

CIBSE TM65 Embodied Carbon Mid-Level Calculation

MAXXflo EVO Lite SC15/201

7800598

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

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

1013.59

Product information

Type of product:	Boilers
Capacity of equipment (kW):	15
Product weight (kg):	117.50
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:	638.76
A2: Transport:	120.98
A3: Manufacturing:	125.04
A4: Transport to site:	6.05
B1: Use:	0
B3: Repair:	89.08
C1: Deconstruction:	0
C2: Transport to waste processing:	2.02
C3: Waste processing:	31.26
C4: Disposal:	0.41

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%

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Technical 0345 070 1057

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