

Environmental Self Declaration

according to ISO 14021 (Type II)



For the functional unit:

Compact enclosure HD

the result of the life cycle analysis according to DIN EN ISO 14040 and DIN EN ISO 14044:

Art.No.	CO ₂ eq-Footprint / FU (GWP 100) [kg CO ₂ e/FU]
	A1 - A3
1302.600	22,985
1304.600	35,477
1305.600	56,831
1306.600	41,603
1307.600	62,159
1308.600	57,470
1310.600	85,634
1311.600	97,043
1312.600	114,599
1314.600	84,570
1315.600	121,977
1316.600	187,343
1317.600	216,607
1318.600	250,659
1319.600	285,206
1320.600	70,080

Life cycle phase:

- A1: Provision of raw materials
- A2: Transport to manufacturer
- A3: Manufacturing
- A4: Transport to customer
- A5: Installation

- C1: Deconstruction, demolition
- C2: Transport to waste center
- C3: Waste management
- C4: Disposal, depositing
- D: Recycling, Benefits

- The life cycle assessment (LCA) was carried out in accordance with the general principles of DIN EN ISO 14040 and DIN EN ISO 14044, using RITTAL-specific data and supplier data. The results may change once updated data, improved methods from life-cycle databases, and improvements in the manufacturing process become available.
- The system boundaries considered were “cradle to gate” including life cycle phases A1–A3.
- This is a manufacturer’s declaration; no third-party verification has been conducted.

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Legal Notice

This document constitutes a self-declared environmental claim in accordance with ISO 14021: “Environmental labels and declarations – Self-declared environmental claims (Type II)”. The environmental information contained herein is provided by the manufacturer and is not externally verified.

The underlying environmental data have been developed based on a life cycle assessment (LCA) performed in accordance with ISO 14040 and ISO 14044. Additionally, the assessment methodology considers relevant principles from EN 50693 for electronic and electrotechnical products, where applicable.

Scope and System Boundaries: The calculation includes the life cycle phases defined in the supplier declaration. Deviations or limitations (e.g., exclusion of certain phases or data gaps) are transparently presented in the declaration.

Data Sources and Assumptions: The data used comes from publicly accessible databases, supplier information, and internal operational data. Despite careful selection, no guarantee can be given for complete accuracy, timeliness, or completeness.

Disclaimer: This statement is a voluntary, non-verified supplier declaration and is for information purposes only. It does not claim external certification or third-party verification. Liability for damages arising from the use of or reliance on this information is excluded.

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