



# TM65

## Mid-level Report

SCDDL4HT: Scenic S.Help Deep Cold Deli 4-1Gn (Rear Doors)

Assessment Date 22/04/2026

Manufacturer CED Fabrications

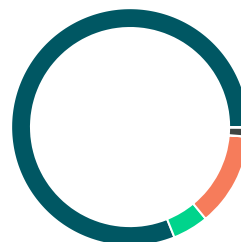
Contact Email sales@cedlimited.com

### Metrics

Embodied Carbon

**1,565** kgCO<sub>2</sub>e

### Embodied Carbon Footprint



- Material
- Manufacture
- Transport
- Refrigerant
- Waste
- Disposal

### Product Information

Capacity of equipment/size (kW; m3; litres; etc.)	N/A
Product weight (kg)	181 kg
Material % breakdown for at least 95% of the product weight? (Y/N)	Y
Product service life (years)	10
If refrigerant based, type of refrigerant used and GWP	Propane (R 290), 0.04 kgCO <sub>2</sub> e
Refrigerant charge (kg)	0.42 kg
Energy consumption of the factory* per unit of product	56 kWh
Location of manufacture*	N/A
Product complexity category	3

**Embodied carbon results (kg CO2e) – breakdown**

A1: Material extraction	876 kgCO2e
A2: Transport	143 kgCO2e
A3: Manufacturing	59 kgCO2e
A4: Transport to site	7 kgCO2e
A5: Construction	N/A
B1: Refrigerant leakage during use	0.34 kgCO2e
B2: Maintenance (if information given by manufacturer)	N/A
B3: Repair	100 kgCO2e
B4: Replacement	N/A
B5: Refurbishment	N/A
B6: Operational energy	N/A
B7: Operational water	N/A
C1: Refrigerant leakage when decommissioning	0.02 kgCO2e
C2: Transport	2 kgCO2e
C3: Waste processing	15 kgCO2e
C4: Disposal	0.89 kgCO2e

**Embodied carbon results (kg CO2e) – without refrigerant leakage**

A1–C4 without buffer factor (excluding B1, C1)	1204 kgCO2e
A1–C4 with buffer factor (excluding B1, C1)	1565 kgCO2e

**Embodied carbon result (kg CO2e) – refrigerant leakage only**

B1 (refrigerant leakage during use) + C1 (refrigerant leakage at end of life)	0 kgCO2e
-------------------------------------------------------------------------------	----------

**Embodied carbon result with 'mid-level' calculation method – total**

Result of 'mid-level' calculation method	1,565 kgCO2e
------------------------------------------	--------------

**Assumptions**

A1: Material carbon coefficient source	CIBSE TM65, Table 2.1
B1: Refrigerant annual leakage rate (%)	N/A
C1: Refrigerant end of life recovery rate (%)	N/A
B3: Materials replaced as part of repair (%)	2
C4: Percentage of product going to landfill (%)	55

[CONTACT US](#)[WEBSITE](#)[SOCIAL](#)[hello@impact-loop.com](mailto:hello@impact-loop.com) ↗[impact-loop.com](https://impact-loop.com) ↗[LinkedIn](#) ↗© 2024 ImpactLoop [Terms & Conditions](#) [Privacy Policy](#)

This document, prepared by Join the Loop Ltd (trading as ImpactLoop), is intended for informational purposes only. While we have made every effort to ensure the accuracy and completeness of the information contained herein, we cannot guarantee its absolute accuracy. Join the Loop Ltd (trading as ImpactLoop) disclaims all liability for any errors or omissions, and for any direct or indirect damages arising from the use or reliance on this information. Specifications are subject to change without notice.