TM65
Mid-level Report

MMPCO9 - (MMPCO9) Powder Coating Finish - MM900 Merchandiser (Hot Or Cold)

Assessment Date 15/10/2026

Manufacturer CED Fabrications

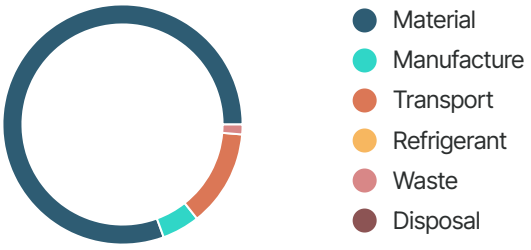
Contact Email sales@cedlimited.com

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	0.55 kgCO2e
A3: Manufacturing	0.23 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	0.06 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.