CARBON FOOTPRINT DECLARATION

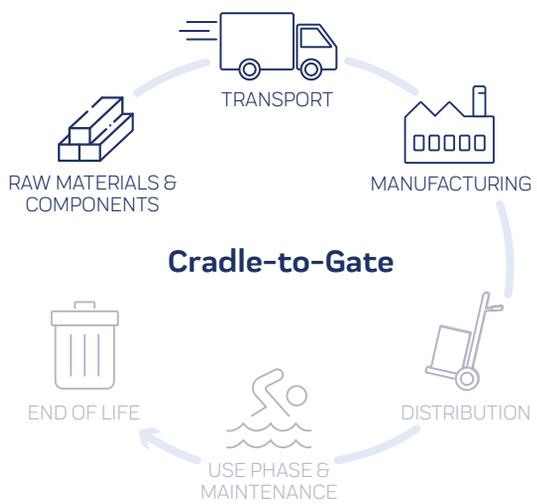
FLUIDRA

Fluidra is committed to addressing climate change and promoting transparent communication by sharing carbon footprint details for their key products.

We calculate the Carbon Footprint as a part of a comprehensive life Cycle Assessment (LCA) Study, performed considering a "Cradle to Gate" approach, from the raw materials extraction to production stage including the packaging.

The disclosed data are based on multiple assumptions.

The results disclosed by different manufacturers are not directly comparable due to methodological choices, variations in system boundaries, data quality, and selected assumptions such as lifetime.



Full Inverter HEAT PUMP z250iQ MD4

443
kg CO_2 eq. /module unit lifetime



RAW MATERIALS & COMPONENTS **96%**

TRANSPORT **0%**

MANUFACTURING **4%**

CO_2 FOOTPRINT SHARE

DISTRIBUTION

USE PHASE & MAINTENANCE

END OF LIFE

Data calculated for z250iQ MD4.
See other models in table below.

PRODUCT COMPOSITION (% OF THE FINISHED GOOD WEIGHT)					
Packaging (Cardboard &Paper): **6.8%**	Steel and metals: **68.3%**	Plastics: **13.6%**	Multimaterials / Electronic: **2.3%**	Additives and other materials: **1.4%**	Other materials: **7.6%**

PRODUCT CHARACTERISTICS:
Product commercial name: z250iQ MD4
Category: Full Inverter Heat Pumps
Dimension (mm): 823 × 646 × 375 mm
Weight (kg): 44,5 kg
Country of manufacturing: CHINA
Power consumed max-min (kW): 1.4-0.2

The study was realized using SimaPro software, Ecoinvent v3.11 database and EF 3.1 method and others.

For increased reliability, the Life Cycle Assessment base study was carried out by CAPPI consultancy and refers to 2024 inventory data (assumptions and real data).

This study is consistent with:

- ISO 14040 & 14044: 2006 Environmental Management: Life Cycle Assessment – Principles and Framework & Requirements and guidelines.
- ISO 14067: Gases de efecto invernadero — Huella de carbono de productos — Requisitos y directrices para la cuantificación

CARBON FOOTPRINT CRADLE TO GATE FOR OTHER MD MODELS

MODEL	ITEM CODE	kgCO2eq	RAW MATERIALS & COMPONENTS	TRANSPORT	MANUFACTURING
Z250iQ MD4	WH000588	443	96%	0%	4%
Z250iQ MD3	WH000587	420	96%	0%	4%
Z250iQ MD5	WH000589	495	97%	0%	3%
Z250iQ MD6	WH000590	545	97%	0%	3%
Z250iQ MD8	WH000591	659	97%	0%	3%
Z250iQ MD9	WH000593	792	98%	0%	2%
Z250iQ MD12	WH000595	913	98%	0%	2%

MAIN ASSUMPTIONS TO CALCULATE THE CARBON FOOTPRINT

- **Transport:** Components & raw material to the manufacturing site.
- **Manufacturing:** Data obtained from China supplier.

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