

# TM65

## Mid-level Report



QCB186V: Centre Bench 900mm(h) x 1800mm(l) x 600mm(d) - c/w 1x Storage Void Under

Assessment Date 08/05/2026

Manufacturer CED Fabrications

Contact Email sales@cedlimited.com

### Metrics

#### Embodied Carbon

**265** kgCO<sub>2</sub>e

#### Embodied Carbon Footprint



### Product Information

Capacity of equipment/size (kW; m3; litres; etc.)	N/A
Product weight (kg)	27 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	31 kWh
Location of manufacture*	N/A

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

A1: Material extraction	120 kgCO2e
A2: Transport	21 kgCO2e
A3: Manufacturing	34 kgCO2e
A4: Transport to site	1 kgCO2e
A5: Construction	N/A
B1: Refrigerant leakage during use	0 kgCO2e
B2: Maintenance (if information given by manufacturer)	N/A
B3: Repair	19 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	0.35 kgCO2e
C3: Waste processing	8 kgCO2e
C4: Disposal	0.13 kgCO2e

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

A1–C4 without buffer factor (excluding B1, C1)	204 kgCO2e
A1–C4 with buffer factor (excluding B1, C1)	265 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	265 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

ImpactLoop) 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.