

CIBSE TM65 Embodied Carbon Mid-Level Calculation

AquaHeat HD/HWI 12/50

Including Heat Meter and Mercurius 7892284

Assessment date:	27/08/25
Assessor:	Self Assessment
Organisation:	Baxi



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

209

PRODUCT INFORMATION

Type of product:	Heat Interface Units
Capacity of equipment (kW):	50kW
Product weight (kg):	11.63Kg
Material breakdown for at least 95% of the product weight?:	Y
Service life of the product (years):	20 Years
Location of manufacture:	Arnhem, Gelderland, NL
Product complexity:	Category 3



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EMBODIED CARBON RESULTS BREAKDOWN (kg CO₂e)

A1: Material extraction:	134 KgCO ₂ e
A2: Transport:	9 KgCO ₂ e
A3: Manufacturing:	0 KgCO ₂ e
A4: Transport to site:	2 KgCO ₂ e
B1: Use:	0 KgCO ₂ e
B3: Repair:	15 KgCO ₂ e
C1: Deconstruction:	0 KgCO ₂ e
C2: Transport to waste processing:	0 KgCO ₂ e
C3: Waste processing:	0 KgCO ₂ e
C4: Disposal:	0 KgCO ₂ e

ASSUMPTIONS

A1: Material carbon coefficient source:	Source= CIBSE TM65
A2: Transport:	9 KgCO ₂ e
A3: Manufacturing:	0 KgCO ₂ e
B3: Materials replaced as part of repair (%):	10%
C4: Percentage of product going to landfill (%):	30%

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