



Product Catalogue

www.gel-clear.co.uk

Stress Relief Tablet



For condensate drains and pumps.

Use **one tablet annually** to prevent headaches connected with water leaks on the sales floor, **blocked condensate drains and condensate pump failure.**

Get in touch:

 01254 760002 |  info@gel-clear.co.uk |  www.gel-clear.co.uk

WELCOME TO **Gel-Clear.**

Driven by Innovation, Backed by Evidence.

At Gel-clear, we offer a comprehensive range of solutions for maintaining your HVACR drains, including our award-winning stress relief tablets, condensate pumps, ancillaries, maintenance products, and tools.

Our commitment to innovation is supported by technical expertise and thorough research, ensuring we deliver outstanding products along with exceptional service.

You can easily order our products by phone or through our website.

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WHO IS Gel-Clear?

Gel-clear was founded out of necessity, with a mission to address costly drainage issues in food retail refrigeration maintenance. Since our inception in 2012, we have rapidly grown by delivering evidence-based efficiency solutions.

Our research led to a patented solution for biofilms in nuclear bunker drinking water tanks. Partnering with a development team, we transformed this solution into tablet form, which won a RAC Cooling award in 2016.

Building on this success, we designed and developed a comprehensive range of products manufactured in the UK to support condensate drainage. This includes various cleaning and disinfecting tools. Collaborating with the UCLAN Innovation Clinic, we created the Bio-Beta drainage supports and condensate pump drain connector.

Explore our full range of solutions in our catalogue. If you're interested in a free trial of any of our products, please don't hesitate to reach out, and we'll arrange it with ease.

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How it started...

Maintaining food retail drainage for many years

Paurick learned that reactive call outs for refrigeration condensate drains were disproportionately high and in a **challenging area...with problems unique to HVACR drains.** (Biofilm being a primary cause of blocked condensate drains.)

The problems were fixable, but this was a very small niche area that nobody was tackling ...so Gel-clear was formed!

Research and development on solutions began, focusing on the primary problem first.....Biofilm. Research uncovered a company with a patented solution for biofilms in nuclear bunker drinking water tanks, and with a development partner, **we soon had this in a tablet.**



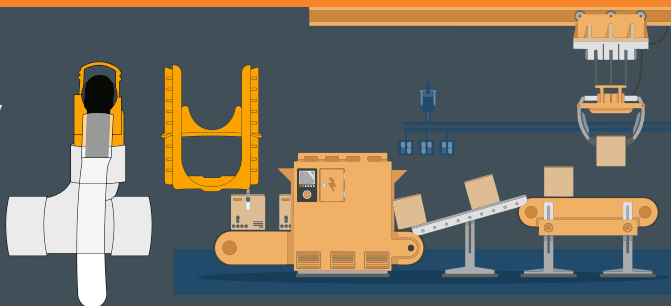
That's when we started the company in 2012!



The tablet was well received, winning the RAC Cooling Awards Refrigeration Product of the year 2016.

We then went on to develop and **UK manufacture** the condensate drain support, which went on to **win the ACR Refrigeration Maintenance Product of the Year 2020.**

And the **much needed header drain Connector** for condensate pumps.



Our tablets are now sold worldwide. And **specified by some of the biggest names in the industry** and we continue to develop new to market products to improve **HVACR drainage efficiency.**

Our products helping our customers to achieve broader cost savings, and reduce risk!

Gel-clear Ltd

145 Bolton Road, Darwen, Lancashire, England BB3 1DF



SHOP

Tablets.

Protect your refrigeration systems with advanced **tablet solutions from Gel Clear**, specially developed and designed to improve hygiene, maintain efficiency, and help prevent blockages.



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QP34-10

One Year Refrigeration Drain Tablets 10 Pk

Effective for 12 months, the QP34 tablet prevents condensate drain blockages, stops cabinet water leaks, reduces risks, lowers maintenance costs, and improves efficiency. The tablet dissolves slowly, coating all drains with a protective 'Gel-clear' layer that prevents biofilm formation at its earliest stage.

Gel-clear is safe to use with all condensate pumps and is NSF registered for use in chilled food display cabinets.

10 tablets | 318 grams

50 × 80 × 230 mm

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QP34

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.

Single Tablet | 45 grams

140 x 80 x 20 mm



QP24-10

6 Month Refrigeration Drain Tablets 10 Pk

Gel-clear tablets provide reliable protection against biofilm development in your drainage system. Simply place one tablet in the condensate pan, ensuring it stays in contact with the water but away from the drain outlet, to keep your drains clear. Gel-clear tablets are 100% water-soluble and completely biodegradable. They are also NSF-approved, making them safe for use in food preparation areas. The tablets effectively control and prevent biofilm formation, reducing the risk of water leaks and bacterial growth.

10 tablets | 250grams

50 x 80 x 230 mm



TPT25

Tank Pump Tablets

Gel-clear provides effective protection against condensate drain blockages and biofilm buildup in drainage systems. Placing one tablet in the unit's condensate pan or tank pump will keep drains clear. Gel-clear is approved as pump-safe by all major manufacturers, 100% biodegradable, and non-toxic to aquatic life. NSF-approved for use in food preparation areas, it controls and prevents biofilms that cause odours and bacteria, ensuring a cleaner unit with no unpleasant smells.

25 Tablets | 84 grams

220 x 130 x 20 mm



FC22

Fan Coil Tablet

For fan coil units, Gel-clear condensate drain tablets provide 12 months of protection by preventing water leaks, reducing risks, and lowering both maintenance and operating costs. Placing one tablet in the condensate pan below the coil ensures protection from blocked drains for at least one year. The tablet coats the drains with a protective film, preventing condensate pump failure.

Single tablet | 38 grams

140 x 80 x 20 mm

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AC-03

6 Pack Micro-Tabs

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

6 Tablets | 33 grams

140 x 80 x 15 mm



AHU-60

Cold Room Tablet

Gel-clear cold room unit condensate drain tablets are approved as pump-safe by all major manufacturers and are safe for use in food preparation areas. Cold room evaporator units benefit from this simple, effective solution to keep condensate drains functioning properly. Effective for 12 months, Gel-clear tablets prevent water leaks in back-of-house areas, reducing risks for forklifts, operatives and pallet trucks. Gel-clear enhances operational efficiency across the cold chain.

Single Tablet | 80 grams



CE30

EVAP-TAB

Condensate evaporators: Placing one tablet in the condensate pan prevents biofilm formation in the pan and pipework, eliminating slime, foul odours, and maintaining sanitary conditions. EVAP-TABS are safe and non-corrosive to copper, aluminum, stainless steel, and galvanized steel. Using a natural biocide, these tablets are safe for evaporation into the atmosphere and suitable for all types of refrigeration units.

Single Tablet | 50 grams

25 x 80 x 140mm

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SHOP

Pumps.

We offer a selection of pumps **designed for use in HVACR systems**, to help you find the perfect fit for your needs. Additionally, we provide a variety of accessories and bundles to complement your setup.

UCP700+ Condensate Pump

The UCP700+, a high-performance condensate pump designed specifically to overcome the unique challenges found in supermarket refrigerated display cabinets.

Unlike general-purpose condensate pumps, the UCP700+ is built from the ground up for the supermarket environment — where biofilm buildup, restricted space, and repeated blockages lead to frequent callouts, downtime, and water leaks.

“This pump was designed to solve real problems in the field,” said Paurick Gaughan, Founder of Gel-clear. “From biofilm resistance to better sealing and hose performance, every part of the UCP700+ exists because of what we’ve learned on site.”

Built for Remanufacture — and Built to Last

The UCP700+ is also designed for remanufacture, with all parts replaceable, extending the product lifecycle and reducing environmental impact. This makes it a standout with no proprietary ‘Lock in’ components.

“The real cost of a cheaper pump isn’t the purchase — it’s the failure, callout, and disruption that follows,” added Gaughan. “With the UCP700+, we’re helping contractors and retailers break that cycle and reduce operational costs.”

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UCP700+

CE
Certified



Engineered for Refrigeration Environments

- **Ag+ Silver Ion Technology:** All internal surfaces are coated in a patented silver ion layer, preventing biofilm growth and protecting float switches and components for up to 8 years.
- **Biocidal Mesh Filtration:** A custom 60-mesh copper filter intercepts debris, preventing biofilms and reducing clogging risks.
- **Improved Tank Connector:** Designed for fast, secure installation with long-lasting seals and better mechanical reliability.
- **Swing out service:** Supplied with a 500mm flexi drain connector to allow a fully connected service 'swing out', simplifying future maintenance.
- **Kink-Proof Hose Compatibility:** Paired with a crush-resistant discharge hose, the pump operates more efficiently and with less back pressure — increasing service life.

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**For gravity or
pumped drainage**



Retrofit Efficiency Solutions for Food Retail Drainage

2

1

3

4

Proven to reduce drainage call outs by a minimum of 70%

1

QP34 Condensate drain tablet stops biofilm blockages for 1 year.



2

Gel-clear CPH17 stops pipe kink & backwash leaks, for EN12056 complaint connection.



3

Gel-clear APC19 brings needed slope to achieve self cleaning velocity.



4

Gel-clear condensate pump comes with a 1 year no quibble warranty.



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Proven to reduce drainage call outs by a minimum of 70%



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.

81% Cost Impact

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

90-100% Blockages

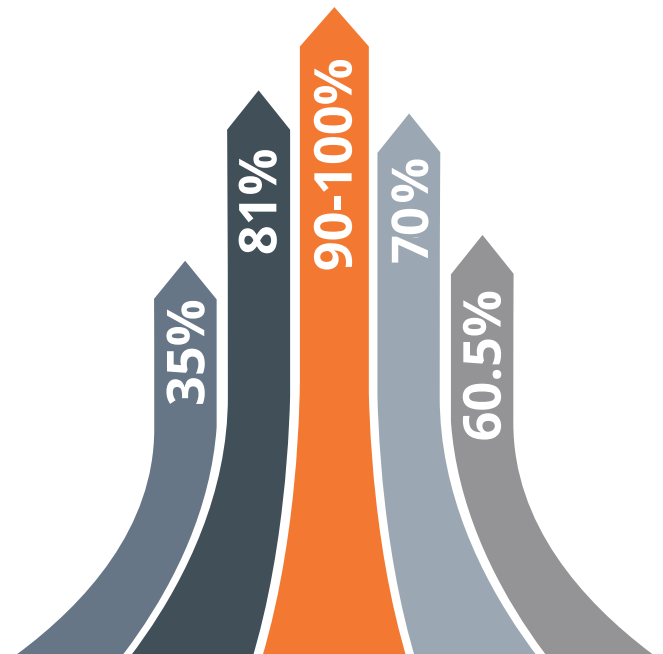
Gel-clear tablets have consistently proven a 90-100% reduction in blocked condensate drains.

70% Call Outs

Proven to reduce refrigeration call outs for water leaks by 70% on a leading retailers 300+ stores over 3 years.

60.5% Emissions

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



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UCP110v2

Convenience Retail Dairy Cabinet Pump

Introducing the Gel-clear UCP110v2 Dairy Cabinet Pump—a specially designed stainless steel condensate pump for supermarket refrigerated display cabinets. At just 60mm, it's the lowest cabinet pump on the market, making it the perfect fit for low-profile cabinets. It's compact design allows for easy installation and ample space for servicing. The pump comes with a flexible connector that enables it to swing out from under the cabinet for inspection while remaining fully connected to the drains.

This space-saving pump is also energy efficient, with a low power consumption of just 37W. It features a high-level alarm terminal, a tank connector, and a flexible 1¼" connector that can easily adapt to a 1½" pipe.

The UCP110v2 offers multiple inlet options (top or end), a ½" hose tail. With intelligent overload protection and a built-in non-return valve, it provides a reliable and long-lasting solution for handling condensate from supermarket refrigerated display cabinets. The pump has a rate of 110 lph and a pumping head of 30 meters.

Additionally, the UCP110v2 is UK-manufactured and CE certified, ensuring quality and safety. Everything needed for installation is included in the box, giving you peace of mind with your purchase from a trusted and reliable condensate pump manufacturer.

All-in-One Installation Kit: Our condensate pumps come complete with a full installation and testing kit, saving you time and effort. No more hunting for individual components—we've got you covered!

Enhanced Leak Detection: We provide drain testing dye to detect even the tiniest water leaks, ensuring watertight installations and preventing potential headaches down the road.

Silicone Grease Sachet: Applying seals is easier than ever with our silicone grease sachet, facilitating smooth and effective seal application for longer-lasting installations.

Future-Proof Flexibility: Our flexible drain connector simplifies maintenance and makes servicing more efficient and hassle-free. Your clients will appreciate this thoughtful approach to long-term convenience.

Biofilm Protection: The pump comes with a one year condensate drain tablet for the prevention of biofilm buildup.

Pump & Connector |
3200 grams

240 x 620 x 70 mm

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UCPI10v2 kit

Convenience Retail Dairy Cabinet Pump Drainage Kit

For convenience retail applications we offer a complete drainage kit in a box for up to three display cabinets. Only 60mm high, the low-profile, stainless steel UCPI10v2 is a robust and reliable choice for low-profile refrigeration cabinets, making it ideal for convenience retail. With a low power consumption of just 37W, it's an efficient solution.

The Kit Includes:

- 1 x Drainage Pump (UCPI10v2)
- 6 x Condensate Drain Supports (APC19)
- 1 x Header Drain Connector (CPH17)
- 3 x One-Year Condensate Drain Tablets (QP34)
- 2 x Pipe Clamps
- 1 x Discharge Hose Line (H20CH)
- 1 x Flexible Connector (300mm)
- 1 x Spigot Outlet

Condensate pumps are often used as alternatives to gravity drainage; however, they still depend on gravity to function. When condensate drains are laid flat on the floor, they lie below the pump's float switch. As the pump fills with wastewater, so do the drains—approximately 1.2 litres for every metre of flat drain. This additional load can exceed the pump's design capacity, causing a 2-3 litre drain cycle to balloon into a 12-16 litre cycle, ultimately reducing the pump's lifespan.

The complete pump kit ensures compliance with BSEN12056 standards. The discharge drain connector features its own air intake valve, preventing pipe kinks and backwash leaks from the discharge connection, while providing an easy-to-use, industry-standard fitting.

The condensate drain supports ensure that gravity drains leading into the pump meet regulatory requirements, providing the necessary 19mm per metre slope to maintain self-cleaning velocity and keep the pump's drain cycle within its designed limits. The kit has received three industry awards for its products and was highly commended by the judges of the RAC Cooling Awards for improving efficiency in food retail condensate wastewater management.

Pump Drainage Kit
6150 grams

2400 x 6300 x 1700 mm



UCP700

Supermarket Dairy Cabinet Pump

The Gel-clear UCP700 supermarket pump is a high-performance, low-profile, stainless steel condensate pump designed for refrigeration cabinets. Its robust stainless steel construction offers reliability and class-leading performance. With a height of just 76mm, it fits beneath the lowest-profile cabinets on the market, pumping up to 700 litres per hour with a 23-metre head—outperforming and outlasting its competitors.

All-in-One Installation Kit

Our condensate pumps come complete with a full installation and testing kit, providing everything you need for a seamless setup. Save time and effort with no need to hunt for individual components—we've got you covered!

Enhanced Leak Detection

We supply drain testing dye to detect even the smallest water leaks, ensuring your installations are watertight. This attention to detail can prevent potential headaches and help maintain the integrity of your systems.

Silicone Grease Sachet

Applying seals has never been easier! Our silicone grease sachet facilitates smooth and effective seal application, enhancing the longevity of your installations.

Pump & Connector
5000 grams

260 x 620 x 90 mm

Future-Proof Flexibility

Our flexible drain connector simplifies future servicing, making maintenance more efficient and hassle-free. Your clients will appreciate this thoughtful approach to long-term convenience.

Compliance and Expertise

Gel-clear is committed to upholding drainage industry standards. Our drainage arrangement instructions ensure that your installations meet the highest quality benchmarks.

Biofilm Protection

The pump comes with a one year condensate drain tablet for the prevention of biofilm buildup.

What's in the Box?

- 1 x Flexible Connector (500mm)
- 1 x UV Drain Testing Dye
- 1 x Tank Connector (pump to flexi)
- 1 x 40mm Test Bung
- 1 x Discharge Hose Clip
- 1 x One-Year Gel-Clear Condensate Drain Tablet (QP34)

Key Features:

- Ideal for low-profile cabinets
- 76mm high—fits under even the lowest display cabinets
- Multiple inlet options (top, end, or side)
- Power and alarm cables pre-fitted
- High discharge rate: 700 LPH
- High lift: 23 metres
- IP 44 rated
- 1-year warranty

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BB-UCP700

Supermarket Dairy Cabinet Pump Kit

At only 76mm high, the low-profile, stainless steel construction of the UCP700 is a robust and reliable choice for refrigeration cabinets. Supplied as a complete kit, it ensures installation compliance with legal requirements (BSEN12056).

The Kit Includes:

- 1 x Drainage Pump (UCP700)
- 12x Condensate Drain Supports (APC19)
- 1 x Header Drain Connector (CPH17)
- 6 x One-Year Condensate Drain Tablets (QP34)
- 2 x Pipe Clamps
- 1 x Discharge Hose Line (CDH15)
- 1 x Flexible Connector (500mm)
- 1 x Spigot Outlet

Studies have shown that most condensate pump failures are not due to the pump's physical capabilities, but rather to installation and operational issues. The three main causes of pump failure are biofilm blockage, discharge line kinks or blocks, and overloaded drain cycles.

The Bio-Beta Pump Kit addresses all of these issues. It is a complete installation package that includes the BB-UCP700 condensate pump, which comes with a 2-year warranty when used as part of the system.

Key Features:

- UK manufactured and CE certified
- 500mm flexible connector for easy swing-out servicing
- 15m discharge hose
- Discharge drain connector (CPH17) to prevent pipe kinks and backwash leaks
- Condensate drain support twin pack (APC19) for EN12056 compliant installation

This system has proven to reduce condensate pump failure rates by over 90%, increasing the pump's lifecycle and reducing operating costs. The complete pump kit ensures compliance with BS EN12056 standards, featuring a discharge drain connector with its own air intake valve to prevent kinks and backwash leaks.

Specifications:

- Ideal for up to 6 cabinets
- Only 76mm high—fits under even the lowest display cabinets
- Multiple inlet options (top, end, or side)
- Power and alarm cables pre-fitted
- High discharge rate: 700 LPH
- High lift: 23 metres
- IP 44 rated

Pump Drainage Kit
9800 grams

180 x 700 x 310 mm



Vertical Cold Room Condensate Pump

The tough, stainless steel construction of the Gel-clear CSP700 makes it ideal for removing condensate water from cold rooms. Mounted on a cold room wall, this pump can withstand bumps and knocks from stock traffic in back-of-house areas while remaining accessible for service and maintenance.

The CSP700 is a high-performance condensate pump, a reliable choice for walk-in cold rooms and freezers, boasting class-leading specifications. It is wall-mounted and fixes securely with two side-mounted lugs, capable of pumping up to 700 litres per hour with a 23-metre head, outperforming and outlasting its competitors.

All-in-One Installation Kit

Our condensate pumps come complete with a full installation and testing kit, providing everything you need for a seamless setup process. Save time and effort—no more hunting for individual components; we've got you covered!

Enhanced Leak Detection

We provide drain testing dye to detect even the smallest water leaks, ensuring your installations are watertight. This attention to detail can prevent potential headaches and help maintain the integrity of your systems.

Silicone Grease Sachet

Applying seals has never been easier! Our silicone grease sachet facilitates smooth and effective seal application, enhancing the longevity of your installations.

Biofilm Protection

The pump is supplied with a one-year condensate drain tablet to prevent biofilm buildup.

Key Features:

- Ideal for cold rooms in supermarkets and convenience stores
- Robust, impact-resistant stainless steel construction
- Serves up to 6 evaporator units
- ½" barbed hose tail
- Multiple inlet options (top or side)
- Power and alarm cables pre-fitted
- High discharge rate: 700 LPH
- High lift: 23 metres
- IP 44 rated sealed electric box
- 1-year warranty

The CSP700 also offers an optional failsafe arrangement, featuring an overflow reservoir in the event of pump failure, allowing for up to 24 hours of water collection without leaking onto the floor. Contact us for more details!

Pump | 5050 grams

260 x 620 x 90 mm

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TP-1L

Gel-Clear 1 Litre Tank Pump

The Gel-clear TP-1L automatic pump is a reliable solution for long-lasting performance and peace of mind. Space, cost, and reliability are often critical concerns, and this Gel-clear tank pump addresses them effectively.

Ideal for cassette air conditioning and refrigeration units, the TP-1L fully automatic condensate pump is designed to efficiently remove condensate fluid from your air conditioner, evaporator coil, or oil/gas condensing boiler. Constructed from durable ABS plastic, this pump resists corrosion and impact for extended use. It features a low-noise, ball-bearing motor and a check valve to prevent backflow, ensuring reliable and efficient operation.

The TP-1L model also includes an overflow safety alarm switch for added security. Installation is straightforward, and the pump can be mounted level with the inlet positioned below the lowest drain.

Specifications:

High discharge head: 6 metres
 300ml drain cycle
 Super quiet operation
 Includes 3/8" & 1/4" check valves
 Maximum flow: 270 lph
 Tank capacity: 0.8 litres
 Noise level: 43 dB(A)
 Pressure: 9.8 PSI
 Power: 75 Watts
 Current: 0.64 amps

Pump | 1950 grams

150 x 150 x 120 mm



TP-2L

Gel-Clear 2 Litre Tank Pump

The Gel-clear TP-2L is a robust and versatile 2-litre tank pump designed for efficient condensate water removal. This pump effectively moves condensation from your HVAC equipment, making it ideal for directing the flow of condensation produced by evaporator units, refrigeration cabinets, and air conditioning systems—especially when gravity drainage is not feasible. Its state-of-the-art vertical design allows it to fit in tight spaces, requiring a smaller footprint.

Key Features:

Vertical centrifugal pump design
 2 litre collection tank
 Stainless steel motor shaft
 Automatic start and stop operation
 High-level water detection (overflow detection switch)
 3/8" O.D. barbed discharge adapter with built-in check valve
 Three 1-1/8" diameter inlet openings (two fitted with removable cap plugs)
 Thermally protected, fan-cooled motor
 Built-in wall mount tabs on the tank
 Removable pump float locking tab for safety during transportation (to be removed at installation)
 Maximum water temperature: 140 °F
 2-metre, 3-conductor cable with a grounded 3-prong plug

Pump | 2050 grams

170 x 320 x 210 mm



H20CH

Gel-Clear 'Helix' Condensate Hose

Introducing the Gel-clear '25 Year' Hose

The failsafe discharge hose for any type of condensate pump installation! This heavy-duty ½" PVC hose features steel wire reinforcement, making it impossible to kink, flatten, or compress in a way that restricts pump flow during normal use. Plus, it won't degrade over its lifetime!

Perfect for cabinet dairy pumps installed beneath cabinets—where push and pull can kink the hose—or above ceilings, where bends and turns may cause pinch points, this hose can be tightly zip-tied without crushing. With our no-quibble 25-year warranty, you can trust the integrity of your installation for years to come!

Hose size
Internal Diameter (ID) : 12mm
Internal Diameter (ID) : 9mm

3500 grams

360 × 360 × 110 mm



BDH30

Economy 3/8 Hose

3/8" (10mm) Clear Braided PVC Hose

This 30-metre coil of polyester-reinforced PVC hose is ideal for draining air conditioning and refrigeration condensate. The size refers to the internal diameter. Packaged in clear shrink wrap for protection and easy storage, the transparent tubing provides full visibility of the flow, while its smooth interior reduces sediment accumulation. It's a flexible and versatile value hose.

3000 grams

300 × 300 × 110 mm

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SHOP

Drainage.

Keep drainage systems **flowing efficiently** with the specialist drainage solutions from Gel Clear. Featuring **innovative design solutions** engineered to reduce maintenance issues and support long-term system performance.



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Dairy Pump Drain Connector

Condensate pumps for refrigeration cabinets function exceptionally well when installed correctly. However, a common challenge arises with the connection between the pump discharge line and the drainage system.

Ironically, the second leading cause of condensate pump failure is discharge hose kinking. The discharge hose typically connects at a high level to a header drain above the ceiling tiles, often requiring a 180-degree turn before dropping into an open pipe. This open connection is also susceptible to leaks caused by “backwash,” which occurs when the pump discharges under pressure into a gravity drain, creating a kinetic wave that pushes water back down the drain pipe.

Both of these issues are effectively addressed with the Gel-clear drain connector. This innovative connector seals the connection and aligns the hose vertically in a straight line, completely eliminating the risk of kinking.

The Gel-clear header drain connector exemplifies how necessity drives innovation—solving a problem related to a small but crucial element: the drainage connection. Traditionally, connecting the display case outlet to the drain involves running a section of hose to the header drain, doubling it over, and inserting it into an open connection on a ‘T’ junction.

This flexible hose is prone to kinking, which can ultimately lead to pump burnout. Developed in collaboration with the University of Central Lancashire Innovation Clinic and manufactured in the North West of England, the Gel-clear header drain connector is specifically designed to prevent these issues.



The plastic connector ensures a sealed connection to the hose, preventing any backwash leaks and ensuring that the hose runs vertically without kinks. Additionally, it features an integral air inlet valve to maintain air pressure balance in compliance with building regulations and British Standard EN12056.

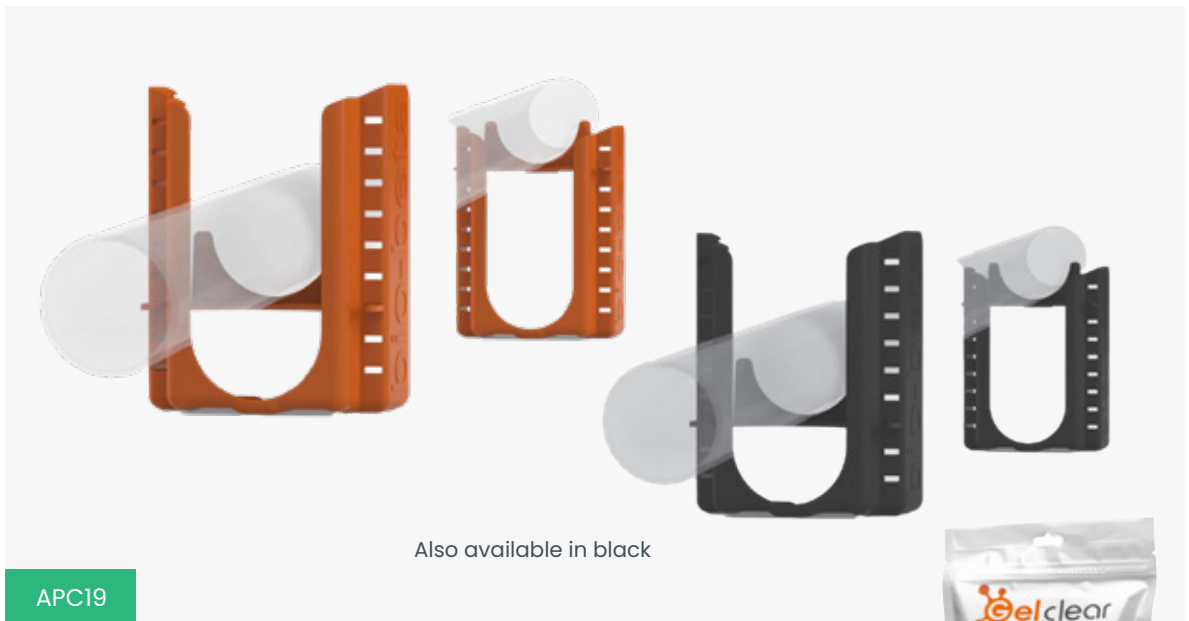
Conceived, designed, and manufactured in Lancashire, England, the Gel-clear header drain connector represents a practical solution to a common problem.

52 grams

210 x 110 x 50 mm

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Condensate Drain Support Twin Pk

Refrigeration cabinet drains are often installed flat to the floor, which poses a significant challenge. All gravity drains require a minimum slope of 1.8% to achieve the necessary flow rate of 0.6 meters per second needed to keep them clean.

Blocked condensate drains can have a substantial trickle-down cost impact on refrigeration systems, leading to fan motor damage, increased use of absorbent strips, slip claims, and more.

The Bio-Beta pipe support is designed for easy retrofitting of existing drains, allowing for quick installation without interrupting cabinet function. We've developed a range of components to tackle common drainage issues—ranging from blockages to pump burnout and leaks. These products were designed by drainage specialists who understand the real problems and where they occur. When we found no suitable solutions available, we decided to create them ourselves.

The pipe support exemplifies this approach. A frequent issue with cabinet condensate drains is their flat installation, which significantly contributes to blockages. Drains need to maintain a flow to stay clean; without a slope, sediment settles and eventually causes blockages. Condensate pumps can suffer similarly if they lack a continuous flow of water.

A recent study revealed that over 90% of condensate drain blockages in food retail environments occurred in drains installed flat to the floor.

Gel-clear's plastic pipe supports are elegantly simple; they slide under the drain to create an optimal angle of approximately 2 degrees. (It's worth noting that the EN12056 standard requires indoor gravity drains to have a minimum slope of 1.9 degrees.) The beauty of Bio-Beta supports is that they can be installed without removing anything from service.

The use of these supports can dramatically improve drain efficiency, help prevent spillages due to blockages, and ensure compliance with EN12056 standards—thereby reducing liability in the event of a slip or trip claim. They can pay for themselves many times over.



Twin Pack | 102 grams

260 x 150 x 50 mm



**Award winning
innovation**



Get in touch:



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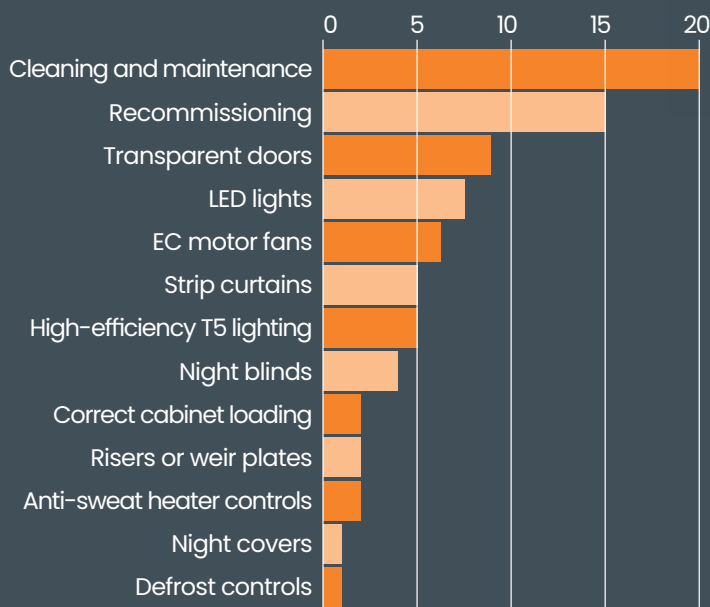


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Refrigerated display cases rank number 1 in areas where energy use can be significantly cut.

As part of the Roadmap for Refrigeration, the carbon Trust identified cleaning and maintenance as the largest area for achieving energy savings in food retail display chillers.



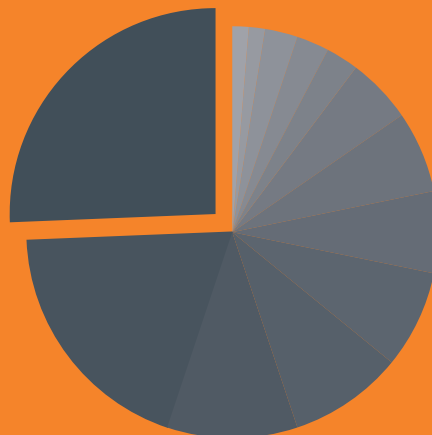
“In the UK, refrigerated display cabinets use around 5,800 GWh/year.

This is over a third of all the electricity used for refrigeration in the food chain and costs around **£500m per year.”**
(Source; Carbon Trust)

Energy saving doesn't need to be expensive. Up to 20% can be cut in many refrigeration plants through actions that require little or no investment.

In addition, improving the efficiency and reducing the load on a refrigeration plant can improve its reliability and reduce the likelihood of a breakdown.

- | | |
|--------------------------------|-------------------------------|
| 20% Cleaning and maintenance | 4% Night blinds |
| 15% Recommissioning | 2% Correct cabinet loading |
| 8% Transparent doors | 2% Risers or weir plates |
| 7% LED lights | 2% Anti-sweat heater controls |
| 6% EC motor fans | 1% Night covers |
| 5% Strip curtains | 1% Defrost controls |
| 5% High-efficiency T5 lighting | |



SHOP

Chemicals & Cleaning.

Our cleaning products are available in both concentrate and ready-to-use formats.



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ECP100

Eco-Clear 'One Shot' 100ml Pouch

The perfect pre-cleaner for Gel-Clear tablets, Eco-Clear has been developed with contractors in mind. By coating the evaporator coil with award-winning Gel-Clear nanotechnology, Eco-Clear helps eliminate airborne bacteria on contact while improving coil efficiency.

Eco-Clear also helps reduce the amount of chemicals entering the watercourse and minimises plastic waste, supporting more efficient and sustainable cleaning practices.

Caution: Use biocides safely. Always read the label and product information before use.

110 grams

155 x 80 x 31 mm



Gel-clear Ltd

145 Bolton Road, Darwen, Lancashire, England BB3 1DF





ECRTU750

Eco-Clear Ready To Use 750ml Trigger 6pk

Supporting Gel-Clear's commitment to safer and more sustainable cleaning practices, Eco-Clear helps reduce chemical use during deep cleaning of refrigeration cabinets, helping to minimise the impact on the watercourse.

Available in convenient 100ml concentrated pouches, each pouch produces up to 8 litres of ready-to-use cleaner – ideal for use with contractor sprayers.

Caution: Use biocides safely. Always read the label and product information before use.

Pack of 6 | 800 grams

60 x 100 x 290 mm



ECC250

Eco-Clear Concentrate

Eco-Clear helps reduce the amount of chemicals entering the watercourse during deep cleaning of refrigeration cabinets. With an impressive 80:1 dilution ratio, it requires significantly less packaging and plastic than conventional products.

Also available in convenient 100ml pouches, each pouch produces up to 8 litres of ready-to-use cleaner – ideal for use with contractor sprayers.

Caution: Use biocides safely. Always read the label and product information before use.

255 grams

80 x 55 x 45 mm



ECRTU5

Eco-Clear RTU 5L Refill

In line with Gel-Clear's focus on operational safety, Eco-Clear helps reduce the amount of chemicals entering the watercourse during deep cleaning of refrigeration cabinets.

Also available in concentrated 100ml pouches, each pouch produces up to 8 litres of ready-to-use cleaner – ideal for use with contractor sprayers.

Caution: Use biocides safely. Always read the label and product information before use.

5100 grams

140 x 180 x 290 mm

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Eco-Clear Ready To Use Evaporator coil cleaning

Evaporator coil cleaning on refrigeration cabinets is the starting point for good refrigeration cabinet maintenance. Coils are where 'The rubber meets the tarmac' in HVACR equipment, the first point of contact between the units heat exchanger, and the surrounding airflow. Eco-clear is a first line of defence, killing airborne bacteria on contact with the coil. Coating the coil and pan using the award winning Gel-clear nano technology, antibacterial coating of drains, we can now extend this protection back to the coils contact with the airflow.

The Carbon Trusts Refrigeration Roadmap identifies cleaning & maintenance as the area for the biggest energy savings in the cold chain, Eco-clear was developed to improve the long term condition of the coil, keeping it cleaner for longer. Improving coil efficiency and reducing bacterial contamination is only part of Eco-clears broader function, used during the deep clean, Eco-clear conditions the coil, pan and drains, removing microscopic attached biofilms, and coating all surfaces, acting as a conditioner for the installation of Gel-clear tablets, improving the effect.

Also available in concentrated 100 ml pouches to make 8 litres of finished cleaner, ideal for contractors sprayers!



**Eco-Clear Ready To Use
750ml Trigger Spray**

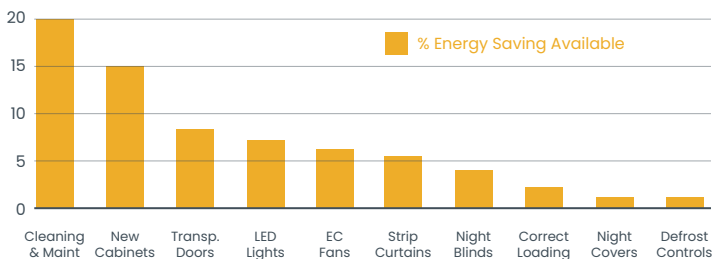


**Eco-Clear Ready To Use
5 Litre Refill**

Chiller Cabinet Energy Savings?

Cabinet Cleaning & Maintenance is the largest available area for energy savings in the food retail cold chain.

Source; The CarbonTrust / IOR





ACPI100

Air-Clear 'One Shot' 100ml Pouch

Air-Clear HVAC cleaner is a top choice for safely cleaning HVAC coils and pans. Now available in a highly concentrated form, it offers superior cleaning with an impressive 80:1 dilution ratio, compared to the industry average of 10:1. Each 100ml 'One Shot' pouch produces 8 litres of premium HVAC disinfectant cleaner, ideal for contractors and sprayers.

Caution: Use biocides safely. Always read the label and product information before use.

110 grams

155 x 80 x 31 mm



AMS-750

Air-Clear Contractor 6pk

Air-Clear is a purpose-developed, multi-purpose sanitising cleaner designed for maintenance operations on AC units. It is the only HVAC cleaner on the market tested to medical-grade disinfection standards—BS EN 14476, EN 13727, EN 14348, and EN 14476. Independently tested, it remains effective for up to 8 weeks and is also NSF registered for use in food preparation areas.

Caution: Use biocides safely. Always read the label and product information before use.

Pack of 6



ACC250

Air-Clear Concentrate

Bearing all the same qualities as the ready-to-use version, Air-Clear Concentrate is available in a highly concentrated form with an impressive 80:1 dilution ratio, compared to the market average of 10:1. Also NSF Registered, Air-Clear Concentrate offers excellent performance while reducing the amount of product and packaging required. Trusted by professional contractors worldwide, Air-Clear is the first choice for protection, performance and value.

Caution: Use biocides safely. Always read the label and product information before use.

255 grams

80 x 55 x 45 mm



AMS5000

Air-Clear 5L (Ready To Use)

Air-Clear 5-litre refill is a medical-grade multi-purpose HVAC cleaner. It is the only HVAC cleaner on the market tested to medical-grade disinfection standards—BS EN 14476, EN 13727, EN 14348, and EN 14476. Independently tested, it remains effective for up to 8 weeks and is NSF registered for food preparation areas. It has also been certified effective against SARS-CoV-2, all coronaviruses, and all enveloped viruses.

Caution: Use biocides safely. Always read the label and product information before use.

5150 grams

295 x 190 x 130 mm

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ICT06

Ice Machine Disinfectant

Add one tablet per litre of water to the machine's cleaning cycle. The fast-dissolving effervescent tablets provide a consistent, high level of bacteria-killing disinfectant. They are effective for general disinfecting and can be used on the ice collection bin as well as all machine surfaces. When used as a general disinfectant on the ice bin, rinse with clean water afterwards.

This product has passed the European Suspension Test BS EN 1276 and European Standard EN 13697.

35 grams

140 x 80 x 20 mm



ICC250

Ice-Clean Concentrate

Ice-Clean is more than just a cleaner; it prevents microbial corrosion, enhances efficiency, and provides significant cost savings compared to ordinary alternatives. It is safe for use in food preparation areas and is NSF registered under Nonfood Compounds D2.

Ice-Clean is effective against bacteria, mould, fungi, and viruses, including Human Coronavirus, and complies with BS EN 1267 and BS EN 1650 standards.

Caution: Use biocides safely. Always read the label and product information before use.

260 grams

80 x 55 x 45 mm



CF750

HVACR Case & Fascia Cleaner

Gel-Clear Fascia Cleaner is a specially formulated case cleaner designed to remove nicotine, grease, and general grime from AC units, as well as food residues, blood, and grease on refrigeration units, allowing engineers to leave everything clean and tidy. It effectively eliminates fingerprints from diffusers and casework while cleaning away nicotine, grease, blood, scuff marks, and general grime. The cleaner features a refreshing Citrus Burst fragrance.

Caution: Use biocides safely. Always read the label and product information before use.

800 grams

50 x 100 x 290 mm



DCP022

Foaming Condensate Drain Cleaner

Gel-Clear's powerful biocidal foaming action cleaner is the perfect alternative to harsh chemicals. It not only clears blockages but also breaks down attached biofilms. Non-corrosive and safe to use on soft metals commonly found in HVACR units, it provides effective cleaning without compromising equipment. Food-safe and supplied in a convenient resealable pouch, Gel-Clear helps save time, cost and hassle during routine maintenance.

Caution: Use biocides safely. Always read the label and product information before use.

208 grams

450 x 90 x 190 mm

Gel-clear Ltd

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Ancillaries.

We aim to provide you with the **complete package** to help you achieve the highest standards in your work, alongside our award-winning products. We strive to make your ordering process easy, allowing you to focus on the task at hand.



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GG02

Gel-Clear Blockblaster Gallo Gun

The GG02 Blockblaster Drain Line Cleaner is a lightweight, portable tool featuring a flexible hose, a cone-shaped tube end seal, a safety catch, and a CO2 release trigger. It is specifically designed to unblock condensate drain lines and other pipework and comes with three CO2 cartridges.

This tool allows for the instant clearing of condensate drain lines.

456 grams

210 x 120 x 65 mm



CO25

CO2 Cartridge 16g Threaded Refills x5

Compatible with Gel-clear Block Blaster Gallo guns, these 16g threaded cartridges contain 100% pure pressurised food-grade CO2 in recyclable steel containers.

Manufacturer's Safety Information: Pressurised gases require proper handling due to their nature. Please ensure you read and understand the manufacturer's safety information before ordering CO2 cartridges.

Age Restriction: This product is only available for purchase by individuals aged 18 and over.

300 grams

20 x 120 x 220 mm

Gel-clear Ltd

145 Bolton Road, Darwen, Lancashire, England BB3 1DF





CC115

Gel-Clear Cassette Cleaning Cover

The Gel-Clear brand Ceiling-Mounted AC Cleaning Protector Bag in large size comes with a water pipe. It is easy to assemble and reusable, made from premium-quality materials, and includes a convenient carry bag for storage.

Product Size: 1150mm x 1150mm
Material: PVC Oxford cloth

Applicable Models:

Cassette-type ceiling-mounted air conditioners.

The dedicated external water outlet and cleaning cover are welded together, featuring a 20mm diameter water outlet. The product uses PU-grade waterproof sealing tape to prevent water leakage. The steel pipe folding design ensures that the overall packaging is easy to store and carry.



Package Includes:

AC Cleaning Protector and easy storage carry bag.

2000 grams

640 x 180 x 130 mm

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SC120

Air Conditioning Cleaning Waterproof Cover

The waterproof layer of the cleaning bag is made from high-grade jacquard fabric, combining practicality with an attractive appearance. With tightly stitched sealing strips, this cleaning cover is both durable and of high quality.

Featuring a large waterproof curtain and three smaller waterproof films, the air conditioner cleaning cover prevents splashing or splattering of wastewater onto your walls and surrounding areas during the cleaning process.

Drain Outlet: This cover is a valuable assistant for cleaning wall-mounted air conditioners. It is equipped with an external water outlet and a pipe to drain water into a bucket.

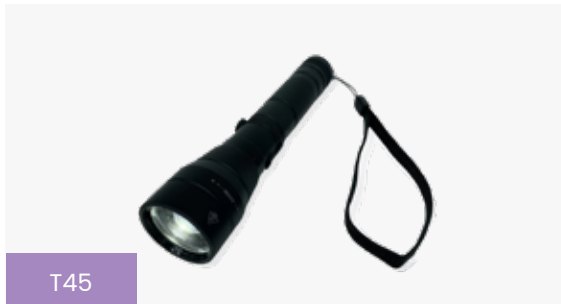
Model SC120 is suitable for: 9K to 18K units.

Size (WHL): 270mm x 270mm x 1000mm (10.62" x 10.62" x 39.37").

Compatibility: The waterproof AC cleaning cover is suitable for use in homes, offices, hotels, shops, and more.

2000 grams

640 x 180 x 130 mm



T45

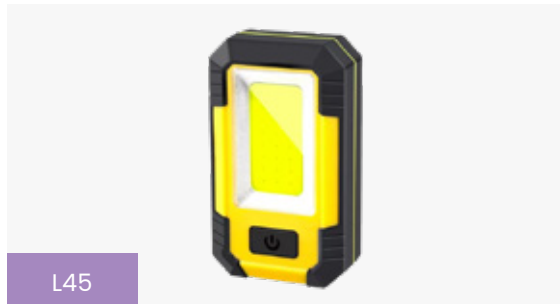
Gel-Clear Torch 1500 Lumen LED

The Gel-clear Torch is a high-power, 10W, super-bright LED flashlight, delivering 1500 lumens. It features a tactical-grade 'thumb' zoom, making it both waterproof and impact-resistant for durable, heavy-duty use.

USB rechargeable with a range of 500 metres, the torch boasts a high-quality aluminium alloy body with a carry handle and an IPX6 waterproof rating. Complete with instruction manual, 3-year warranty card, lithium-ion battery, charging lead, and two spare O-ring seals. Backed by a no-nonsense 3-year warranty.

150 grams

170 x 37 x 37mm



L45

LED Task Light

A super bright, durable premium LED task light, complete with a hook, magnet, and stand. With a 30W output, it produces 1200 lumens, is USB rechargeable, and waterproof. It also functions as a power bank, with a USB-A output suitable for charging mobile phones and tablets (USB cable not included).

Powered by two lithium metal batteries (included).

300 249

135 x 90 x 35mm



DTD250

UV Condensate Drain Dye

You can quickly identify the source of a leak using drain dye. Simply mix it with 5 litres of water in the drain pan; if the puddle doesn't turn green, you can rule out the drains.

The dye is concentrated, and one bottle can treat up to 1000 litres of water, turning it a luminous green. It is also UV sensitive, allowing even the slightest weeping from a loose connector to be detected using a UV torch (sold separately).

113 grams

160 x 35 x 35 mm



PPC03

Plastic Pipe Cutter

Delivers a premium cut with no pipe deformation, ensuring a 90° leak-free abutment. This single-sized plastic pipe cutter fits all sizes up to standard 1½" plastic waste pipes, including both solvent-weld and push-fit types. It is designed to accommodate the slight variations in internal and external diameters across different manufacturers.

The cutter features an interchangeable stainless steel blade with a locking guard to protect both the blade and your fingers when not in use. Supplied with a pre-fitted blade and a pack of 3 spare blades.

100 grams

185 x 85 x 45mm

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RDB1

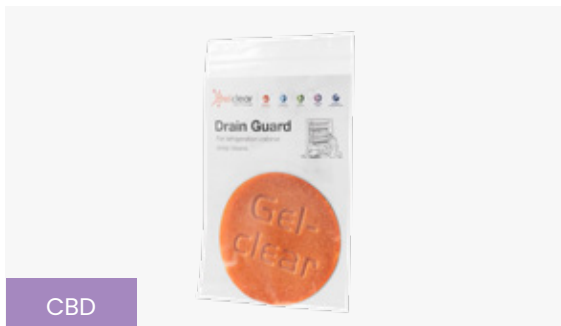
Condensate Drain Bung 12pk

Condensate drain bungs are essential cleaning aids for the deep cleaning of food retail display chillers. During the deep cleaning process, drain outlets need to be blocked to prevent food debris from being washed into the drain lines, which can cause blockages. They also create an airtight seal at the drain point when an aqua vac is used to remove condensate during the deep clean.

Available in two sizes.

200 grams

200 x 320 x 300 mm



CBD

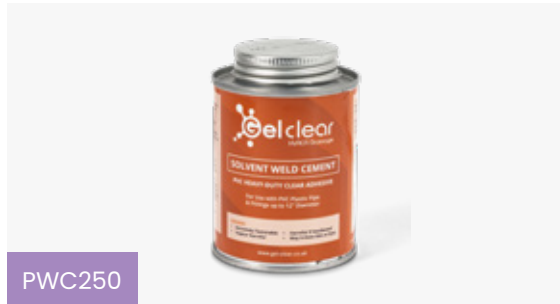
Drain Guard For Cabinet Deep Cleans

Preventing debris from going down the drain is only part of this product's function; it also serves as a seal when cabinet drains are emptied using an aqua vac. If you've ever accidentally sucked a wet rag into a trap, you'll appreciate why this is a valuable solution.

Brightly coloured, the guard is highly visible, reducing the risk of it being left in place after cleaning. It is designed for repeated use, ensuring durability and effectiveness.

50 grams

125 x 125 x 3 mm



PWC250

Solvent Weld Glue

This solvent-based pipe cement rapidly delivers high bond strength, allowing assembled units to be handled after just 10 minutes. It is a non-drip formulation specifically designed for use with HVACR condensate drain pipes. The product comes in a 250ml bottle with an application brush in the cap.

Hazard Information:

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

EUH208: Contains ingredients that may produce an allergic reaction.

268 grams

110 x 75 x 75 mm

Awards

Utilising **technical expertise** and **award winning innovation**
Gel-clear are the HVACR Drainage Specialists.



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