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1.0 INTRODUCTION

As a business that takes pride in the quality of our products, Amazon Filters also takes our responsibility to the environment seriously, and we know this is increasingly important to our customers.

We wish to lead by example and to strive to reduce our environmental impacts right across our business activities. We are going beyond just the legal requirements to report our direct (Scope 1 & 2) greenhouse gas emissions, which represent the minority of our total emissions. We also recognise an increasing demand on our customers to report the environmental impact of their supply chains and we are pleased to support them with this by openly sharing our Scope 3 data.

In recent years we have taken steps to reduce our energy consumption, and our intensity has improved as a result (emissions relative to revenue). As we continue to grow, we have identified further priorities which will help us decouple business growth from increased emissions. This document sets out our decarbonisation plans for the near term-future.

2.0 METHODOLOGY

Carbon Footprint FY 2023/24 (“baseline”)

In 2024 we measured our total GHG footprint using the GHG Protocol<sup>1</sup> methodology and employing UK Government annual conversion factors<sup>2</sup>. Emissions are calculated based on activity levels (kWh, mileage travelled, weight of waste etc), not on spend, in order to be more accurate and consistent year on year.

Due to incomplete data on materials purchased, these are excluded from this footprint for the baseline year.

The company’s total measured emissions in the 12 months to Feb 2024 was 710 tonnes CO<sub>2</sub>e. This is 16.2 tonnes per £m turnover, and 2.8 tonnes per FTE.

Our 2023 full year footprint was calculated by analysing these activities:

- Energy usage (Scopes 1 & 2): 560 tonnes
- Staff commuting: 143 tonnes
- Waste (none to landfill): 7 tonnes

<sup>1</sup> <https://ghgprotocol.org/corporate-standard>  
<sup>2</sup> <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2024>

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**3.0 DECARBONISATION PLANS**

Numerous actions have already been taken to reduce emissions over an extended period of time. Recent activities include:

A. Energy Usage:

- A much more energy efficient air compressor was installed in Jan 2023.
- An air flow extraction system was installed to improve air conditioning efficiency in Jan 2024
- The installation of motion sensor lighting and replacement of high energy lighting with LED
- An awareness campaigns to encourage staff to turn off lights, air conditioning & equipment when not in use
- An extensive insulation programme for high heat generating production equipment

B. Waste:

We have zero waste to landfill. All waste is recycled by various specialist collectors:

- General waste: zero to landfill, as it all goes to energy recovery
- Polypropylene and nylon are exported to a specialist R3 recycler in Poland
- Cardboard and LPDE is all baled and recycled for which we are reimbursed
- All scrap metal is collected and recycled by a scrap metal merchant, and we are reimbursed for this
- Wooden pallets are collected and reused. We are certificated under the PRS Green Label scheme.

Total emissions from waste are therefore very low at just 6.6 tonnes

C. Packaging Materials:

Many improvements have already been implemented in outbound packaging e.g. more efficient packaging of cartridges in multiples, using crinkled paper instead of bubble wrap protecting items, replacement of PVC tape with paper, use of thinner gauge plastic bags etc.

We have also implemented a number of inbound packaging improvements including return and re-use of boxes from local suppliers and multiple product boxing to reduce cardboard usage.

**4.0 CARBON REDUCTION ACTION PLAN 2025 TO 2030**

We have identified the following priorities for the next 5 years to ensure continuous reduction in our emissions intensity, despite anticipated business growth:

- More granular emissions assessment of all purchased materials used in production
  - Improved reporting and collaboration with key suppliers
  - Accurate recording of all materials purchased weight, and distance travelled inbound from suppliers

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- We are prioritising reporting emissions from our stainless steel, nylon and polypropylene pellets, and packaging materials (wood, card and plastics) due to the quantities purchased and the intensity of their emissions
- Recycled content of stainless steel to be ascertained/reported by suppliers where sources are traceable
- Product level carbon foot printing for key lines to be developed
- Further energy efficiencies in operations and in heating our buildings:
  - Reduce heat loss from warehouses through better shuttering/air curtain solutions, or dividers, between static team areas and warehouse activity
  - Increased monitoring and individual building visibility of consumption levels, and target setting internally
  - Increase our purchasing of renewable energy/green tariffs
  - Invest in buildings performance improvements e.g. to retire old oil burners and replace them with efficient electric space heaters
- Request emissions reporting from key outbound freight carriers, to start to track weight and mileage travelled by sea and air, globally

## **5.0 KEY RISK AND UNCERTAINTIES**

We will address absolute emissions reduction targets once we have a more complete picture of our Scope 3 emissions, at which point we will have more confidence in an achievable rate of improvement.

The accuracy of our Scope 3 reporting will rely on receiving high quality data from our key suppliers, such as traceability of specific materials that we purchase, and the embedded carbon in those materials. We understand that all manufacturers are improving their reporting capabilities in this area and will seek to work closely with our suppliers to achieve this.

Our energy consumption related to heating and building management depends in part on our landlord and the material restrictions of our rented units, although there are some improvements that will be within our control.

## **6.0 DECLARATION AND SIGN OFF**

Signed:



Position: Managing Director

Date: 17/01/2025

Date of next review 17/01/2026