

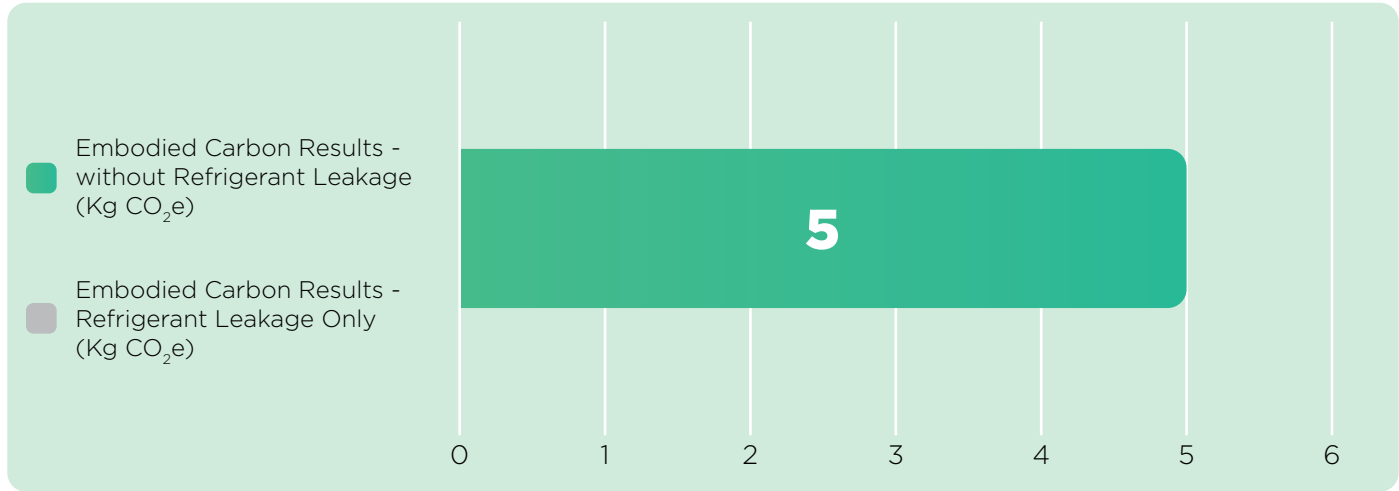
TM65 Calculation: X-POT Bag Filter (1, 5, 25, 50, 100 Microns)

CIBSE TM65 Embodied Carbon 'Basic' Calculation

Assessment Date	01st September 2025
Assessor	Self Assessment
Organisation	VEXO International Ltd
Contact	info@vexoint.com

Embodied Carbon Result with 'Basic' TM65 Calculation Method Total:

5 (Kg CO₂e)



Product Information

Type of Product	Other
Capacity of Equipment	-
Product Weight	0.10 KG
Material % Breakdown for at Least 95% of the Products Weight	Yes
Product Service Life	3 Months
If Refrigerant Based, Type of Refrigerant Used and GWP	N/A
Energy Consumption of the Factory per Unit of Product	0.01 kWh
Location of Manufacture	United Kingdom
Product Complexity Category	Category 3



Embodied Carbon Results (kg CO_{2e}) - W/O Refrigerant leakage

A1: Material Extraction (Original Product)	0KG CO _{2e}
A1: Material Extraction (Components that are replaced in B3)	2KG CO _{2e}
A1-A4, B3, C2-C4: Total Embodied Carbon with Scale-Up and Buffer Factor (Excluding Refrigerant Leakage)	5KG CO _{2e}

Embodied Carbon Results (kg CO_{2e}) - Refrigerant leakage only

B1: (Refrigerant Leakage During Use) + C1: (Refrigerant Leakage at End of Life)	N/A
--	-----

Embodied Carbon Results with 'Basic' Calculation Method (kg CO_{2e}) - Total

Result of 'Basic' Calculation Method	5KG CO _{2e}
---	----------------------


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 (%)	CIBSE TM65, Table 2.1

Interested in learning more about how the VEXO X-POT can reduce your building's energy consumption and operational embodied carbon? Contact a VEXO specialist today for a personalized consultant and a detailed analysis of your system's potential for improvement.



Telephone: 01767 500 150
Email: info@vexoint.com
Website: www.vexoint.com



Visit Our LinkedIn:
[VEXO International](#)

United Kingdom, VEXO International UK Ltd, 6 The Granary Building, Millow Hall Farm, Millow, Biggleswade, Bedfordshire, SG18 8RH, UK

VEXO reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. VEXO International is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied to the company's general conditions of sale, a copy of which is available on request. Third-party products and brand names may be trademarks or registered trademarks of their respective owners.