

TM65

Mid-level Report



**QWS113HD2: Heavy Duty S/Steel Wall Shelf - 300mm(h) x 1100mm(l) x 300mm(d)
c/w 2x Support Buckets**

Assessment Date 08/05/2026

Manufacturer CED Fabrications

Contact Email sales@cedlimited.com

Metrics

Embodied Carbon

49 kgCO₂e

Embodied Carbon Footprint



Product Information

Capacity of equipment/size (kW; m3; litres; etc.)	N/A
Product weight (kg)	5 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	6 kWh
Location of manufacture*	N/A

Embodied carbon results (kg CO2e) – breakdown

A1: Material extraction	22 kgCO2e
A2: Transport	4 kgCO2e
A3: Manufacturing	6 kgCO2e
A4: Transport to site	0.2 kgCO2e
A5: Construction	N/A
B1: Refrigerant leakage during use	0 kgCO2e
B2: Maintenance (if information given by manufacturer)	N/A
B3: Repair	3 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	0.07 kgCO2e
C3: Waste processing	2 kgCO2e
C4: Disposal	0.02 kgCO2e

Embodied carbon results (kg CO2e) – without refrigerant leakage

A1–C4 without buffer factor (excluding B1, C1)	38 kgCO2e
A1–C4 with buffer factor (excluding B1, C1)	49 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	49 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.