



A WORD FROM STUART HATELEY MANAGING DIRECTOR

I am writing this article from the tropical UK as temperatures soar well above the normal UK ambient, a picture repeated in lots of other parts of the world.

As you might imagine our Parts & Service division have been incredibly busy over the last 10 weeks supporting customer AC systems and engine cooling systems and the team have worked incredibly hard to keep up with unprecedented aftersales order levels. It has also proved the first major test for our EV Battery Thermal Management Systems and we are delighted with the results.

Battery temperatures have been maintained at the target temperature 25°C (77°F) in the hottest European and North American climates where temperatures have soared to near record values 47°C (116°F).

The opening of our new Global Service HQ, with direct UK workshop facilities could not have come at a better time with the influx of after sales business in recent weeks. This coupled with on-going E Drive fitment programs to UK buses means we are producing over 12000 cooling modules per annum.

Whilst viewed as a smaller player in the North American market, it surprises many that Grayson build more electric fan cooling systems for the global transit bus markets than our North American competitors combined. Our dedicated engineering team which is made up of Thermal, Refrigeration and Controls specialist are at the heart of what we do, and whilst traditional products are still selling in high numbers, our extensive New Product Development program is driving the future of our business. Our team of Business Development Managers are out there understanding the customer needs for the next generation of vehicle cooling and heating systems.

As we celebrate 40 years in business this huge technological change to zero emission vehicles will feature greatly in the next decade of our proud history.

GRAYSON FUNDRAISING CHARITY GOLF DAY

We are proud to say we have raised over £3,200 for The Cure Parkinson's Trust at our charity golf day held at Stonebridge Golf Club on Thursday 17th May 2018.

The winning team were Sameday Transport Services and Sertec Group were the runners-up. Congratulations!



CURE FOR PARKINSON'S

Fynlee Hateley has been fundraising for The Cure Parkinson's Trust with a cake sale and Swimathon over the last couple of months. He did his 2.5 mile swim on Sunday 26th July and completed it in 1 hour 43 minutes!

The total is up to £750 for his efforts and will now continue to try and reach his £1,000 target to help research to cure Parkinson's disease that sadly his Grandma (GTS Co-founder) died of in 2015.



RAISED SO FAR
£750
TARGET
£1000

The
Cure
Parkinson's
Trust

SILICONE HOSE GRAYSON COMPONENT

HOSE INFORMATION

Our silicone hoses are designed to connect metal pipe work and components, in systems using water and ethylene glycol based coolants. Manufactured from only the highest quality silicones and reinforcement fabrics, silicone hoses are designed to operate at temperatures from -50°C upto +180°C and at operating pressures of 2.5 - 4 bar.

The Silicone Hose we have available:

90° ELBOW HOSE STRAIGHT HOSE REDUCER HOSE



CURVED HOSE 90° ELBOW REDUCER HOSE



QUALITY & RELIABLE
SILICONE HOSE

Speak to us
We can make bespoke
hose kits to suit
your needs

Just ask one of your Business Development Managers for more information

LOOK OUT FOR
OUR NEW
4PLY RANGE
COMING SOON



MACHINE DE-COMMISSIONING GRAYSON BLAST FROM THE PAST

Graysons are currently de-commissioning the firms oldest machine, the Drummond Asquith "Hi-Ton" press. The machine was produced in Birmingham in 1961, and was originally owned by Lucas, who manufactured everything from bicycle lamps to car horns.

The machine still bears a brass plate with the asset number for Lucas. At some point the machine has ended up in Scotland, only to find its way back to Birmingham and has been used by Grayson's for many years to punch radiator tube plates as well as a multitude of other light press work.

The Hi-Ton is being replaced with a smaller hydraulic press more suited to the light press work required by today's production, but the machine's life is not over... Still in serviceable condition it will be sold and find its way to yet another shop floor.



Our Grayson label from 1970/80's



Images and adverts for the de-commissioned Drummond Asquith Hi-Ton Press.



ANOTHER HAPPY CUSTOMER

Acklams Coach were the first company to experience servicing at our new servicing facility, Kingpin, which has replaced Elmdon.

The new facility is a dedicated 26,000ft² multi-use unit housing our bus, coach, CV and specialist vehicle service centre, production for our traditional HVAC products and our latest E-Mobility range.

Grayson Kingpin Service Centre has replaced our previous site Elmdon, but remains in a central location with even easier access and better facilities for our customers. Multiple sectors will be serviced including Bus, Coach, and Off-Highway.

Pictured to the right is one of our service engineers testing the Acklams Coach.



OUR FIRST COLLECT AND RETURN FUEL TANK REPAIR AT THE KING PIN SITE

Our first fuel tank replacement with National Express West Midlands.

Bus & Coach tanks lead a hard life, external damage to the tank and filler neck is a common problem. Internal and external corrosion can lead to seeping and eventually a major leak.

We are experts when it comes to fuel tank repairs, we can repair bus or coach stainless steel, steel or aluminium fuel tanks. Our experienced team have been repairing fuel tanks for over 30 years for all bus and coach customers. We also offer a replacement fuel tanks service with optional fitting.

FUEL TANKS

We can supply a range of fuel tanks to suit your vehicles.



FLYING THE FLAG GRAYSON ENGINEERS IN NORTH AMERICA



It's not all work! Here is Vic enjoying some down time in St Louis Bar & Grill, Vaughan, Ontario.

Our Installation Engineer Vic Lee has been working in Canada and the USA for more than two months. He has been supporting ADL North America and Go Transit Metrolinx.

This image is with the production team at ADL Pippin Road chassis production plant, after finishing chassis, in front of a finished ADL E500 Superio ready for delivery to Metrolinx.

Pictured is Vic with the ADL service team engineers from Australia, Scotland, England & Canada who are all working together.

Here is Vic training Suresh Patel & Pradip Patel, ADL Electrical Production staff in GTS fan control software at ADL Chassis Production Facility, Pippin Road, Vaughan, Ontario.



VOLVO HINGED COOLING PACK

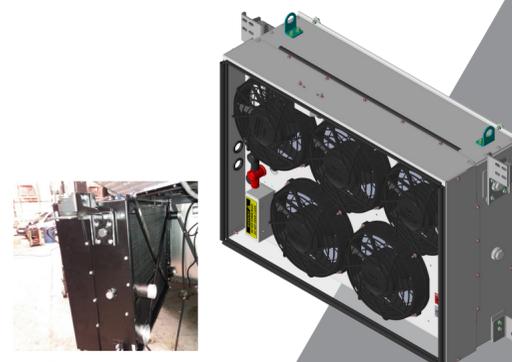
Grayson Thermal Systems have engineered a swing out electric fan cooling module for the Volvo B8RLE chassis, Wrightbus body. Operating on the Euro 6 engine the swing out module offers serviceability and maintenance benefits to vehicle operators including;

- Improved accessibility to the engine bay;
- Access to clean out the rear of the cooling module;
- Quick and easy replacement of radiator and intercooler inserts.

The innovative system was developed by Grayson in-house Design Engineers and retro-fitted at our Aftersales fitting centre in February 2018. Operating trouble-free throughout the hottest summer since 1976

It is important the aluminium cores are kept clean and free from debris. A clogged radiator and intercooler reduce the cooling output which can lead to vehicle overheats. Other effects of poor maintenance can be; increased manifold temperatures, premature fan motor failures and increased fuel consumption.

Grayson recommend regular service and maintenance of engine cooling modules; please speak to your Sales team for more information on the packages available for your fleet.



EUROBUS 2018 VISIT GRAYSON



UPCOMING EXHIBITIONS

In 2018 we are exhibiting at

Come and find us...

Eurobus UK | NEC
30th OCT - 1st NOV

VISIT US ON STAND E20



Our showcase will include a range of our products focusing on our E-Mobility range for electric and hybrid vehicles. Products included will be our E-Drive, Electric Water Pump, Electric Water Heater, BTMS (Battery Thermal management System) and our newest product the Grayson eComfort.



For this exhibition we will be using our modular stand which was a hit at APTA 2017 in the USA.



We will also be hosting a Grayson Curry Night after the show where we invite you to join us to celebrate 40 years of Grayson Thermal Systems.

Let us know if you would like to come along.

You can also contact us on sales@graysonts.com or 0121 700 5600 to book an appointment.

Visit www.matcoeng.com to find out more



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RUN DRY PROTECTION



24V ELECTRIC WEG PUMP

Best performing pump on the market now has no Media Present Function introduced.

Many of the Grayson customers have asked the question 'Can you run your pump dry?' and of course the answer is NO. The pump, as per over 95% of all well designed and manufactured pumps, has a mechanical seal and should never be run dry.

A well designed system should always have an integrated level switch to protect critical components, to ensure in the event of a leak, the components are protected.

There have been a number of occasions, at the commissioning stages, the Grayson WEG pump has been run dry by the OEM and a seal has been damaged.

To protect from this, Grayson has now upgraded the pump firmware and the pump will now, if no coolant is present, attempt to start for a number of five times and if coolant is 'not present' will stop running. The client will then need to re-start/repower the pump and the pump will repeat the cycle.

A BIG THANK YOU

TESTIMONIAL

Jon Eardley
Engineering Director - Abellio UK Bus
Highly recommend these guys. Professional and swift to act. The 'Flying Doctor' service they provide has been an essential part of supporting our 800 vehicle fleet during this heatwave.
Like Reply 4 Likes

"Following a meeting with Abellio on Friday I just wanted to say a BIG THANK YOU for the efforts made in getting the vehicles completed to the standard required on Fire Suppression and Induction Loop.

Abellio have confirmed that, from the audit that took place some weeks ago, they have been awarded a "GOOD" which they have never reached before.

They are over the moon with this result as a lot of time, management and investment has been put into this project. We need to continue with the great work reported so we can keep on top of our game.

Abellio have plans to continue to work even closer with us in the future looking at AC, heating and potentially D&C.

WELL DONE to all involved!"

From Lisa Newman-Boaler | Aftermarket Sales Manager



UK DEALER FOR BUS & COACH

WE SERVICE ALL MAJOR BRANDS

- Wrightbus
- VDL
- Scania
- Irizar
- Alexander Dennis
- Thermo King
- Optare
- Plaxton Coaches
- Caetano Bus
- Mercedes Benz

PRESS RELEASE NEW SERVICE CENTRE

We are passionate about our products and yours, Grayson Thermal Systems is renowned for an expert maintenance and technical support service that is second to none. Our team is committed to servicing a wide range of air conditioning systems and our own growing range of heating and cooling products.

Grayson Service Division has become such an important part of our business that we have this dedicated service centre and a network of 40+ service engineers covering the whole of the UK and beyond. Our customers

can have peace of mind that the very best assistance and advice is available from us, around the clock.

Grayson can tailor all of our maintenance and support packages specifically for your needs and we can offer a range of pricing options.

We will also be manufacturing a range of products at the new multi-use Kingpin Facility within a separate unit that includes: HVAC products, Battery Thermal Management Systems, eComfort 100 (Driver Climate Control), and other E-Mobility products.

Servicing What we do



Grayson Service Department can support you with:

- Cooling System Maintenance
- Cooling System Overhaul
- HVAC System Service
- HVAC System Retrofit
- Heating System Audits
- Fire suppression Install and Retrofit

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THERMAL LINES



NEWS FROM GRAYSON THERMAL SYSTEMS
SUMMER 2018



KEEP COOL AND DRIVE ON

New Service Centre | EuroBus 2018 | Engineers Globally | Water Pump Run Dry Protection

