

TM65

Mid-level Report



PH6: Designline Hot Patiss 600mm (Self Help)

Assessment Date 15/01/2026

Manufacturer CED Fabrications

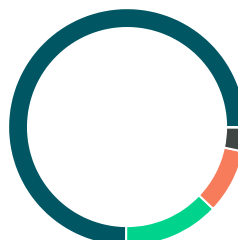
Contact Email sales@cedlimited.com

Metrics

Embodied Carbon

1,587 kgCO₂e

Embodied Carbon Footprint



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

Product Information

| | |
|--|---------|
| Capacity of equipment/size (kW; m3; litres; etc.) | N/A |
| Product weight (kg) | 127 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 | 147 kWh |
| Location of manufacture* | N/A |
| Product complexity category | 3 |

Embodied carbon results (kg CO2e) — breakdown

| | |
|--|-------------|
| A1: Material extraction | 716 kgCO2e |
| A2: Transport | 100 kgCO2e |
| A3: Manufacturing | 159 kgCO2e |
| A4: Transport to site | 5 kgCO2e |
| A5: Construction | N/A |
| B1: Refrigerant leakage during use | 0 kgCO2e |
| B2: Maintenance (if information given by manufacturer) | N/A |
| B3: Repair | 197 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 | 2 kgCO2e |
| C3: Waste processing | 40 kgCO2e |
| C4: Disposal | 0.62 kgCO2e |

Embodied carbon results (kg CO2e) — without refrigerant leakage

| | |
|--|-------------|
| A1–C4 without buffer factor (excluding B1, C1) | 1221 kgCO2e |
| A1–C4 with buffer factor (excluding B1, C1) | 1587 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 | 1,587 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 (%) | 5 |
| C4: Percentage of product going to landfill (%) | 55 |

[CONTACT US](#)[WEBSITE](#)[SOCIAL](#)hello@impact-loop.comimpact-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.