

Trusted Specialists in Corrosion-Resistant Plastic Fans

High-performance plastic extract fans for chemical, lab, and industrial environments. Manufactured from polypropylene and uPVC, our fans are designed to remove corrosive fumes safely and reliably, without the risk of corrosion. Built in Manchester. Made to last.



Industrial Fans Engineered for Corrosive Applications

APMG Plastics manufactures a wide range of corrosion-resistant plastic extract fans designed to move air safely in aggressive environments. Whether you need a centrifugal fan for lab extraction or a bifurcated fan for easier duct route, we'll help you find the right solution.

Manufactured from **polypropylene and/or PVC**, our plastic fans are designed to handle the **widest range of chemical fumes** at temperatures up to **40°C**.

❁ E-Series Fans

Designed for, but not limited to, the fume cupboard market. 95% of the steelwork has been mitigated to offer greater corrosion resistance. Clear 'Integra-flex' uPVC inlet and outlet duct connections ensure ease of installation and offer a significant cost saving as additional ancillary items are not required.

❁ G-Series Fans

Our most popular fan range has a multitude of rotational discharge angles to accommodate more intricate duct systems and allow improved system flow. Suitable for laboratories, modular systems and general-purpose extraction.

❁ H-Series Fans

This tough, heavy-duty fan range is ideally suited for medium to heavy-duty applications due to its deep vane forward curved design. Its wide array of rotational discharge angles accommodates complex duct systems and facilitates enhanced system flow.

❁ B-Series Bifurcated In-Line Fans

Hard-wearing in-line bifurcated fans with an axial flow unit. Designed for higher volumes of air against lower system resistances. The motor is fully isolated from the airstream. Ideal for humid or highly contaminated airflow in, for example, chemical processing, wastewater systems, or general ventilation.

❁ BI-Series Backward Inclined Fans

Our backward inclined centrifugal fans provide several benefits, including higher efficiency, quieter operation, and a wider operating range compared to forward-curved fans. They are recommended for applications requiring medium static pressure, such as HVAC systems, and industrial ventilation.

Each fan is custom-built to suit your duty requirements, with expert support throughout.



The APMG Plastics Advantage

Cost-Effective Corrosive-Resistant Plastic Fans

Built for Corrosive Atmospheres

Unlike metal fans, our plastic extract fans won't rust or degrade when exposed to harsh chemicals.

Cost-Effective & Long-Lasting

High durability and low maintenance make plastic fans a smart investment for chemical extraction.

Manufactured in Manchester

We design and build all fans at our UK facility using precision welding and plastic fabrication techniques.

Expert Technical Advice

Our fan specialists can help specify the right fan and provide detailed documentation for each unit.

CAD-Ready for Smooth Integration

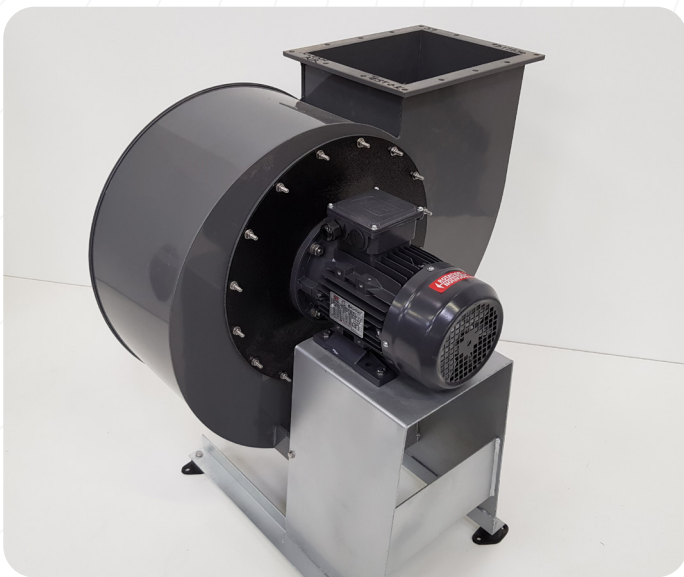
We can supply:

- Noise & motor data
- O&M documentation
- Material data sheets
- AutoCAD drawings
- Revit families

How We Work

Your Project, Seamlessly Delivered

- **Consultation:** Understanding your exact needs
- **Design:** Smart, practical solutions, CAD-drawn and Revit-modelled
- **Manufacture:** High-quality production using top-grade materials
- **Delivery & Installation:** On time and to specification



Need Something Unique?

All our fans are made to order. We can accommodate various motor IP ratings, and special inlet and outlet transformational sections. Just ask.

