

CIBSE TM65 Embodied Carbon Mid-Level Calculation

MAXXflo EVO Lite SC45/201

7800600

Assessment date:	25th September 2023
Assessor:	Self Assessment
Organisation:	Andrews Water Heaters

Embodied Carbon Result with 'Mid-Level
TM65 Calculation' Method Total (kg CO₂e):

1040.97

Product information

Type of product:	Boilers
Capacity of equipment (kW):	45
Product weight (kg):	120.3
Material breakdown for at least 95% of the product weight?:	Yes
Service life of the product (years):	20
Location of manufacture:	United Kingdom
Product complexity:	Category 3: High





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Embodied carbon results breakdown (kg CO₂e)

A1: Material extraction:	656.91
A2: Transport:	123.86
A3: Manufacturing:	128.02
A4: Transport to site:	6.19
B1: Use:	0
B3: Repair:	91.5
C1: Deconstruction:	0
C2: Transport to waste processing:	2.06
C3: Waste processing:	32.01
C4: Disposal:	0.42

Assumptions

A1: Material carbon coefficient source:	TM65 Table 2.1
A2: Transport:	TM65 Assumption
A3: Manufacturing:	TM65 Assumption
B3: Materials replaced as part of repair (%):	10%
C4: Percentage of product going to landfill (%):	30%

Sales 0345 070 1055

Technical 0345 070 1057

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