# TM65
# Mid-level Report

(Centre Bench Option R590): Reinforced (Centre Bench) Wktp., 700mm(d)., 300mm Length.

Assessment Date 01/10/2026

Manufacturer CED Fabrications

Contact Email sales@cedlimited.com

## Metrics

**Embodied Carbon**

6 kgCO2e

**Embodied Carbon Footprint**




## Product Information

| | |
|---|---|
| Capacity of equipment/size (kW; m3; litres; etc.) | N/A |
| Product weight (kg) | 1 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 | N/A |
| Refrigerant charge (kg) | N/A |
| Energy consumption of the factory* per unit of product | 0 kWh |
| Location of manufacture* | N/A |
| Product complexity category | 3 |

| Embodied carbon results (kg CO2e) — breakdown | |
|---|---|
| A1: Material extraction | 3 kgCO2e |
| A2: Transport | 0.51 kgCO2e |
| A3: Manufacturing | 0.82 kgCO2e |
| A4: Transport to site | 0.03 kgCO2e |
| A5: Construction | N/A |
| B1: Refrigerant leakage during use | 0 kgCO2e |
| B2: Maintenance (if information given by manufacturer) | N/A |
| B3: Repair | 0 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 kgCO2e |
| C2: Transport | 0.01 kgCO2e |
| C3: Waste processing | 0.2 kgCO2e |
| C4: Disposal | 0 kgCO2e |

| Embodied carbon results (kg CO2e) — without refrigerant leakage | |
|---|---|
| A1–C4 without buffer factor (excluding B1, C1) | 5 kgCO2e |
| A1–C4 with buffer factor (excluding B1, C1) | 6 kgCO2e |

| Embodied carbon result (kg CO2e) — refrigerant leakage only | |
|---|---|
| B1 (refrigerant leakage during use) + C1 (refrigerant leakage at end of life) | N/A |

| Embodied carbon result with 'mid-level' calculation method — total | |
|---|---|
| Result of 'mid-level' calculation method | 6 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 (%) | 10 |
| C4: Percentage of product going to landfill (%) | 55 |



© 2024 Niscai Terms & Conditions Privacy Policy

This document, prepared by Join the Loop Ltd (trading as Niscai). 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 Niscai) disclaims alt 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.