

# TM65

## Mid-level Report



(DU345) Back Bar Three Drawer Unit (Locking Draw Type) - 450(l) x 560(d) x 945(h)

Assessment Date 30/07/2026

Manufacturer CED Fabrications

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### Metrics

Embodied Carbon

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

### Embodied Carbon Footprint



### Product Information

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| Capacity of equipment/size (kW; m3; litres; etc.)                  | N/A    |
| Product weight (kg)                                                | 29 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             | 33 kWh |
| Location of manufacture*                                           | N/A    |
| Product complexity category                                        | 3      |

| Embodied carbon results (kg CO2e) — breakdown                                 |                       |
|-------------------------------------------------------------------------------|-----------------------|
| A1: Material extraction                                                       | 122 kgCO2e            |
| A2: Transport                                                                 | 23 kgCO2e             |
| A3: Manufacturing                                                             | 36 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                                                                 | 0.38 kgCO2e           |
| C3: Waste processing                                                          | 9 kgCO2e              |
| C4: Disposal                                                                  | 0.14 kgCO2e           |
| Embodied carbon results (kg CO2e) — without refrigerant leakage               |                       |
| A1–C4 without buffer factor (excluding B1, C1)                                | 210 kgCO2e            |
| A1–C4 with buffer factor (excluding B1, C1)                                   | 273 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                                      | 273 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                    |



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