



# Filtration Control Ltd



# Our Company

**It all started with the first product, foam air filters, made at Cosworth Engineering in Northampton, UK.**

**Four decades later - Filtration Control Ltd is one of the market leaders in filtration.**

Filtration Control Ltd (FCL) is the leading manufacturer and distributor in the United Kingdom, specialising in engine filtration technology, HVAC air filtration, batteries, and components. For over four decades, we've served the bus rail, automotive, commercial, and industrial sectors worldwide, earning a reputation for innovation, quality, and exceptional customer service.

Our global reach spans over 60 countries, thanks to our UK headquarters and distribution hubs in Madrid, Spain, and Athlone, Ireland, ensuring localised, responsive service while upholding the highest quality standards.

Our commitment to excellence is driven by ongoing investment in research and development. We leverage our state-of-the-art in-house testing facilities and a dedicated engineering team to develop the most advanced and innovative filtration products that meet the highest ISO standards in the market. With market-leading products like our PEPA-F™ HVAC air filtration range and Pipercross performance air filters, we continue to set new industry benchmarks.

At FCL, we pride ourselves on building lasting, collaborative relationships with some of the world's most recognised brands. Our reputation for quality, competitive pricing, and exceptional customer service has been the cornerstone of our success for over 40 years, making us a trusted partner in filtration across the globe.

# Sales Team

Our dedicated sales team are committed to understanding your needs and delivering tailored solutions. With the experience and expertise to build strong, lasting relationships, our team is here to support you every step of the way.

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# Sectors

FCL has been a trusted partner, delivering top-tier filtration, batteries and components to diverse industries across the globe. We understand the unique demands of each sector, and our commitment to quality and innovation ensures your equipment performs at its best.

Bus



Rail



Commercial Vehicle



Agriculture



Marine



Construction



Buildings



Factory



# Our Core Products

Boasting the UK's most extensive inventory of filters, battery and components from leading original equipment manufacturers (OEM's), FCL also manufactures its own high-performance HVAC air filtration range.



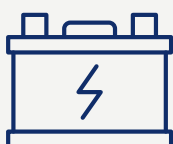
## Filtration

Oil, Fuel, Hydraulic, Air, Water, Gearbox, Cabin, Adblue, and Canister Filters.



## HVAC Air Filtration

Our HVAC air filters are classified under ISO16890 coarse 65% to ePM1 75% and holds an EN779 classification from G4 to F7.



## Batteries

Absorbed Glass Mat (AGM), Enhanced Flooded Batteries (EFB+), Super Heavy-Duty Batteries (SHD).

## Components

Brakes, Wiper Blades, Mirrors, Belts, Water Pumps, Air Dryers, Power Transmission, Fasteners, Hoses, Gaskets, HVAC and Compressor Spares.



## Oils & Lubricants

Greases, Engine, Compressor, Hydraulic, Transmission & Gear Oils.



# Filtration

Filtration Control Ltd has established itself as the UK's leading distributor of filtration technology for the bus, rail, automotive, commercial and industrial sectors worldwide. With a stock holding of over 20,000 part numbers, we offer the widest range of Fleetguard, Mann+Hummel, and Donaldson filters in the UK, alongside a large selection of other OEM brands. We guarantee high-quality filters that meet the most demanding industry standards.



## Fleetguard

Being the largest independent Fleetguard distributor in Europe, we bring you industry-leading filtration technology designed for maximum durability, efficiency, and performance.

## Mann + Hummel

As the first UK distributor of Mann + Hummel, a global leader in innovative filtration solutions. Known for exceptional quality and reliability, Mann+Hummel filters provide superior protection and performance across a wide range of applications.



## Donaldson

As an official partner of Donaldson, we specialise in high-performance filtration solutions for the on-road aftermarket. With decades of expertise, we help fleets achieve optimal engine performance and longevity with high-quality filters.



# FCL HVAC Filters

FCL HVAC Filters are designed, manufactured and rigorously tested at our headquarters in Northampton, UK.

Our ISO-certified filters are engineered to effectively capture airborne particles, including dust, pollen, bacteria, and pollutants, enhancing both air quality and HVAC system efficiency.

Built for flexibility and performance, our filters can be customised with different sizes and further grades to meet the specific needs of our clients. Their compact design ensures effortless installation in space-restricted environments, making them a versatile solution across multiple industries.

All FCL HVAC Filter adhere to fire and toxicity standards, including EN45545-2, ISO3795, and FMVSS302. Additionally, our filters offer exceptional resistance to chemicals, solvents, UV exposure, extreme temperatures, and ageing.

## Customer Benefits:

- High filtration efficiency (up to ePM1)
- Long service life
- Immediate availability
- Quick installation
- Low cost of total ownership
- Bespoke filter size and grades



**Long service life**



**High filtration efficiency**



**Moisture proof**



**Low energy consumption**



**Low pressure drop**



# FCL HVAC Filters for various applications



Data centres



Energy & power systems



Food & beverage



Healthcare



Life science



Logistics



Material processing



Commercial & public buildings



Transportation



Waste & recycling

## Essential HVAC Filtration for Every Bus Model

HVAC filters are vital for maintaining superior air quality, enhancing passenger comfort, and safeguarding HVAC systems from harmful contaminants. With a diverse range of bus models and applications, filtration needs vary in size and efficiency. That's why we design high-performance HVAC filters tailored to fit all bus types, ensuring reliable protection and optimal air circulation.

- **Passenger Health & Comfort:** Filters remove dust, allergens, and airborne pollutants, improving air quality inside the bus.
- **Extended HVAC System Life:** Prevents particulate buildup on evaporator coils, reducing maintenance needs and prolonging HVAC system life.
- **Custom Fit:** Available in various sizes and grades to suit different bus models.
- **Energy Efficiency:** Ensures optimal airflow, preventing system strain.
- **Compliance & Safety:** Our filters meet industry standards like MERV ratings, ensuring effective filtration and fire safety.

Leveraging our in-house engineering, research & development, and manufacturing capabilities, we design and produce high-performance, custom HVAC filters in a wide range of sizes and grades - tailored for applications across transportation networks, commercial buildings, and industrial environments.

**You need a filter? We can make it!**



# PEPAF™ filter

for optimal air quality

Our PEPA-F™ filters for heating, ventilation and air conditioning (HVAC) systems is a smart and efficient solution for bus, rail and buildings that is immediately available.

Based on a modular concept allowing for an optional antiviral coating, the filter improves the air quality and ensures fine filtration with minimal integration impact on HVAC systems. The filter not only captures virus carriers but can also eliminate the virus. This makes our air filtration solution unique on the market.

All PEPA-F™ filters feature various post treatment options, including high flame-retardancy compliant with **EN45545-2**, **ISO3795** and **FMVSS302**. Our filter media offer superior resistance to chemicals, solvents, UV, temperature, and ageing.



**Immediate availability**



**Capture smallest particles**



**Quick installation**



**Safety ensured**



**Ready for new regulations**

# Smart and efficient solution for bus, rail and buildings

The modular multi-layer design uses the latest media technology, allowing you to attribute optimum performances up to fine filtration to the operator needs.

In addition, an optional special impregnation catches and kills viruses and bacteria consistently at highest effectiveness until the end of the filter life.

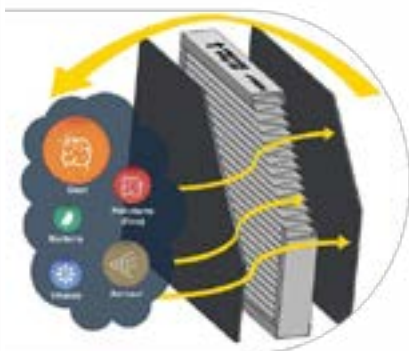
It follows a two-step approach:

- First, the filter captures the virus carrier, e.g. water, dust, aerosol.
- In a second step, the virus is eliminated thanks to a special impregnation.



## PEPA-F™ particulate filter

A high concentration of fine particles in the air constitutes a risk factor for public health. Our PEPA-F™ particulate filter protects passengers against the smallest particles, helping to meet current WHO air quality guidelines.



## PEPA-F™ pathogen filter

The aerosol transmission of pathogens is particularly concerning in closed, crowded locations with inadequately ventilated spaces. Thanks to a special impregnation, the PEPA-F™ pathogen filter captures and eliminates bacteria and viruses at highest effectiveness.

## Benefits of PEPA-F™

- Filtration lower than a micron, up to ePM1 50%
- Optimal air quality
- Fire and smoke compliant
- Quick, easy and safe installation
- Immediate availability
- Scalable filter dimensions
- Optimised pressure drop

# Batteries

FCL stocks and distributes a comprehensive range of high-performance batteries from trusted OEMs like Monbat, Varta, Sonnenschein, Shield, Odyssey, and Optima. Our advanced battery solutions are perfectly suited for light vehicles, commercial fleets, rail, passenger vehicles and heavy-duty applications.

Monbat Start



Varta



Sonnenschein



Shield



Odyssey



Optima

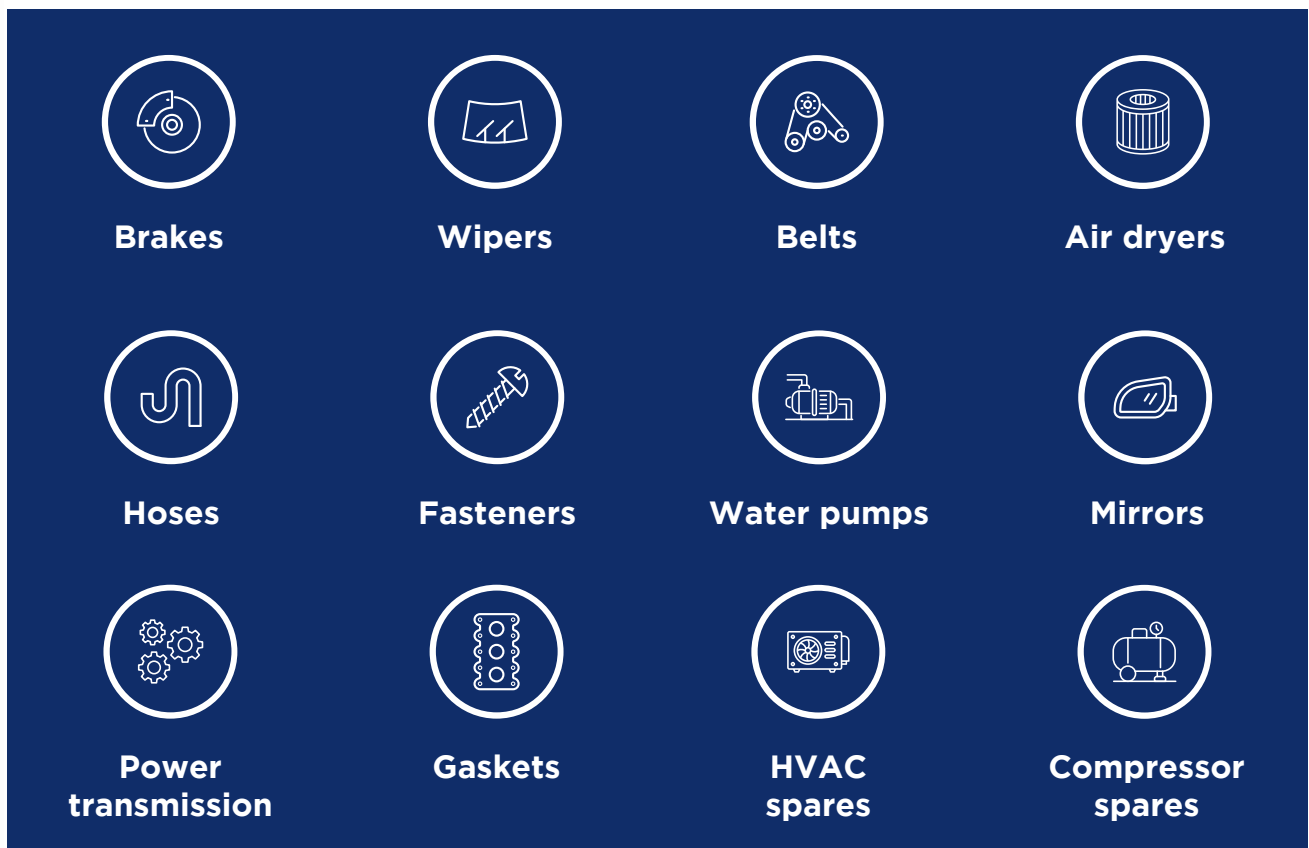


## Why Choose FCL to Supply your OEM Batteries?

- **Industry-Leading Knowledge:** Benefit from over 40 years of specialist expertise in transportation battery solutions.
- **Trusted Distribution and Exceptional Value:** Genuine, high-performance batteries from leading OEM brands at competitive prices.
- **Guaranteed reliability:** Backed by manufacturer warranties for peace of mind.

# Components

At FCL, we understand that reliability on the road starts with quality components. In addition to our filters and batteries, we offer a comprehensive range of high-quality, dependable components from trusted OEMs — all competitively priced and built to withstand the demanding conditions of the transportation sector.



## Why Choose FCL to Supply your Components?

- **Premium OEM Quality:** We exclusively source components from reputable and established OEMs. Each part undergoes testing to meet stringent industry standards, guaranteeing reliable performance and extended vehicle uptime.
- **Extensive Product Range:** We stock the widest selection of components on the market, from routine replacements to specialised parts.





# Oils & Lubricants

Keep your vehicle running at peak performance with our high-quality oils and lubricants. Engineered for reliability, Castrol lubricants enhance durability, improve efficiency, and lower operational costs, helping you maximise productivity while minimising downtime.



## Product Categories

- Engine oils
- Compressor oils
- Transmission & gear oils
- Hydraulic oils
- Greases

## Why Choose FCL to Supply your Oils & Lubricants?

- **Optimised Performance:** High-quality lubrication enhances fuel efficiency, maximises power output and minimises downtimes.
- **Superior Engine Protection:** Reduces wear, extends component longevity, and lowers maintenance costs.
- **Extreme Temperature Resilience:** Engineered to perform under demanding conditions, reducing friction and heat buildup for consistent reliability.
- **Versatile Applications:** Tailored for automotive, industrial, and e-mobility sectors.

# Compressors

**Gardner  
Denver**

**Official Distributor and Service Agent  
for Gardner Denver E-mobility Solutions**

As an authorised distributor and service agent for Gardner Denver, we provide compressors for electric and hybrid vehicles, ensuring optimal performance, durability and minimal downtime across bus, rail, and other commercial applications. Additionally, we also offer OEM spare parts and full compressor overhauls to maximise fleet reliability.

## Benefits

- **Rotary Vane Technology:** Ensures quiet, compact, and reliable air compression.
- **Low Maintenance Requirements:** Requires just one service per year, reducing operational costs.
- **Optimised for Alternative Fuels:** Fully compatible with hydrogen fuel cell and zero-emission vehicles.



# Why Choose FCL?

- **Uncompromising Quality:** We source exclusively from trusted OEM manufacturers, ensuring consistent performance, longevity, and seamless integration with your vehicles and equipment.
- **Reliability First:** Every product undergoes rigorous testing to meet strict industry standards, guaranteeing maximum safety and efficiency for your fleet.
- **Extensive Product Range:** From filters, batteries, and essential components to specialised parts, our inventory is one of the widest selections available - everything you need in one place.
- **Versatility Across Industries:** We proudly supply the world's most demanding industries, including transportation networks, commercial buildings, and industrial applications.
- **Tailored Solutions with Bespoke Kits:** We offer convenient, all-in-one custom kits tailored with a combination of filters, batteries, and components to customer needs.
- **Global Distribution:** With a global distribution network and next-day service across the UK and Ireland, we ensure that your products arrive exactly when you need them - because downtime isn't an option.
- **Competitive Pricing & Exceptional Service:** We combine industry-leading expertise with competitive pricing to offer the best value. Our dedicated customer service team and experienced field sales professionals are ready to assist you, ensuring that you get the right products at the right time.
- **Cutting-Edge Research & Development:** Our in-house engineers use our specialised testing centre to create new innovations and custom filters tailored to various specifications - optimised for size, grade, and application specific needs.

# Commitment to Quality

At FCL, one of our core corporate values is our commitment to excellence. The quality of our products drives our success, and our management system ensures that we consistently meet and exceed customer expectations across all our global locations.

We extend this commitment to quality beyond our own operations, ensuring that the same high standards are upheld by our network of manufacturing suppliers and service providers. To maintain this, we conduct annual audit inspections of all our suppliers and actively encourage and support our customers in conducting their own quality inspections and audits. Backed by multiple global certifications, we guarantee consistent quality you can rely on.

## Core Certifications



CERTIFICATE NO: 251000

### ISO 9001

ISO 9001 is a global quality management standard ensuring consistent, high quality products and customer satisfaction.

### ISO 14001

ISO 14001 is an international standard for effective environmental management systems and sustainable business practices.



CERTIFICATE NO: 251001



CERTIFICATE NO: 251002

### ISO 45001

ISO 45001 is an international standard for occupational health and safety management, reducing workplace risks.

# In-House Manufacturing

As a leading filter manufacturer, FCL has unrivalled in-house research, development and manufacturing capabilities. All our filters are proudly manufactured in Northampton, UK, where each of our products is designed, produced, tested and certified for various applications - all under one roof.

Our air filters are crafted with specially tested filtration media and manufactured using our advanced pleating equipment to deliver sharp, uniform V-shaped pleats for optimal performance. Every filter is assembled by our highly trained employees and undergoes rigorous quality control to ensure consistent excellence and superior fine filtration with every filter.



## Topas ALF 114 filter test system

Our air filters are tested using our in-house Topas ALF 114 filter test system, one of only two in the UK, specially developed for air filter testing in accordance with **ISO 16890, ISO 10121, ISO 5011, EN 779 and ASHRAE 52.2.**

Within the ALF 114 test system, our air filters are installed into rotatable and movable duct sections. A filtrated air flow is loaded with particles, allowing us to acquire and analyse precise data on each filter's efficiency.



# Locations

Our global reach spans over 60 countries, thanks to our UK headquarters and distribution hubs in Madrid, Spain, and Athlone, Ireland, ensuring localised, responsive service while upholding the highest quality standards.

Northampton, UK



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Athlone, Ireland



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# Global Operations

Over

**40**

Years manufacturing  
air filters

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Over

**1 Million**

Filters sold per year

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Over

**100**

Employees

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Over

**35,000**

Filters manufactured  
per week

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Over

**450**

Orders shipped per  
day

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Delivered to over

**60**

Countries

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Rail | Road | Marine | Industrial

## FILTRATION CONTROL LIMITED

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ISO 9001  
ISO 14001  
ISO 45001



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