

# Grayson. Your global partner.

From the heart of the Midlands UK, we are proud to be a global leader in the design and manufacture of thermal management systems for vehicle and industrial equipment manufacturers and operators worldwide.

## OUR WORLDWIDE AGENTS



## OUR HEADQUARTERS

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 **Grayson**  
THERMAL SYSTEMS

## CREATING THE FUTURE OF THERMAL MANAGEMENT

 **Grayson**  
THERMAL SYSTEMS





# WE TAKE THE HEAT

When the pressure is on and you need the products, service and advice to get the job done, we are here for you. With generations of accumulated experience, no problem is new to us. We have built our reputation as global leaders by producing highly innovative solutions that can be trusted to perform, and by taking a 'can do' approach that gets the job done time after time.

Although we are a highly technological engineering company, it is our people who set us apart. From the shop floor to the boardroom our passion to exceed your expectations has been key to building long-term relationships with the most respected manufacturers in the industry. Throughout our history we have embraced new technology to keep us at the forefront of the industry. We are continually discovering innovative ways to produce breakthrough products, and are researching and developing systems that use energy more efficiently - the environment is a priority in our thinking.

Our ongoing investment programme has helped us create world-class manufacturing facilities that can consistently produce better, more technically advanced products than ever before. We also offer an extensive after sales facility that supports the longevity of our systems. In short, we have the people, products, technology, validation and after sales support that make us the first choice to deliver for you.





# GENERATIONS OF EXPERTISE

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Today, Grayson Thermal Systems is a specialist engineering company with a strong reputation for quality, innovation and for working in partnership with customers to develop and supply solutions to specific business issues

We design and manufacture OE and aftermarket heating and cooling products for buses and coaches, specialist off-road vehicles and commercial vehicles, and our customers include some of the best-known OE manufacturers and operators.

We are a proud Birmingham business with two extensive manufacturing facilities, dedicated engineering, research and test operations, and a separate service centre. From the heart of England we serve customers in Britain and right around the globe, including China, the US, Eastern and Central Europe and New Zealand. It's our ambition to grow our overseas presence still further so we have opened Grayson Corp. in North America and

Grayson Poland, and plan a further programme of satellite businesses across the world.

So Grayson has come a long way since 1978, when Graham Hateley opened a car radiator repair business from a small unit in Hay Mills, Birmingham. Now, it's a proud family-run business with an excess of 230 employees, including three generations of the Hateley family.

More importantly, we're still brimming with new ideas to take us - and our customers - through the next generations.



# PRODUCTS & MARKETS

We have an extensive range of high quality products and systems for a broad spectrum of cooling, heating, and ventilation applications. From complete air conditioning systems to a single hose, it's probable that we already have the product you need. If, however, you have a particular specification that cannot be met by one of our existing products, we have the expertise and the manufacturing facilities to be able to design a bespoke solution from concept to delivery.

We serve many different markets globally, each with its own different design, climatic and operational challenges.

## PRODUCTS

### Aluminium Brazed Products

- Charge Air Coolers
- Heater Coils
- Heat Exchanger Cores
- Oil Coolers
- Radiators

### Complete Cooling Modules & Associated Components

- Coolant Reservoir Tanks
- Electric Fan Systems
- Fans
- Fan Hubs
- Hydraulic Fan Drives
- Side-by-side Coolers
- Stack Systems
- Temperature Switches

### Tube/Shell Coolers

- Automotive Oil Coolers
- Industrial Heat Exchangers

### Hoses

- Silicone Hoses – Charge Air
- Silicone Hoses – Coolant
- Silicone Hoses – Flexi Hose

### Copper Brass Heat Exchangers

- Copper Brass Radiator Cores (Bolted/Pressed Plate)
- Copper Brass Heater Coils
- Heavy Duty Bolted Tank Radiators
- Pressed Tank Radiators

### Heating Ventilation & Air Conditioning (HVAC) Systems/Components

- Air Moving Components (Blowers/Vents/Trunking)
- Blown Air Heating Systems
- Compressors
- Conditioning Systems
- Convector Heating
- Coolant Moving Components (Boost Pumps/Hoses/Water Valves)
- Driver/Defrost Heat/Air
- Electric Cab AC
- Full AC Systems

### Reservoir Tanks

- Coolant Header Tanks
- Diesel Fuel Tanks
- Hydraulic Reservoir Tanks

## MARKETS

Agriculture | Tractors

Airport Support Vehicles | Airplane Tugs

Bus & Coach

Commercial Vehicles | Truck

Custodian Vehicles

Engine Manufacturers

Handling Equipment | Forklift

Hybrid & Electric Vehicles

Military

Off Highway Vehicles

Performance Car Market | Enhanced Car Market

Power Generation | Generators (Gen Sets)

Rail

Recreational Vehicles

Specialist Vehicles

Welfare | Emergency Vehicles





# MANUFACTURING



## DESIGN

Thermal management is a highly specialist area where a wide range of factors are crucial. Our highly experienced design team are experts in crafting solutions to the most challenging of specifications. Each of our products is a complex mix of components that need to be designed to work in harmony with each other; that's exactly what we do, leaving you one less problem to solve.

## VALIDATION

Heat exchangers are subjected to a range of potentially damaging forces. Thermal expansion, pressure pulsation, and vibration will all cause fatigue and eventual failure if the product is not designed and installed correctly. Our testing regime and validation process ensures that when you specify a Grayson product, you can have total peace of mind that it will perform above and beyond your specification.

## PRODUCTION

We have constantly reinvested in the latest technology so, whatever your manufacturing requirements, we can consistently deliver what you need. The key to our success lies in our flexibility. We can produce low-medium volumes, manufacture in different materials or produce bespoke designs so you never need to compromise.

Your partner for the journey ahead

## AFTERMARKET PARTS DIVISION

A comprehensive parts network worldwide ensures that our customers' tough standards are met. Grayson has a global network of distributor locations which can be found on [www.graysonts.com](http://www.graysonts.com).

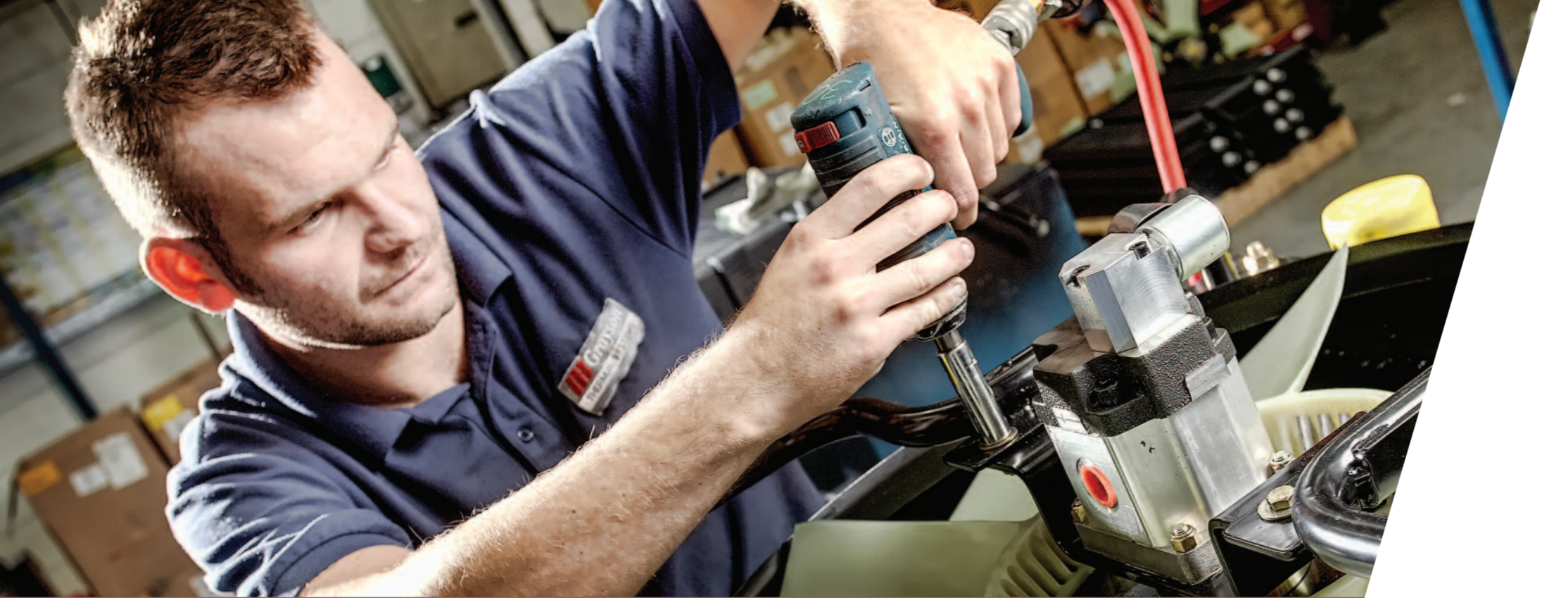
Our dedicated team of experienced and knowledgeable customer service specialists are ready at the end of the phone to answer any questions you might have. They have information at their fingertips for Grayson's 3,000 plus part numbers.

## SERVICE

Grayson Service offers comprehensive service packages for our customers, including:

- Aircon servicing and repair
- Engine cooling system maintenance
- Heating system diagnostics
- Servicing and repair of Firetrace fire suppression systems
- Fuel tank replacement





## QUALITY

We are committed to building trust with our customers by dedicating ourselves to achieving world-class quality, superior customer support and outstanding value. We operate an effective Quality Management System that has allowed us to be certified according to ISO9001:2008 regulations. We know that our continued success lies in creating your success, which is why we only supply products with excellent performance and reliability.



## Global Support and Supply

### Sales Offices

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