Econiq SCd | 5015135999575 | 26 |
| Vent-Axia | 499958 | Vent-Axia Econiq Se | 5015135999582 | 26 |
| Vent-Axia | 1004000258 | Vent-Axia Econiq 300 CO2 | 5015135996543 | 26 |
| Vent-Axia | 413625 | Vent-Axia Econiq Si | 5015135136253 | 27 |
| Vent-Axia | 499890 | Vent-Axia Sentinel Econiq SCP RH | 5015135998905 | 27 |
| Vent-Axia | 499891 | Vent-Axia Sentinel Econiq SCP LH | 5015135998912 | 27 |
| Vent-Axia | 1004000257 | Vent-Axia Econiq 300 | 5015135996536 | 27 |
| Vent-Axia | 8000000527 | Vent-Axia Sentinel Kinetic Advance 250SX TR | 5015135786137 | 27 |
| Vent-Axia | 8000000528 | Vent-Axia Sentinel Kinetic Advance 250SX TL | 5015135786144 | 27 |
| Vent-Axia | 8000000529 | Vent-Axia Sentinel Kinetic Advance 350SX TR | 5015135786151 | 27 |
| Vent-Axia | 8000000530 | Vent-Axia Sentinel Kinetic Advance 350SX TL | 5015135786168 | 27 |
| Vent-Axia | 476808B | Vent-Axia Sentinel Econiq SiP LH | 5015135122720 | 27 |
| Vent-Axia | 476809B | Vent-Axia Sentinel Econiq SiP RH | 5015135122713 | 27 |
| Fresh | 841671 | Fresh Econiq 97 TV | 7318118416716 | 27 |
| Fresh | 841672 | Fresh Econiq 97 TV | 7318118416723 | 27 |
| Reclaim | 413723 | Reclaim IM-S | 5015135137236 | 27 |
| Comair | 1004000292 | Comair HRUC-Plus 2 RENO | 8718087102792 | 27 |
| Comair | 1004000293 | Comair HRUC-Plus 3 RENO | 8718087102785 | 27 |
| Comair | 1004000140 | Comair HRUC-Plus 2 VR | 8718087083992 | 27 |
| Comair | 1004000139 | Comair HRUC-Plus 2 VL | 8718087083985 | 27 |
| Comair | 1004000142 | Comair HRUC-Plus 3 VR | 8718087084012 | 27 |

| Brand | Part Number | Part Description | GTIN | Weight |
|-----------|-------------|----------------------------------|---------------|--------|
| Comair | 1004000141 | Comair HRUC-Plus 3 VL | 8718087084005 | 27 |
| Vent-Axia | 413626 | Vent-Axia Econiq Mi | 5015135136260 | 50 |
| Vent-Axia | 499632 | Vent-Axia Sentinel Econiq M | 5015135996321 | 50 |
| Vent-Axia | 499633 | Vent-Axia Sentinel Econiq MiP RH | 5015135996338 | 50 |
| Vent-Axia | 499634 | Vent-Axia Sentinel Econiq MiP LH | 5015135996345 | 50 |
| Vent-Axia | 499638 | Vent-Axia Sentinel Econiq MC | 5015135996383 | 50 |
| Vent-Axia | 499639 | Vent-Axia Sentinel Econiq MCP RH | 5015135996390 | 50 |
| Vent-Axia | 499640 | Vent-Axia Sentinel Econiq MCP LH | 5015135996406 | 50 |
| Vent-Axia | 499641 | Vent-Axia Sentinel Econiq L | 5015135996413 | 50 |
| Vent-Axia | 499642 | Vent-Axia Sentinel Econiq LiP RH | 5015135996420 | 50 |
| Vent-Axia | 499643 | Vent-Axia Sentinel Econiq LiP LH | 5015135996437 | 50 |
| Vent-Axia | 499647 | Vent-Axia Sentinel Econiq LC | 5015135996475 | 50 |
| Vent-Axia | 499648 | Vent-Axia Sentinel Econiq LCP RH | 5015135996482 | 50 |
| Vent-Axia | 499649 | Vent-Axia Sentinel Econiq LCP LH | 5015135996499 | 50 |
| Vent-Axia | 499963 | Econiq MXe | 5015135999636 | 50 |
| Vent-Axia | 499968 | Econiq LXe | 5015135999681 | 50 |
| Vent-Axia | 1004000259 | Vent-Axia Econiq 450 | 5015135996550 | 50 |
| Vent-Axia | 1004000260 | Vent-Axia Econiq 450 CO2 | 5015135996567 | 50 |
| Vent-Axia | 1004000261 | Vent-Axia Econiq 600 | 5015135996574 | 50 |
| Vent-Axia | 1004000262 | Vent-Axia Econiq 600 CO2 | 5015135996581 | 50 |
| Vent-Axia | 1004000304 | Vent-Axia Econiq 375 | 5015135135799 | 50 |
| Vent-Axia | 1004000305 | Vent-Axia Econiq 375 CO2 | 5015135135805 | 50 |
| Vent-Axia | 8000001417 | Vent-Axia Econiq 350 R | 5015135996611 | 50 |
| Vent-Axia | 8000001418 | Vent-Axia Econiq 350 L | 5015135996628 | 50 |
| Vent-Axia | 8000001419 | Vent-Axia Econiq 450 R | 5015135996635 | 50 |
| Vent-Axia | 8000001420 | Vent-Axia Econiq 450 L | 5015135996642 | 50 |
| Vent-Axia | 8000001421 | Vent-Axia Econiq 600 R | 5015135996659 | 50 |
| Vent-Axia | 8000001422 | Vent-Axia Econiq 600 L | 5015135996666 | 50 |

| Brand | Part Number | Part Description | GTIN | Weight |
|-----------|-------------|-------------------------|---------------|--------|
| Vent-Axia | 8000001585 | Vent-Axia Econiq 400 R | 5015135123970 | 50 |
| Vent-Axia | 8000001586 | Vent-Axia Econiq 400 L | 5015135123987 | 50 |
| Fresh | 841673 | Fresh Econiq FCX 125 TH | 7318118416730 | 50 |
| Fresh | 841674 | Fresh Econiq FCX 125 TV | 7318118416747 | 50 |
| Fresh | 841675 | Fresh Econiq FCX 167 TH | 7318118416754 | 50 |
| Fresh | 841676 | Fresh Econiq FCX 167 TV | 7318118416761 | 50 |
| Reclaim | 413724 | Reclaim IM-M | 5015135137243 | 50 |
| Comair | 1004000289 | Comair HRUC-PRO 3 R | 8718087102563 | 50 |
| Comair | 1004000288 | Comair HRUC-PRO 3 L | 8718087102570 | 50 |
| Comair | 1004000303 | Comair HRUC-PRO 4 R | 8718087102778 | 50 |
| Comair | 1004000302 | Comair HRUC-PRO 4 L | 8718087102761 | 50 |
| Comair | 1004000264 | Comair HRUC-PRO 5 R | 8718087102587 | 50 |
| Comair | 1004000263 | Comair HRUC-PRO 5 L | 8718087102594 | 50 |
| Comair | 1004000266 | Comair HRUC-PRO 6 R | 8718087102600 | 50 |
| Comair | 1004000265 | Comair HRUC-PRO 6 L | 8718087102617 | 50 |

ANNEX 2 SCALING TABLE

| Part Number | Mass (Kg) | A1-A3 | | | |
|-------------|-----------|-------------|-------------|-----------|--------------|
| | | EN 15804+A1 | EN 15804+A2 | | |
| | | GWP | GWP total | GWP total | GWP biogenic |
| Reference | 1 | 10.499 | 0.308 | 0.308 | 0 |
| 411077 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 412465 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 499883 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 499956 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 499957 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 499958 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 1004000258 | 26 | 272.981 | 7.997 | 7.997 | 0 |
| 413625 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 499890 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 499891 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 1004000257 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 8000000527 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 8000000528 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 8000000529 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 8000000530 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 476808B | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 476809B | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 841671 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 841672 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 413723 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 1004000292 | 27 | 283.481 | 8.305 | 8.305 | 0 |

| Part Number | Mass (Kg) | A1-A3 | | | |
|-------------|-----------|-------------|-------------|-----------|--------------|
| | | EN 15804+A1 | EN 15804+A2 | | |
| | | GWP | GWP total | GWP total | GWP biogenic |
| 1004000293 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 1004000140 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 1004000139 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 1004000142 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 1004000141 | 27 | 283.481 | 8.305 | 8.305 | 0 |
| 413626 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499632 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499633 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499634 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499638 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499639 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499640 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499641 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499642 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499643 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499647 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499648 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499649 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499963 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 499968 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000259 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000260 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000261 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000262 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000304 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000305 | 50 | 524.964 | 15.379 | 15.379 | 0 |

| Part Number | Mass (Kg) | A1-A3 | | | |
|-------------|-----------|-------------|-------------|-----------|--------------|
| | | EN 15804+A1 | EN 15804+A2 | | |
| | | GWP | GWP total | GWP total | GWP biogenic |
| 8000001417 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001418 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001419 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001420 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001421 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001422 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001585 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 8000001586 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 841673 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 841674 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 841675 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 841676 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 413724 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000289 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000288 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000303 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000302 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000264 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000263 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000266 | 50 | 524.964 | 15.379 | 15.379 | 0 |
| 1004000265 | 50 | 524.964 | 15.379 | 15.379 | 0 |