



Noise Control

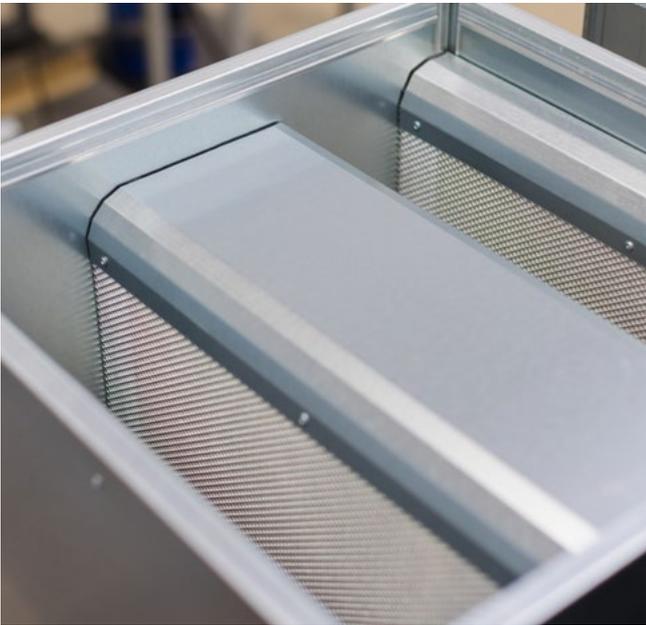
**ELTA**



Privately owned and managed with enthusiasm, drive and determination, Elta is an internationally recognised brand committed to leading the world in product and technical ingenuity through our operations in Europe, Asia and Australasia.

**Elta has been designing and manufacturing market-leading ventilation products for over five decades.**

Elta's noise control products are crafted in-house at our dedicated manufacturing facility in Colchester, UK. This allows us to meet competitive lead times, and provide our customers with quality service every time.



# OUR NOISE CONTROL PRODUCTS

**We cover both Industrial and Commercial applications. Whether you're grappling with HVAC noise and need ducted attenuators or require tailored solutions for an environmental noise control project, we're here to help.**

## **Attenuators**

Attenuators, also known as duct silencers or mufflers, are used to reduce the noise generated by fans and HVAC systems. We manufacture both custom and off-the-shelf solutions, including our standard rectangular and circular silencers.

## **Acoustic Louvres**

We also engineer acoustic louvres designed to minimise noise while allowing air to pass through. Commonly used in buildings and industrial settings, these louvres are ideal for ventilation systems and air handling units.

## **Acoustic Enclosures**

When significant breakout noise issues arise from machinery or plants, an acoustic enclosure is often required. Acoustic enclosures contain and reduce noise pollution. We offer a complete solution, from planning and design through to installation.



## CIRCULAR SILENCERS

**Our circular silencers, available in spigot-mounted and fan-mounted types. Sizes range from 100mm to 1600mm and handle temperatures up to 70°C. We also offer bespoke lengths and diameters.**

This can include, but not limited to, the following specifications:

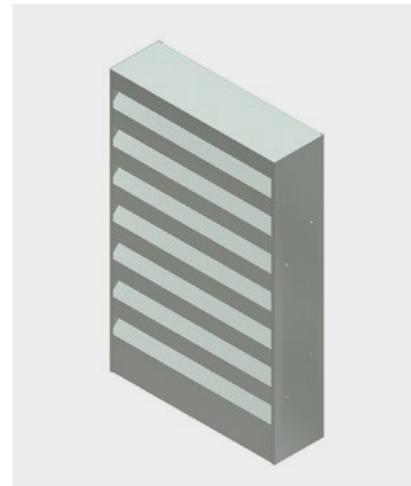
- Full fabrication and welded seams
- Stainless steel specification
- Heavy-duty gauges up to 10mm



## RECTANGULAR SILENCERS

**Our rectangular silencers, available in standard lengths from 600mm to 2400mm, are ideal for use with AHUs and plant systems. Our silencers can be customised to your requirements.**

In addition to standard silencers, we offer access panels, bend silencers, and modular rectangular silencers, all of which can be customised to your requirements. All components are manufactured from mill finish hot dip galvanised mild steel conforming to EN10327 (BS2989).



## ACOUSTIC LOUVRES

**Commonly used in buildings and industrial settings, these louvres are ideal for ventilation systems and air handling units.**

- Available in any width
- Fully hot dip galvanized for longevity
- Available in 150mm, 300mm, and 600mm
- Optional bird mesh panel
- Suitable for external use
- Paint option available



## ACOUSTIC ENCLOSURES

**When significant noise issues arise from machinery or plants, an acoustic enclosure is often required. Acoustic enclosures contain and reduce noise pollution. We offer a complete solution, from planning and design through to installation.**

We have extensive experience in designing and manufacturing enclosures for a wide range of uses, including combined heat and power projects, engine enclosures, full plant room treatments, residential heat pumps, and rooftop plant areas.



## ACOUSTIC ANCILLARIES

From flanges to feet, we manufacture and provide all accessories for our range of products.

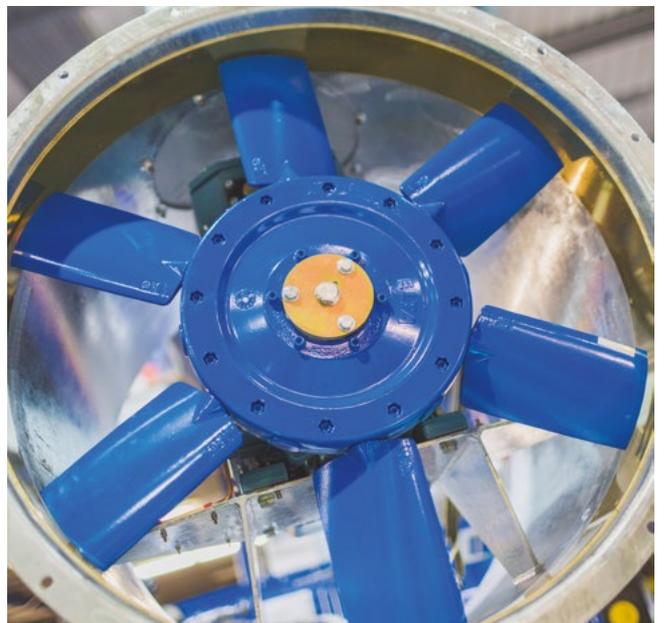
# OUR MANUFACTURING CAPABILITY

Elta have **5 manufacturing sites** across the UK & Ireland, with more internationally, creating everything from small residential fans, to industrial fans for oil rigs and hospital specification Air Handling Units.

All noise control products are crafted in-house at our manufacturing facility in Colchester, UK. Our team comprises of fully qualified and **MIOA registered** acoustic engineers, enabling us to deliver industry-leading engineering solutions for a wide array of noise control challenges.

Our commitment to quality drives continuous investment in the latest product design software and production planning systems to streamline internal processes. All components are crafted using our Fiber Laser, CNC metal folding, and metal spinning machines to achieve finer tolerances and eliminate human error during assembly.

Our dedication to excellence is evident throughout our operations, managed according to **ISO9001:2015** quality standards.





**ELTA** AIR MOVEMENT  
AIR QUALITY

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