

Engineered Solutions for Refrigeration and HVAC

2021

Cool Solutions
Distribution Ltd



Engineered Solutions for Refrigeration and HVAC

Gel-clear started life with a mission to help solve drainage problems in retail refrigeration and in seven short years it has grown rapidly by both honing in on that refrigeration focus and extending its expertise to the allied applications of HVAC.

The firm, based in Darwen, Lancashire, emerged onto the scene in 2013 with the Gel-clear tablets that give the company its name. The tablets, which provide a safe solution to the expensive problem of biofilm which blocks the drainage outlets of display cases, were perfected after a two-year R&D programme – but really they are the product of owner Paurick Gaughan's 30-year career grappling with the issues of refrigeration drainage.

After winning a Cooling Award for the tablets in 2016, Gel-clear has steadily expanded its portfolio to include a wide-range of cleaning, disinfecting and physical drainage products – there are now 25 different products, which you can browse in this catalogue. All of the Gel-clear product range is designed, developed and manufactured in the UK.

A new product is only launched if it solves a new problem; if it makes an application more efficient; or if it improves the performance of a component or system – or if it is simply better than anything currently on the market.

As well as expanding the portfolio, the company has expanded its awards collection: in the last seven years, it has added the Hive Innovation Award; Highly Commended in both the Cooling Business of the Year and in the Cooling Awards; and it won the 2020 ACR News Award for Maintenance Product of the Year, collecting 6 industry awards in total.

From its beginnings as a mail-order business, concentrating on the UK industry, Gel-clear has also grown its distribution to become a truly global operation. In partnership with the Sauermann Group, its products are now sold everywhere from Australia and New Zealand to China and Southeast Asia to Canada and across Europe and parts of the Middle East.

It has done all this without a traditional sales team, but based on the idea that if customers are aware of their drainage problems, the products effectively sell themselves.

Read the wide range of solutions contained within the pages of the catalogue and judge for yourself - and if you don't find an answer to your particular problem, let us know.

Working with OEM's, retailers and contractors



**Condensate
Drain Tablets**



**Condensate
Drain Ancillaries**



**HVACR
Deep Clean**



**Condensate
Pumps**



**Condensate
Consulting/Surveying**

Delivering Cost Savings and Efficiency in HVACR Drainage

Chiller Cabinet Tablet

Multiple industry award winner - 100% water soluble Lasts for one year - Easy to use.



QP34-10

Refrigeration cabinet 1 year condensate drain tablet

Effective for 12 months, the QP34 tablet stops condensate drain blockages, preventing cabinet water leaks, reducing risks, maintenance costs and improving efficiency. The tablet slowly dissolves coating all the drains in the 'Gel-clear' protective layer, preventing biofilm formation at the earliest stage. Attachment. Gel-clear is safe to use with all condensate pumps and is NSF registered for chilled food display cabinets.

10 tablet tube
345 grams

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QP34-1

Refrigeration cabinet 1 year condensate drain tablet

Single blister tablet
45 grams

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Tank Pump Tablet



AC03

Wall mounts/splits 3-6 month micro-tablet

Gel-clear Micro-tabs are designed for residential splits and tank pumps preventing biofilm blockages and improving efficiency. Effective for 6 months, Micro-tabs stop water leaks, reduce risks, reduce maintenance costs and reduce operating costs. Approved by the world's largest condensate pump manufacturers, Gel-clear leaves a coating on all the drains and the pump, protecting the pump from biofouling, the biggest cause of pump failure.

6 pk blister
30 grams

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TPT25

Tank pump tablets, wall mounts/splits 3-6 month micro-tablet

The TPT25 tablet gives you effective protection from condensate drain blockages and build up of biofilms in the drainage system. Placing one tablet in the unit condensate pan will keep drains clear from the unit. Alternatively, the tablet can be placed directly into the tank pump. Gel-clear is approved pump safe by all major manufacturers, 100% biodegradable, with no toxicity to aquatic life. NSF approved safe for food preparation areas, controlling and preventing the biofilms that allow odours and bacteria to survive, for a cleaner unit with no bad smells.

25 tablet resealable bag
80 grams

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Fan Coil Tablet



FC22

Fan coil units - 1 year tablet

For Fan Coil units, the simple, effective solution to keeping condensate drains working, Gel-clear is the UK's leading solution, with two industry awards and a proven pedigree. Effective for 12 months, Gel-clear condensate drain tablets stop water leaks, reduce risks, reduce maintenance costs and reduce operating costs. One tablet placed below the coil in the condensate pan of the unit guarantees protection from blocked condensate drains for one year at least. Coating all the drains with a protective film, Gel-clear prevents condensate pump failure being approved by Sauermann and EVAC.

Single tablet blister
34 grams

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Cold Room Tablet



AHU60

Commercial air handling units - 1 year tablet

Cold room evaporator units also benefit from the simple, effective solution to keeping condensate drains working. Effective for 12 months, Gel-clear condensate drain tablets stop water leaks back of house, where water leaks up the risks for fork lifts and pallet trucks. Gel-clear brings operational efficiency across the cold chain.

Single tablet blister
75 grams

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Award Winning Innovative, Proven...



HVAC Hand sanitiser



HW600

Sanitising Hand Wash Foam, Alcohol free effective against Coronavirus

Surgical grade disinfection killing 99.99% of all bacteria Viruses and Fungi in seconds. Effective against all enveloped viruses including human Coronavirus. No skin irritation, non-sticky, fast drying formula from a 600ml pump dispenser.

600ml pump dispenser
750 grams

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Bluetooth Beannie



BTB02

Beannie hat with rechargeable LED light. Hands free calling, music

LED Beannie hats are a step forward from the LED strap on headlights, but we go further with the LED Beannie that incorporates bluetooth hands free phone calling and music direct to the hats two speakers. Perfect for the busy engineer.

Single bag
135 grams

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Contractor Sprayer



PS8

8 litre contractor pressure sprayer

Finding most plastic sprayers not suitable for contractors, we made our own, fully stainless steel, high pressure pump sprayer, delivering pressures higher than the hand held electric versions. This robust contractors sprayer comes with airline grade pipe, trigger and valves. Built to last, the sprayer uses a stainless steel lance with brass nozzle, pressure gauge, carry strap, PRV, and can be pressured up by a compressor. Comes with a 2 year warranty.

Single unit

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HVACR Leak Detector



LD03

Gel-clear branded refrigerant leak detector with nitrogen propellant

Gel-Clear Leak Detection Spray is a ready to use 400ml aerosol. It comes with a nozzle straw for pinpoint direction of the solution to find the smallest leaks in the most awkward areas. A leak detectors a leak detector you might say.....it's just bubbles.....it is, your right. But this aerosol of bubbles uses a nitrogen propellant so its pretty safe to use in tight spots on HVAC equipment.

400ml aerosol
445 grams

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Air-clear

Air-clear 'One shot' concentrate



ACP100

Air-clear Concentrate is a non-hazardous evaporator coil & pan sanitising cleaner

Air-clear concentrate remains non-hazardous in its concentrated form, making it unique on the market, requiring no COSHH controls. Air-clear concentrate is NSF registered. There is nothing on the market to compare to Air-clears credentials, the right choice for contractors, bringing a massive reduction in noxious chemicals used in the cleaning of HVAC equipment, and a massive reduction in plastics and packaging. Safe to use in food preparation areas – NSF Registered.

- Non-corrosive to the soft metals in HVAC units.
- Certified to BS EN 1267 & BS EN 1650 standards.
- Utilising the 'Gel-clear' long lasting antimicrobial coating.
- Non-hazardous, safe to use, COSHH free concentrate.

100ml pouch
115 grams

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Air-clear RTU



AMS750

Non-hazardous AC unit cleaning spray & coil disinfectant, ready to use

Air-clear is a non-hazardous HVAC cleaner tested to medical grade disinfection standards – BS EN 14476, EN 13727, EN 14348 & EN14476. For cleaning of the evaporator coil, and all surfaces. It is independently tested to remain effective on surfaces for up to 8 weeks. It is also NSF registered for food preparation areas. Coronavirus is an enveloped virus, Air-clear is proven effective against ALL enveloped viruses. COSHH free, non-hazardous cleaning.

6 bottle box
5 kg

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Air-clear Concentrate



ACC250

Air-clear Concentrate is an evaporator coil & pan sanitising cleaner

Air-clear concentrate remains non-hazardous in its concentrated form, making it unique on the market, requiring no COSHH controls. Air-clear concentrate is NSF registered. There is nothing on the market to compare to Air-clear's credentials, the right choice for contractors, bringing a massive reduction in noxious chemicals used in the cleaning of HVAC equipment, and a massive reduction in plastics and packaging. Safe to use in food preparation areas – NSF Registered.

- Non-corrosive to the soft metals in HVAC units.
- Certified to BS EN 1267 & BS EN 1650 standards.
- Utilising the 'Gel-clear' long lasting antimicrobial coating.
- Non-hazardous, safe to use, COSHH free concentrate.

250ml dispensing bottle
265 grams

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Air-clear RTU Refill



AMS5000

Non-hazardous AC unit cleaning spray & coil disinfectant, 5 ready to use litre refill

Air-clear is a non-hazardous HVAC cleaner tested to medical grade disinfection standards – BS EN 14476, EN 13727, EN 14348 & EN14476. For cleaning of the evaporator coil, and all surfaces. It is independently tested to remain effective on surfaces for up to 8 weeks. It is also NSF registered for food preparation areas. Coronavirus is an enveloped virus, Air-clear is proven effective against ALL enveloped viruses. COSHH free, non-hazardous cleaning.

5 litre
5.2 kg

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Green Strips



TGS18

Tea Tree Oil natural biocide, condensate drain strip and air freshener

Effective for 6 months, Gel-clear Green condensate drain strips are a combined air-freshener with a natural approach to blocked condensate case drains. Preventing biofilm and foul odours from the drain pan. Gel-clear Green is safe and simple to use leaving a fresh, pleasant fragrance for its entire lifespan. Gel-clear Green is 100% water soluble & safe to use with all types of condensate pumps without damaging the delicate, and sensitive components.

Single strip pouch
18 grams

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Condenser cleaner concentrate



Outdoor condenser coil cleaner concentrate

Highly concentrated and effective, it will safely remove the wide range of contaminants commonly found in condensers without damaging the coil, including oxidation and attached deposits. The coil is left visibly brighter and cleaner. In a 250ml concentrate bottle that makes 1.5 litres.

250ml
265 grams

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Condenser cleaner Ready to use



Outdoor condenser coil cleaner RTU

Highly concentrated and effective, it will safely remove the wide range of contaminants commonly found in condensers without damaging the coil, including oxidation and attached deposits. The coil is left visibly brighter and cleaner. In a ready to use 750ml trigger spray.

750ml Trigger spray
810 grams

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HVAC case & fascia cleaner



The HVAC Case & Fascia cleaner leaves a strong citrus aroma long after use

Gel-clear case and fascia cleaner has a powerful formula using naturally occurring citrus based solvents. One spray will remove oil, grease, stains, soiling, nicotine, fingermarks and grime, and leaves a long lasting citrus fragrance after use.

750ml Non-hazardous Trigger spray
800 grams

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Ancillary Products

Condensate Drain Connector



Anti-kink, sealed pump discharge pipe header drain connector for dairy pumps

Dropping a discharge hose from a condensate pump into an open drain is the physical weak spot in condensate pump installations. It also causes the pipe to kink, which destroys the pump. Open connections often leak during 'backwash'. The connector resolves all legacy problems and delivers a BSEN12056 compliant connection.

Single unit bag
50 grams

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Condensate Drain Support



Pipe support for condensate drain plumbing twin pack

The bio-beta drain support brings required slope to refrigeration cabinet condensate drains, making existing installations BSEN12056 compliant. Condensate drains require the 1.8% slope in order to maintain self cleaning velocity of 0.6 metres per second flow rate. Conceived, designed, and manufactured by Gel-clear in Lancashire, the condensate drain support is an innovative physical solution to poor condensate drains, already reducing costs and increasing drainage efficiency for many retailers. ACR News Maintenance Product of the Year 2020, RAC Cooling Awards 2019 Highly Commended

Twin pack bag
100 grams

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Ice-clear Concentrate ICC250

Ice-clear Concentrate is a non-hazardous ice machine cleaner & sanitiser. Long lasting protection, performance and value; it's NSF safe to use in food preparation areas and complies with BS EN 1267 & BS EN 1650. Effective against bacteria, mould, fungi & viruses, including Human Coronavirus.

[CLICK TO BUY](#)



Eco-clear Concentrate



Eco-clear Concentrate is an evaporator coil & pan sanitising cleaner

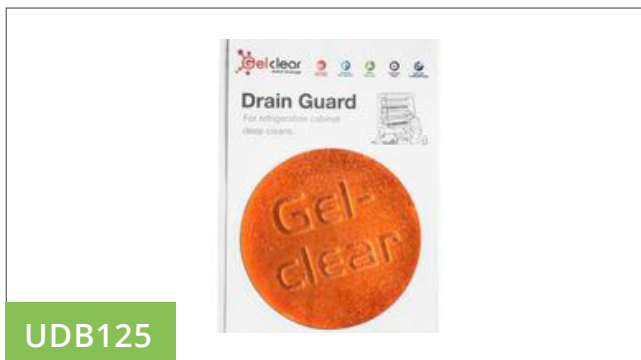
Using the tried and trusted Gel-clear cleaning formula in a concentrated liquid form to clean and sanitise the coil, pan and drains. Using Eco-clear doesn't just clean it also 'conditions' the coil, pan and drains, so that your Gel-clear tablet can work even more effectively, coating the drains faster and lasting longer. Eco-clear clears the way for the Gel-clear tablet to do its work – loosening the biofilms for the tablet to dissolve more easily. Safe to use in food preparation areas – NSF Registered.

- Non-corrosive to the soft metals in HVAC units.
- Certified to BS EN 1267 & BS EN 1650 standards.
- Utilising the 'Gel-clear' long lasting antimicrobial coating.
- Non-hazardous, safe to use, COSHH free concentrate.

250ml dispensing bottle
265 grams

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Drain Guard



Universal fitting drain guard for cabinet deep cleans

The refrigeration drain guard is an easy to use, flexible, magnetic drain cover for use during HVACR deep cleans. Designed to prevent debris entering the drains during the clean, the strong magnetic cover will fit all cabinet profiles and drainage outlet types.

Single unit bag
32 grams

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Eco-clear 'One shot' concentrate



Eco-clear Concentrate is a non-hazardous evaporator coil & pan sanitising cleaner

Eco-clear concentrate in a handy 'One Shot' 100ml pouch, ideal for contractors 8 litre spray cleaners. Makes 8 litres of finished product. Takes up less space. Comes in singles, or contractor 10 pouch bag.

100ml pouch
115 grams

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Condensate drain test dye



Food safe drain tracing dye helps to rapidly identify the cause of leaks and faults, treats 500litres

Simple to use, the dye is super concentrated and able to treat 1000 litres of water. A highly visible luminous green will quickly identify the cause of water leaks. The dye is also UV sensitive, meaning even the slightest weeping on a loose connector can be identified using a UV torch.

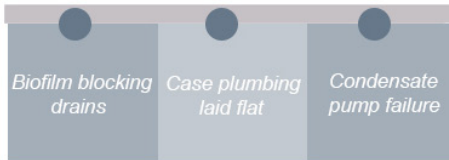
125ml Dispensing bottle
265 grams

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Eco-clear



UP TO 30% OF REACTIVE MAINTENANCE CALL-OUTS ARE FOR DRAINAGE ISSUES.



EASY TO INSTALL / RETROFIT

All components easily retrofit to case plumbing, robust construction, intuitive fit for a visually and physically limited restrictive area.

ZERO DISRUPTION TO TRADING

All components can be installed to a live trading site, with no disruption to merchandising or operations. Developed for easy integration into existing site operating procedures.

INNOVATION SOLUTION TO LEGACY ISSUES

Focusing on the high cost impact area, bio-beta is a purpose-developed remedial solution bringing system integrity to all drainage configurations used in food retail.

35% PARTS

Fan motor replacements were reduced by 35% year on year nationwide for one leading retailer.

90-100% BLOCKAGES

Gel-clear tablets have consistently proven a 90-100% reduction in blocked condensate drains.

67% CALL OUTS

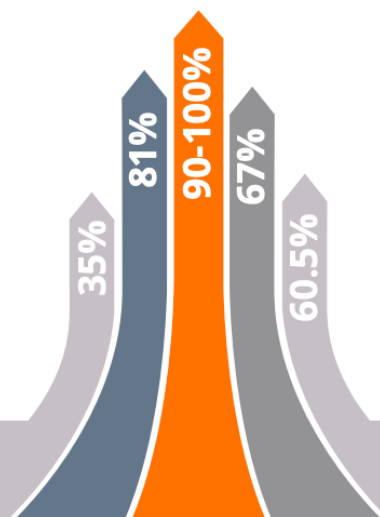
Proven to reduce refrigeration call outs for water leaks by 67% on a leading retailers 300+ stores over 3 years.

81% COST IMPACT

Over 81% of drainage maintenance cost impact is overground, beneath chillers.

60.5% EMISSIONS

60.5% Co2 emissions reduction achieved annually for one UK retailer in reactive maintenance, amounting to over 50 tons a year.





Utilising technical expertise and award winning innovation Gel Clear are the HVACR Drainage Specialists.

Innovation at its best
Unrivalled technical expertise

Outstanding service
On-site support

Product training
Demonstration days

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