

CIBSE TM65 Embodied Carbon Mid-Level Calculation

MAXXflo EVO CWH 30/301

7726950

Assessment date: 25th September 2023

Assessor: Self Assessment

Organisation: Andrews Water Heaters

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

1496.45

Product information

Type of product:	Boilers
Capacity of equipment (kW):	28
Product weight (kg):	180
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:	927.36
A2: Transport:	185.33
A3: Manufacturing:	191.55
A4: Transport to site:	9.27
B1: Use:	0
B3: Repair:	131.35
C1: Deconstruction:	0
C2: Transport to waste processing:	3.09
C3: Waste processing:	47.89
C4: Disposal:	0.62

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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