MONARCH WATER
+Calmag

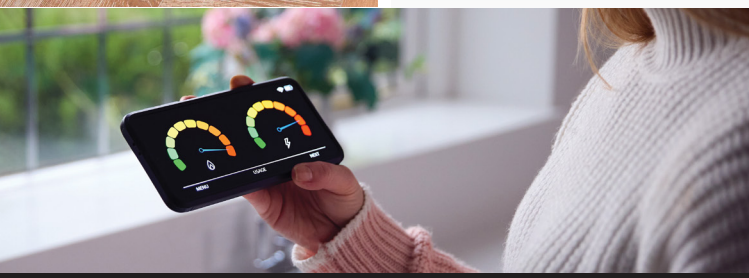


Complete Product Guide



SOFTENERS
SCALE PROTECTION
CONDITIONERS
PURIFIERS
FILTERS
SALT

SOFTENERS
SCALE PROTECTION
CENTRAL HEATING
REVERSE OSMOSIS
WATER FILTERS
CHEMICALS



monarchwater.co.uk/ calmagwater.com 01986 784759

MONARCH WATER + Calmag

A complete solution for modern water treatment.



Water Softeners



Reverse Osmosis



Softener Salt



Scale Prevention



Central Heating Chemicals



Boiler Protection



UltraViolet Disinfection



Water Filtration

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Calmag

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Rated **Excellent** on Trustpilot

4.9

★★★★★

Certificate Number 13366
ISO 9001, ISO 14001

ISO 9001:2015 & ISO 14001:2015 Certified

Certified Excellence, Trusted Water Solutions

When you choose a Monarch Water product, you are choosing a company committed to quality, environmental responsibility, and strong health and safety arrangements across our operations.

Monarch is certified* to ISO 9001:2015 and ISO 14001:2015, internationally recognised standards for quality and environmental management systems. Our certification supports consistent processes, continual improvement and responsible environmental management, giving our merchant partners added confidence in the company behind the products.

What does ISO9001 mean?

ISO 9001:2015 is the International Standard for quality management systems.

It provides a framework that helps Monarch deliver consistent products and services, improve efficiency and meet customer and regulatory expectations. ISO 9001 provides structure, clarity and a basis for continual improvement.

What does ISO14001 mean?

ISO 14001:2015 is the International Standard for environmental management systems.

By adhering to this standard, Monarch takes a structured and proactive approach to environmental management, identifying where our operations have an impact and improving how we manage it.

The standard requires us to consider the life cycle of our products, from design and manufacture through to use and end-of-life. In practice that means looking at resource use, waste management, and how we monitor environmental performance.

What does this mean for our partners?

1. A greater focus on Quality

- We strive to build a quality culture that allows us to continually review and improve our operations
- We test all products thoroughly before releasing them to the market, ensuring products are assessed against our internal quality requirements before release to the market.
- We work to defined processes to drive efficiency, reduce error and deliver a more reliable service.
- We work to ensure all our suppliers meet our expected standards.
- We actively listen to our customer feedback and incorporate it into our continuous improvements.

2. A greater focus on Environment

- We actively look for ways to improve how efficiently we move products, as part of our wider environmental management activities
- We collaborate with suppliers to improve the quality of packaging information available to support recyclability assessments and regulatory compliance.
- We offer a recycling scheme for our customers and ensure returned items are separated into different waste streams and processed via the appropriate waste disposal channels (please ask us for additional information regarding this).

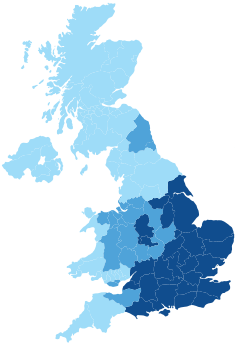
3. A stronger, more responsible supply chain

Together, ISO 9001:2015 and ISO 14001:2015 give independent assurance of how Monarch manages quality and environmental impact, giving our merchant partners evidence rather than intent. These systems also provide the audited processes and data behind our environmental reporting.

*Monarch's management systems are certified by Approachable Certification Ltd, a UKAS-accredited certification body. Certification relates to our management systems and processes, not to individual product certification unless stated otherwise.

Water Softeners





63%

of the UK suffer from hard water

Hard water scales up pipes and can cause permanent, irreversible damage to your boiler.
Just 1.6mm of scale = **12%** efficiency loss!

You'll spend more on:

- your energy/water bills
- appliance servicing
- skincare and shower products
- detergents, washing up liquid and more

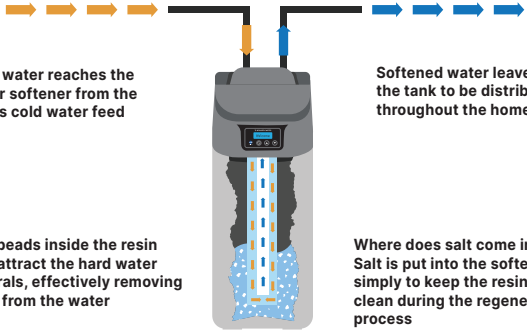
What is Hard Water?

Hard water contains naturally occurring minerals, primarily calcium and magnesium, picked up as water passes through rocks and soil. While safe to drink, hard water can cause limescale build-up in pipes, boilers, taps, showers, and household appliances, reducing efficiency and increasing maintenance

If you live in a hard water area, a water softener is going to be your new best friend! Once you've had one installed, you'll never look back. Life will be wonderfully limescale-free, which is good for your home and good for you too.

How a water softener works

A water softener is a water treatment system that removes the calcium and magnesium minerals responsible for hard water. Using an ion exchange process, it replaces hardness minerals with sodium ions, helping to prevent limescale formation throughout the home. The result is softer water that helps protect plumbing systems and appliances, improves efficiency, and can enhance everyday cleaning and washing.



Hard water reaches the water softener from the mains cold water feed

Softened water leaves the tank to be distributed throughout the home

Tiny beads inside the resin tank attract the hard water minerals, effectively removing them from the water

Where does salt come into it? Salt is put into the softener simply to keep the resin beads clean during the regeneration process

What are the benefits?



Better showers, bubble baths, and silkier hair



No more limescale = better appliance efficiency



Keeps your bathroom and taps sparkling

and so much more!



PRO Softeners

The ultimate in salt tracking technology

MINI AQUA HE PRO / MIDI HE PRO / MASTER HE PRO

- Each Pro Range softener connects to an intuitive app, putting a powerful suite of features directly in the homeowner's hands.
- Water usage tracking: Monitor daily water consumption in real time, with goal-setting tools and usage insights accessible at a glance.
- Salt level monitoring & alerts: The Salt Laser feature sends push notifications when salt is running low, so homeowners always know when it's time to top up.
- Remote diagnostics: Giving Monarch's team the ability to access performance data when you need them, ensuring your softener is always in safe hands.
- Opti-brining with HE resin - only regenerates the resin (food grade) that has been used.
- Built in customer protect programme (CPP) that a) detects leaks in your plumbing system b) delays regeneration until 2am c) learns your water usage patterns to regenerate accordingly and make substantial savings on salt and water use d) automatically adjusts to BST and GMT time changes.
- Complete with full standard installation kit and water hardness test kit.
- Comes with Monarch Water's unique Rapid-fit bypass, reducing components needed for installation by up to 80%.

WRAS APPROVED PRODUCT

opti brining®

7 YEARS

Parts/Labour Warranty*

*subject to annual servicing

Contact your local Rep to place an order, or ring our office at 01986 784759

NEW SALT LASER



The Salt Laser is an intelligent salt level monitoring system designed to take the guesswork out of maintaining your water softener.

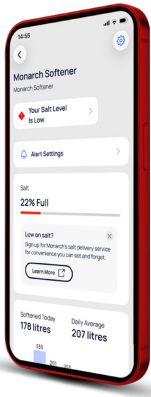
Using precision laser technology, it continuously measures the salt level inside the cabinet and tracks when levels are running low. Connected to the mobile app via WiFi, it gives homeowners real-time visibility and instant notifications - helping ensure the system always performs at its best.

	Mini Aqua HE PRO	Midi HE PRO	Master HE PRO
Number of People	1 - 4	1 - 6	1 - 12
Dims H xW x D (mm)	505 x 270 x 485	570 x 270 x 485	725 x 270 x 485
Max Flow Rate	83 lpm	78 lpm	78 lpm
Daily Capacity (@300ppm)	1,467 litres	2,280 litres	3,420 litres
Salt use per regen (kg)	0.98 - 1.4	1.19 - 1.7	1.89 - 2.7
Water used per regen	49 litres	62 litres	90 litres
Regeneration time	58 minutes	70 minutes	106 minutes

- Max Operating Temperature - 49°C.
- All models are tablet salt only.
- Inlet/Outlet connections - rear facing, 3/4" bspm on Mini Aqua, 3/4"/1" bspm on other models.
- Add 18mm to depth for Maxflow Hoses, 25mm to depth if 28mm applications.

Product Codes	Standard	w/ Maxflow Hoses	1" Upgrade
Mini Aqua HE Pro	PROMAQ001HE	PROMAQ001HECP	N/A
Midi HE Pro	PROMIDM002HE	PROMIDM002HECP	PROMIDM002HE28
Master HE Pro	PROMASM003HE	PROMASM003HECP	PROMASM003HE28

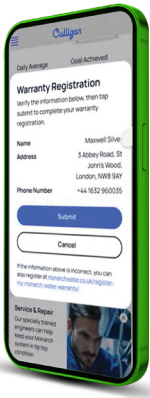
NEW MOBILE APP



Track your Salt Levels

One of the standout features of the Pro Range is its intelligent salt monitoring system. The app keeps track of salt levels and sends notifications when it's time to refill, removing the need for regular manual checks.

Protect your future



You can submit your warranty on the app, making this crucial step simpler, and quicker!

Track your water usage

Advanced insights now give you even more information about your home and your usage. The Monarch Pro app allows homeowners to monitor household water consumption directly from their smartphone. This provides valuable insight into daily usage patterns and can help identify unusual spikes that may indicate waste or leaks.





"I've had a Monarch softener for a few years now – it's a great unit and has made a huge difference in our home."

★★★★★

Danny Walters | Keanu Taylor, Eastenders

Sizing a Mini Aqua Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
2	500-550	800 – 880
3	400-450	978 – 1100
4	300-350	1257 – 1467
5	250-299	1760

Sizing a Midi Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
4	450-550	1244 - 1520
5	400-449	1710
6	300-350	1954 - 2280
8	250-299	2736



Sizing a Master Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
5	550+	1865
6	450-549	2280
7	400-449	2565
8	350-399	2931
10	300-349	3420
12	250-299	4104



The average daily water usage per person in the UK is around 142 liters, according to Water UK. This can vary depending on lifestyle and household size, but it's significantly higher than many people realize.

It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Sizing a Softener by Bathroom

1 Bathroom = Mini Aqua HE Pro
1-2 Bathrooms = Midi HE Pro
2-3 Bathrooms = Master HE Pro
3-4 Bathrooms = Master HE Pro

If you're on the borderline (e.g. 3 bathrooms and 4 people), **go with the larger model** to avoid loss of flow or frequent regenerations. Oversizing slightly ensures better efficiency and comfort, especially with modern high-flow showers and appliances.



7 YEARS
Parts/Labour Warranty *

WRAS APPROVED PRODUCT

opti brining®

Ultimate Softeners

MINI AQUA HE / MIDI HE / MASTER HE

- Internationally successful. The No.1 choice for installers in the UK and the UK's No.1 softener in its class
- Opti-brining with HE resin - only regenerates the resin (food grade) that has been used.
- Built in customer protect programme (CPP) that a) detects leaks in your plumbing system b) delays regeneration until 2am c) learns your water usage patterns to regenerate accordingly and make substantial savings on salt and water use d) automatically adjusts to BST and GMT time changes.
- Complete with full standard installation kit and water hardness test kit.
- Comes with Monarch Water's unique Rapid-fit bypass, reducing components needed for installation by up to 80%.

	Mini Aqua HE PRO	Midi HE PRO	Master HE PRO
Number of People	1 - 4	1 - 6	1 - 12
Dims H xW x D (mm)	505 x 270 x 485	570 x 270 x 485	725 x 270 x 485
Max Flow Rate	83 lpm	78 lpm	78 lpm
Daily Capacity (@300ppm)	1,467 litres	2,280 litres	3,420 litres
Salt use per regen (kg)	0.98 - 1.4	1.19 - 1.7	1.89 - 2.7
Water used per regen	49 litres	62 litres	90 litres
Regeneration time	58 minutes	70 minutes	106 minutes

- Max Operating Temperature - 49°C.
- All models are tablet salt only.
- Inlet/Outlet connections - rear facing, 3/4" bspm on Mini Aqua, 3/4"/1" bspm on other models.
- Add 18mm to depth for Maxflow Hoses, 25mm to depth if 28mm applications.

*subject to annual servicing

Sizing a Mini Aqua Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
2	500-550	800 – 880
3	400-450	978 – 1100
4	300-350	1257 – 1467
5	250-299	1760

Sizing a Midi Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
4	450-550	1244 - 1520
5	400-449	1710
6	300-350	1954 - 2280
8	250-299	2736





Sizing a Master Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
5	550+	1865
6	450-549	2280
7	400-449	2565
8	350-399	2931
10	300-349	3420
12	250-299	4104

The average daily water usage per person in the UK is around 142 liters, according to Water UK. This can vary depending on lifestyle and household size, but it's significantly higher than many people realize.

It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Product Codes	Standard	w/ Maxflow Hoses	1" Upgrade
Mini Aqua HE	MAQ001HE	MAQ001HECP	N/A
Midi HE	MIDM002HE	MIDM002HECP	MIDM002HE28
Master HE	MASM003HE	MASM003HECP	MASM003HE28



Ultra Softeners

ULTRA HE / PREMIO HE

Perfect for ultra soft water

- Opti-brining with HE resin – only regenerates the resin (food grade) that has been used.
- Sof'n'polish™ system – double the contact time for ultra soft water.
- Comes with maxflow hoses as standard.
- Includes Rapid-Fit bypass, which reduces the components needed for installation by up to 80%.
- Can be powered by a single 9V long life lithium battery (6LR61) or via a plug in transformer.
- Free flow valve technology – flow rates up to 65 lpm.
- Complete with full standard installation kit and water hardness test kit.

WRAS APPROVED PRODUCT

opti brining®

7 YEARS

Parts/Labour Warranty *

*subject to annual servicing

Contact your local Rep to place an order, or ring our office at 01986 784759

	Ultra HE	Premio HE
Number of People	1 - 10	1 - 20
Dims W x D x H (mm)	557 x 269 x 489	778 x 269 x 489
Max Flow Rate	65 lpm	61 lpm
Daily Capacity (litres @300ppm)	1,520	3,496
Salt use per regen (kg)	0.84 - 1.2	1.68 - 2.4 (tablet only)
Water used per regen	42 litres	66 litres
Regeneration time	42 minutes	66 minutes

- Water pressure - 1.5-5 bar.
- Max Operating Temperature - 49°C.
- Inlet/Outlet connections - side facing, 3/4" bspm.
- Add 10mm to width if 1" upgrade.

Sizing a Ultra Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
5	550+	829
5	500	912
6	450	1013
6	400	1140
7	350	1303
9	300	1520
10	250	1824

Sizing a Premio Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
11	550 +	1907
12	500	2098
13	450	2331
15	400	2622
17	350	2997
20	300	3496
24	250	4195

The average daily water usage per person in the UK is around 142 liters, according to Water UK. This can vary depending on lifestyle and household size, but it's significantly higher than many people realize.

It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Product Codes	Standard	1" Upgrade	1" Upgrade Kit (Separate)
Ultra HE	PSU027HE	PSU027HE28	PS28UGLOHE
Premio HE	PSP022HE	PSP022HE28	PS28UGLOHE

GS Softeners

High Capacity Softeners suitable for up to 19 people



- Opti-brining with HE resin - only regenerates the resin (food grade) that has been used.
- Includes Rapid-Fit bypass, which reduces the components needed for installation by up to 80%.
- Intelligent microprocessor that controls, monitors and remembers your water use.
- High flow rates (up to 78 lpm) and low pressure drops.
- Proven long life and accurate metering system.
- Built in customer protect programme(CPP) that:
  a) Detects leaks in plumbing systems
  b) Delays regenerations until 2am
  c) Stores data in the event of a power cut
  d) Initiates an additional Super Regen if ever required
  e) Learns and remembers water usage patterns to make substantial savings on salt and water use

	GS4000	GS6000
Number of People	1-13	1 - 19
Dims W x D x H (mm)	350 x 565 x 870	350 x 565 x 1100
Max Flow Rate	70 lpm	70 lpm
Daily Capacity (litres @300ppm)	4,750	6,650
Salt use per regen (kg)	2.6-3.7	3.6-5.2
Water used per regen	122L	190L
Regeneration time	78 minutes	111 minutes

7 YEARS **Parts/Labour** Warranty

WRAS APPROVED PRODUCT

opti brining®

- Water pressure - 1.5-5 bar.
- Max Operating Temperature - 49°C
- Inlet/Outlet connections - rear facing, 3/4" bspm.
- Complete with full standard installation kit, Maxflow hoses and water hardness test kit.

Contact your local Rep to place an order, or ring our office at 01986 784759

Sizing a GS4000 Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
7	550+	2591
8	500	2850
9	450	3167
10	400	3563
11	350	4071
13	300	4750
16	250	5700

Sizing a GS6000 Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
10	550+	3627
11	500	3390
12	450	4433
14	400	4988
16	350	5700
19	300	6650
22	250	7980

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It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Product Codes	Standard	1" Upgrade
GS4000	GS4004HE	GS4004HE28
GS6000	GS6004HE	GS6004HE28



Plumbsoft

Smart Efficiency softeners with meter control

PERFECT FOR SPACIOUS HOMES

Product Codes

SE-11

WRAS APPROVED PRODUCT

- Slimline for easy siting and installation.
- Only regenerates the resin that has been used meter control for optimum performance.
- 5 year parts and 2 year labour warranty.
- Includes Rapid-Fit bypass which reduces the components needed for installation by up to 80%
- Built in customer protect programme(CPP) that:
  a) Detects leaks in plumbing systems
  b) Delays regenerations until 2am
  c) Stores data in the event of a power cut
  d) Initiates an additional Super Regen if ever required
  e) Learns and remembers water usage patterns to make substantial savings on salt and water use
- Simple programming with digital display - for quick set-up.
- Complete with full standard installation kit, Maxflow Hoses and water hardness test kit.

Number of People	Dims W x D x H (mm)	Max Flow Rate	Daily Capacity @300ppm	Salt use per regen
1 - 5	225 x 475 x 624	78 lpm	1,900 litres	1.5kg

Water use per regen	Connections	Max Operating Temperature	Depth with Maxflow Hoses
62 L	3/4" or 1" bspm	78 lpm	493mm

5 2 YEARS
Parts/Labour Warranty

Sizing a SE-11 Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)	Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
3	550 +	1036	5	350	1629
3	500	1140	5	300	1900
4	450	1267	6	250	2280
4	400	1425			

Contact your local Rep to place an order, or ring our office at 01986 784759



Luxe

WRAS APPROVED PRODUCT

Low Salt Warning Alarm water softener

ONLINE RETAIL ONLY

Standard	MWLUXE60
W/ Maxflow Hoses	MWLUXE60-PC
1" Upgrade	MWLUXE60-28

- Greater exchange capacity Unique HE resin with Opti-Brining®.
- Easy install Hi-Flow, Rapid-Fit bypass as standard.
- Uses up to 24% less water and 12% less salt per annum.
- Fast 8 minute mini top up regeneration.
- Compact 35mm - shorter height than the Midi Pro model.
- Free flow valve technology - The highest flow rates with the lowest pressure drop.
- Designed exclusively for the UK market with audible & visual low salt alarm feature.
- All figures relate to the LUXE HE model, using a water hardness level of 300ppm.

Number of People	Dims W x D x H (mm)	Max Flow Rate	Daily Capacity @300ppm	Salt use per regen (kg)
1 - 5	260 x 475 x 520	78 lpm	1,900 litres	0.96

Salt Storage Capacity	Connections	Max Operating Temperature	Depth with Maxflow Hoses
25kg	3/4" bspm	42°C	493mm

7 2 YEARS
Parts/Labour Warranty

Sizing a Luxe Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
3	550 +	1036
3	500	1140
4	450	1267
4	400	1425
5	350	1629
5	300	1900

SOF3000

Separate Brine Tank



PERFECT FOR HOMES NEEDING FLEXIBILITY: E.G LOFT SPACES & GARAGES

The Monarch SOF3000HE is a high efficiency, high capacity water softener with a separate salt tank, perfect for saving space. This Monarch space saving water softener is ideal for installation where access is at a premium, especially when filling with salt. With a separate salt tank that can be placed up to five metres away, it provides flexible installation options, making it ideal for homes with limited access or tight spaces.

This compact yet powerful system is perfect for households of one to ten people, offering both high performance and space-saving design.

- Leading 7 year parts and 2 year labour warranty - for complete peace of mind.
- Opti-brining with HE resin - only regenerates the resin (food grade) that has been used.
- Includes Rapid-Fit bypass, which reduces the components needed for installation by up to 80%.
- Intelligent microprocessor that controls, monitors and remembers your water use.
- High flow rates (up to 78 lpm) and low pressure drops.
- Proven long life and accurate metering system.
- SOF3000 space-saving separate salt tank that can be placed up to 5 metres from the softener.
- SOF3000 Digital display for easy control and programming.
- **Larger 75L salt tank available (quote SOF3000HE75).**
- Complete with full standard installation kit and water hardness test kit.

WRAS APPROVED PRODUCT

opti brining®

7 YEARS

Parts/Labour Warranty*

*subject to annual servicing

Contact your local Rep to place an order, or ring our office at 01986 784759

Sizing a SOF3000 Softener

Number of People	Water Hardness (PPM)	Daily Capacity (Litres)
5	550 +	1658
5	500-549	1824
6	450-499	2027
6	400-349	2280
7	350-399	2606
9	300-349	3040
10	250-299	3648

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It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Number of People	Dims W x D x H (mm)	Salt Tank Dims W x D x H(mm)	Max Flow Rate
1 - 10	270 x 270 x 597	320 x 320 x 440	78 lpm

Salt Storage Capacity	Connections	Daily Capacity (litres @300ppm)	Regeneration time
25kg	3/4" mbsp	3,000	74 minutes

Salt use per regen (kg)	Depth with Maxflow Hoses	Max Operating Temperature
1.61 - 2.3	288 mm	49°C

- If using Maxflow hoses please allow an extra 18mm to depth. If using Ultraflow hoses for 28mm applications, please allow an extra 25mm to depth.
- Tablet salt only.

Standard	SOF3000HE	SOF3000HE/75
1" Upgrade	SOF3000HE28	SOF3000HE28/75



Softener Salt

THE ULTIMATE SALT

- All salt is manufactured to BS: EN973 – Class A ensuring the highest food grade quality.
- Our salt also contains no anti-caking agents.
- All our softeners are tablet salt only other than the Ultra HE.
- This high-grade salt ensures your water softener performs effectively - creating brine which cleans the resin beads thoroughly, thus protecting appliances and plumbing from scale buildup.

Salt Purchasing Recommendations

25kg Tablet Salt



Product Code	MTS25
Quantity with tail lift	40 per pallet
Quantity without tail lift	49 per pallet

Consumer Recommendations

Household Size	Number of Bags per year	Household Size	Number of Bags per year
2	6 Bags		
3	8 Bags	5	12 Bags
4	12 Bags	6	15 Bags

Contact your local Rep to place an order, or ring our office at 01986 784759



25kg Granular Salt

Product Code	MGS25
Quantity, delivery w/ tail lift	40 per pallet
Quantity, delivery w/o tail lift	49 per pallet

10kg Tablet Salt



Product Code	MTS10
Quantity, delivery w/ tail lift	100 per pallet
Quantity, delivery w/o tail lift	120 per pallet

Consumer Recommendations

Household Size	Number of Bags per year	Household Size	Number of Bags per year
2	12 Bags		
3	18 Bags	5	30 Bags
4	24 Bags	6	36 Bags

8kg Block Salt



Product Code	BSB8
Quantity with tail lift	120 per pallet
Quantity without tail lift	160 per pallet

Consumer Recommendations

Household Size	Number of Bags per year	Household Size	Number of Bags per year
2	15 Bags		
3	24 Bags	5	39 Bags
4	30 Bags	6	48 Bags

Advance

SA-15 / SA-22 / SA-28

Scale-free Whole House Filtered Water



Whole-house scale prevention with premium scale-free filtered drinking water at every tap.

The Scaleout Advance water conditioner alters the properties of water to provide 24/7 protection against limescale and corrosion.

If you've decided a water softener isn't for you but you still need to combat the problem of hard water, we recommend the very next best thing – our Scaleout Advance. Neat and compact, it offers protection against hard limescale and provides delicious, filtered drinking water in one clever solution.

Say goodbye to chlorine, sediment, bad tastes, odours, herbicides and pesticides from your drinking water as our Scaleout Advance uses a GAC (Granulated Activated Carbon) filter system to keep your water fresh and tasty.

Scaleout Advance is a virtually maintenance-free product. To keep it working at optimum performance, you'll need to replace the filter cartridge typically once a year**

- Easy to install - no drain or power points are required.
- Limescale protection for your kitchens, bathrooms and plumbing systems.
- Clean, fresh and healthy filtered drinking water at every tap.
- Excellent water clarity, even when preventing scale.
- Flow rates up to 75 lpm

5 2 YEARS

Parts/Labour Warranty

	Dims H x W x D (mm)	Max Flow Rate (lpm)	Connection
SA-15	355 x 190 x 182	30	3/4" mbsp
SA-22	355 x 190 x 182	45	3/4" mbsp
SA-28	355 x 190 x 182	60	1" mbsp
SA-LC	620 x 190 x 182	75	1" mbsp

**upon warranty registration within 90 days of installation

Contact your local Rep to place an order, or ring our office at 01986 784759

How does it work?

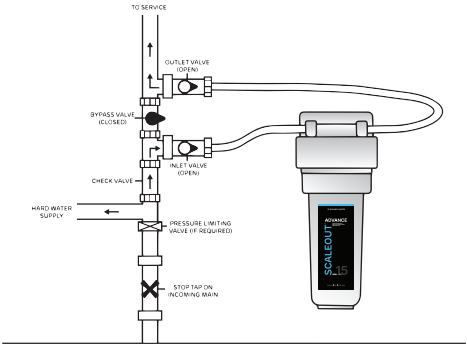
The Advance full of carbon, granulated carbon, and siliphos beads. Each bead gives 2,000 litres of limescale protection, and with 70 beads contained, you get a whopping 140,000 litres of protection.

If you looked at limescale through a miscroscope, it has barbed edges on it. What siliphos does, is when it dissolves, it coats the snowflake, so the barbed edges become smooth, and that stops them sticking together.

Sizing a Scaleout Advance

The model size correlates to the size of the pipework, e.g SA-22 = 22mm pipework. Below is a guide on when to replace the cartridge:

Number of People	2	Number of People	4	Number of People	6
Replace every	12 months	Replace every	8 months	Replace every	6 months



We would advise giving 4-6 inches below the Scaleout Advance to ensure space for cartridge removal.

Upgrading from a previous Monarch Scaleout Model

- No resin changes needed! Our new advance is close to the cost of a replacement resin pack and cartridge - by upgrading, you save yourself £££s in the years to come
- Easy installation - Our Advance uses the same hoses as the old Scaleout, making installation straightforward.

Which Scaleout model matches my current Scaleout?

Old Scaleout Model	New Scaleout Model
SXP15 / SC2 / S15C / S15T	SA-15
SXP22 / SC3 / S22	SA-22
SXP28	SA-28

Inhibitor



SI-15 / SI-22 / SI-28

A superior conditioning performance thanks to a unique catalytic core treatment method.

The Scaleout Inhibitor is a fit-and-forget solution to limescale issues, alters the properties of water to provideprotection against limescale and corrosion. No maintenance is required.

10 YEARS Parts Warranty

WRAS APPROVED PRODUCT

MADE IN BRITAIN

- Leading 10 year parts warranty* for complete peace of mind.
- World leading technology since 1973 – utilising a unique catalytic core within a quality stainless steel body.
- Removes existing scale, and prevents new scale from forming.
- Water remains treated for up to 3 months (most inhibitors only last 12hrs, if not less).
- Self cleaning action keeps the media core working at optimum efficiency.
- Installation is straightforward and can be connected to any type of pipe – copper, pvc, galvanized, etc.
- Reduces energy bills and prolongs equipment life.
- No maintenance - fit and forget, and no earth bonding is required.

	SI-15	SI-22	SI-28
People	1 - 4 15 or 22mm pipwork	4 - 5 22 or 28mm pipwork	6+ 28 or 35mm pipwork
Dims L x Ø (mm)	180 x 44	180 x 44	210 x 49.5
Optimum flow range (lpm)	4 - 21	18 - 41	34 - 62
Connections	1/2" fbsp	3/4" fbsp	1" fbsp

How long does the water stay treated for?

UCD DUBLIN

*Results published by Dublin University show, that stored water following catalytic treatment using this unique conditioning technology, the colloidal calcium carbonate crystal remained in its treated form for the entire test period of 3 months - compared to standalone magnetically treated water which can revert back after 24-48 hours.

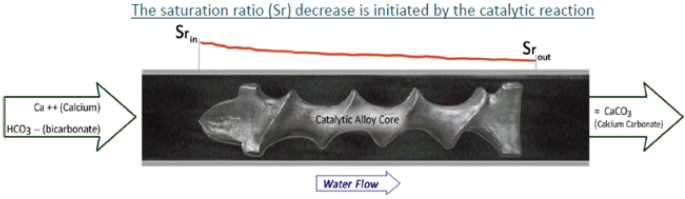
Contact your local Rep to place an order, or ring our office at 01986 784759

How does it work?

When dissolved calcium carbonate in hard water is exposed to a change in pressure (or temperature), it precipitates to its solid carbonate states - calcium carbonate ($CaCO^3$) calcite.

These calcium carbonate crystals are in 'calcite' form and adhere to one another & to surfaces due to their composition and shape - forming limescale deposits on nearby surfaces.

The Monarch SI conditioner, via the spiral alloy core, creates turbulence to trigger the precipitation process, this combined with the surface chemistry of the alloy creates a catalytic reaction which changes the physical characteristics of the calcium carbonate ($CaCO^3$). The reaction causes carbonic acid to precipitate.



The reduction of this acidic component increases the pH of the solution.

This pH triggers calcium to come out of the solution to combine with available bicarbonate to form calcium carbonate ($CaCO^3$) in its aragonite state. The pH increase is only temporary and there's no noticeable difference in pH readings before or after the unit.



The calcium carbonate is still present in the water (remember: nothing is removed or added to the water), but now in a more stable / permanent form - an 'aragonite' $CaCO^3$ crystal.

Due to the smoother crystal form $CaCO^3$ in 'aragonite' form flows through the system without depositing as scale or adhering to surfaces.

The aerator screen has holes to increase the power of the water through the unit; the more pressure the better as this creates more power going through the whole and the center core, causing a greater reaction in the water.





MA12CH

HIGH CAPACITY FILTRATION



The Monarch MA12CH is a high-capacity under-sink water filter kit meant to give you cleaner, tastier water with minimal hassle. The design's compact form, auto shut-off feature, scale protection, and certifications make it a convenient, safe, and effective choice for improving drinking water.

- Removes bad tastes, odours, and impurities: It significantly reduces chlorine, organic chemicals, herbicides, pesticides, and generally improves your water quality.
- Scale-inhibiting media: Helps protect appliances like kettles and coffee machines from limescale buildup.
- Auto shut-off cartridge head: You can replace the filter cartridge without needing to shut off the water supply.
- Uses 3/8" Speedfit tubing for easy installation.
- Utilises NSF-certified filtration media, and some cartridges are also WRAS approved for safety in UK installations.
- Cartridge need replacing every 12 months.

Dims HxWxD (mm)	Capacity (litres)	Max Flow Rate	Connections	Max pressure
295 x 74 x 74	7,500	5 lpm	1/4" or 3/8" speedfit	6.8 bar

c/w 1/4" connections	c/w 3/8" connections	c/w Monarch Tap	c/w Monarch Tap + Saddle Valve
MA12CH14	MA12CH38	MA12CHMTK	MA12CHMTKSV

Contact your local Rep to place an order, or ring our office at 01986 784759



LSF140

SCALE **REDUCING** FILTRATION



Chlorine



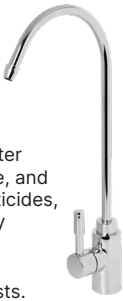
Bad Tastes



Odours



Herbicides



Our LSF140 1 Micron Carbon Block Kitchen Sink Water Filter reduces unwanted impurities in water such as kettle scale, and reduces chlorine, bad tastes, odours, herbicides and pesticides, giving clean, ultra clear and fresh tasting water with every dispense.

- 1 Micron carbon block – effective against water borne cysts.
- **Reduces** chlorine, bad tastes, odours, herbicides and pesticides.
- Incorporates scale inhibiting media – helping to reduce kettle scale.
- For use on potable water only.
- Available with Monarch tap,saddle valve, and fittings to use with our Rapid Fit bypass (see codes below).
- Replacement cartridges available (LSF140RC).

Dims H x W x D (mm)	Capacity (litres)	Max Flow Rate	Connections	Weight
250 x 135 x 88	10,000	5 lpm	1/4" or 3/8" speedfit	815g

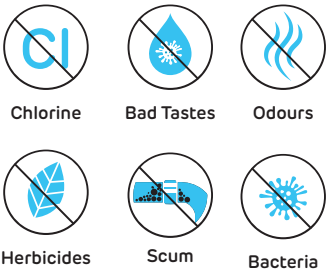
LSF only with 1/4" connections	LSF only with 3/8" connections	LSF c/w bari tap, for Rapid Fit bypass	c/w Monarch Tap + Saddle Valve
LSF14014	LSF14038	LSF140BTK	LSF140BTKSV

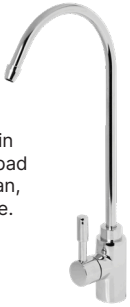
Replace the Cartridge every:	House of 2	House of 4	House of 6+
	6 months	4 months	2 months



LSF240

SCALE **REMOVING** FILTRATION





The LSF240 anti-scale removes unwanted impurities in water such as scale and scum and reduces chlorine, bad tastes, odours, herbicides and pesticides - giving clean, ultra clear and fresh tasting water with every dispense.

- **Removes** scale and scum.
- **Reduces** chlorine, bad tastes, odours, herbicides and pesticides.
- Gives ultra clear and fresh tasting water, improving the taste of other drinks and food.
- Available with Monarch tap,saddle valve, and fittings to use with our Rapid Fit bypass (see codes below).

Dims HxWxD (mm)	Capacity (litres)	Max Flow Rate	Connections	Weight
370 x 135 x 88	1,200 @ 180ppm	5 lpm	3/8" speedfit	1655g

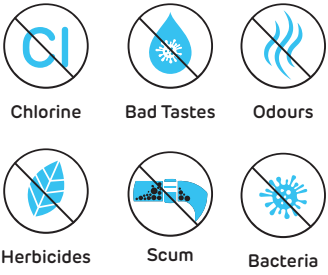
LSF Replacement Cartridge	LSF only with 3/8" connections	LSF c/w Monarch tap, for Rapid Fit bypass	c/w Bari Tap + Saddle Valve
LSF24014	LSF24038	LSF240BTK	LSF240BTKSV

Replace the Cartridge every:	House of 1	House of 2	House of 4+
	4 months	2 months	30 days

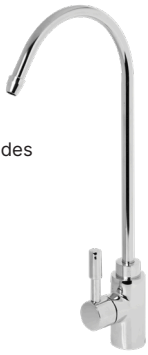


LSF560

SCALE **REMOVING** FILTRATION



Monarch's LSF560 anti-scale filter removes scale and scum and reduces chlorine, herbicides and pesticides giving clean, ultra clear and fresh tasting water with every dispense.



- **Removes** scale and scum.
- **Reduces** Chlorine, bad tastes, odours, herbicides and pesticides.
- Gives ultra clear and fresh tasting water, improving the taste of other drinks and food.
- Available separately or with Monarch tap and saddle valve.

Dims H x W x D (mm)	Capacity (litres)	Max Flow Rate	Connections	Weight
435 x 140 x 140	3,700 @ 180ppm	5 lpm	3/8" speedfit	3750g

LSF Replacement Cartridge	LSF only with 3/8" connections	c/w Monarch Tap + Saddle Valve
LSF560RC	LSF56038	LSF560BTKSV

Replace the Cartridge every:	House of 1	House of 2	House of 6+
	6 months	3 months	30 days

Water Softener Air Gap



When you connect the drain to the waste system, you must protect the water softener and the water supply from backflow.

The waste pipe is classed as a category 5 risk (sewage) and therefore it requires an air break. A non-return valve on its own is not enough.

1/2" hose 23G01355 3/8" pushfit 23G01356

Pressurised Kit

For 22mm installations



Includes

- Maxflow Hoses
- 3 x 22mm Blue Handle Valves
- 1 x 22mm Non-return Valve
- 2 x 22mm x 3/4" M Couplers

Product Code PSK007

1" Upgrade Kit

For 28mm installations



Includes

- Maxflow Hoses
- 3 x 28mm Blue Handle Valves
- 1 x 28mm Non-return Valve
- 2 x 28mm x 1" M Couplers

Product Code UFK007

Standard Hoses

ideal for pressurized and unvented systems.



- Flexible and braided.
- High Pressure and High Flow Hoses
- WRAS Approved
- 3/4" FBSP Connections
- 60cm Length
- 1 year warranty

Product Code MFH006

Rapid Fit Bypass



An all-in-one plumbing manifold that cuts installation components by up to 85% when setting up a water softener.

Delivers up to 80 litres per minute with a built-in 1" high flow check valve.

15mm/22mm MBP00134 1"/28MM MBP00144

WELD-ON-611

Solvent Cement



Weld-On 611 is a solvent weld cement designed fo strong, durable bonds between ABS and PVC piping. It ensures a secure, leak-free connection suitable for various applications, including drainage systems, sewer lines, and vent piping.

The cement features a fast-setting adhesive that creates a robust, permanent bond, making it ideal for both residential and commercial plumbing projects.

It's ease of application and compatibility with ABS and PVC pipes make it a reliable choice for plumbers and DIY enthusiasts alike.

500ml Product Code

CHEM-611-250
Box Quantity x24

Maxflow Hoses

ideal for pressurized and unvented systems.

- Flexible and braided.
- High Pressure and High Flow Hoses
- WRAS Approved
- 3/4" FBSP Connections
- 60cm Length
- 1 year warranty



Product Code	MFH006

Ultraflow Hoses

ideal for pressurized and unvented systems.

- Flexible and braided.
- High Pressure and High Flow Hoses
- WRAS Approved
- 1" FBSP Connections
- 60cm Length
- 1 year warranty



Product Code	UFH007

Drain Hoses

Replacement drain hose for your new softener.



2.5m length	DRAIN2.5
5m length	DRAIN5

MONARCH WATER
ACCREDITED INSTALLER

Become an accredited installer

- Opportunity for customer leads
- Expert product training
- Points based rewards scheme
- Workwear, brochures & merchandise

Unlock your potential and apply now!



MONARCH WATER
PROFESSIONAL

Commercial Solutions

We specialise in delivering innovative solutions tailored to meet the unique water needs of commercial settings

Light Commercial Water softeners

The water softeners of choice for businesses, specifiers, facilities managers, plumbers & installers in the UK.

Our water softener product portfolio caters for all project types, specifications and customer needs, offering optimum efficiency and protection to heating systems, boilers, appliances, and expensive equipment. Significant energy cost savings can be made using limescale prevention products from Monarch Water. Installing a Monarch Water softener significantly reduces the demand and use of expensive cleaning products, detergents and chemicals.





Commercial Inhibitors

used to treat water by altering its properties to reduce or eliminate issues such as hardness, scaling, corrosion, and microbial growth. Monarch water conditioners are the choice for many businesses, specifiers, facilities managers, plumbers & installers in the UK.

A range of WRAS approved inhibitors to suit commercial projects with pipe sizes from 22-54mm.

Utilising world-leading technology, the water remains treated for up to 3 months.

Calcium Filter Units

Designed to deliver no-nonsense protection against limescale and improve water quality and taste, the CFU offers simplicity and flexibility in the most cost-effective package on the market.

All of our CFU's can take advantage of our state-of-the-art Recharge station where we minimise costs and supply a truly green and eco-friendly product within your supply chain.





Scaleout CIS

High-capacity POU/POE Scaleout CIS range for complete protection from limescale, utilising our unique ceramic bead technology. Our unique CBT ensures pH stability and corrosion control in all types of water.Models are available for flow rates from 0.4–30 cubic meters an hour.

Water Filtration

From Ultra-high capacity water filters for quality filtrations and scale prevention. Applications vary for coffee machines, vending machines, cubers, cold drink systems and water coolers



High Capacity Water softeners



Our water softeners are available in a range of sizes and configurations to suit residential, commercial, and industrial applications.

They operate by passing hard water through an advanced ion exchange resin. This highefficiency resin is made up of microscopic beads that capture and hold the calcium and magnesium ions responsible for scale and hard water deposits.

CalTac



Through modern technology and developments, Template Assisted Crystallisation (TAC) has produced an effective chemical-free scale prevention method which converts hardness minerals into harmless, inactive microscopic crystals.

Tested by an independent laboratory, CalTAC achieved a 99.6% effectiveness rating – the only technology to do so and far more effective than any other water softener alternative.

Electromag



Using the latest technology, the unit represents a breakthrough in electromagnetic water conditioning technology. A dual purpose shaft allows the magnetic flux, generated by an internal coil, to interface with the water as it passes through the conditioning chamber. This has the effect of changing the crystallisation characteristics of the hardness salts in the water. In this way the unit provides effective control of the build-up of limescale in various types of appliances and pipework.

Calmag

PART OF MONARCH WATER



Complete Product Guide



SOFTENERS
SCALE PROTECTION
CENTRAL HEATING
REVERSE OSMOSIS
WATER FILTERS
CHEMICALS





A complete solution for modern water treatment.



Water Softeners



Reverse Osmosis



Softener Salt



Scale Prevention



Central Heating Chemicals



Boiler Protection



UltraViolet Disinfection



Water Filtration

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Certificate Number 13366
ISO 9001, ISO 14001

ISO 9001:2015 & ISO 14001:2015 Certified

Certified Excellence, Trusted Water Solutions

When you choose a Monarch Water product, you are choosing a company committed to quality, environmental responsibility, and strong health and safety arrangements across our operations.

Monarch is certified* to ISO 9001:2015 and ISO 14001:2015, internationally recognised standards for quality and environmental management systems. Our certification supports consistent processes, continual improvement and responsible environmental management, giving our merchant partners added confidence in the company behind the products.

What does ISO9001 mean?

ISO 9001:2015 is the International Standard for quality management systems.

It provides a framework that helps Monarch deliver consistent products and services, improve efficiency and meet customer and regulatory expectations. ISO 9001 provides structure, clarity and a basis for continual improvement.

What does ISO14001 mean?

ISO 14001:2015 is the International Standard for environmental management systems.

By adhering to this standard, Monarch takes a structured and proactive approach to environmental management, identifying where our operations have an impact and improving how we manage it.

The standard requires us to consider the life cycle of our products, from design and manufacture through to use and end-of-life. In practice that means looking at resource use, waste management, and how we monitor environmental performance.

What does this mean for our partners?

1. A greater focus on Quality

- We strive to build a quality culture that allows us to continually review and improve our operations
- We test all products thoroughly before releasing them to the market, ensuring products are assessed against our internal quality requirements before release to the market.
- We work to defined processes to drive efficiency, reduce error and deliver a more reliable service.
- We work to ensure all our suppliers meet our expected standards.
- We actively listen to our customer feedback and incorporate it into our continuous improvements.

2. A greater focus on Environment

- We actively look for ways to improve how efficiently we move products, as part of our wider environmental management activities
- We collaborate with suppliers to improve the quality of packaging information available to support recyclability assessments and regulatory compliance.
- We offer a recycling scheme for our customers and ensure returned items are separated into different waste streams and processed via the appropriate waste disposal channels (please ask us for additional information regarding this).

3. A stronger, more responsible supply chain

Together, ISO 9001:2015 and ISO 14001:2015 give independent assurance of how Monarch manages quality and environmental impact, giving our merchant partners evidence rather than intent. These systems also provide the audited processes and data behind our environmental reporting.

*Monarch's management systems are certified by Approachable Certification Ltd, a UKAS-accredited certification body. Certification relates to our management systems and processes, not to individual product certification unless stated otherwise.

CalSoft

Metered Water Softeners



The CalSoft Mini Water Softener produces a plentiful supply of silky feeling, soft water.

Designed to fit in all household situations and suitable for all types of plumbing systems.

Less salt and water are used as the metered, automatic unit only regenerates when necessary. Easy to operate electronics require little programming – simply adjust the water hardness level if needed.

5 YEARS Parts Warranty

12 MONTHS Labour Warranty

WRAS APPROVED PRODUCT

	Calsoft Mini	Calsoft Midi	Calsoft Maxi
Number of People	1 - 8	1 - 12	1 - 16
Dims H x W x D (mm)	660 x 330 x 482	900 x 330 x 482	
Max Flow Rate with 15mm kit	50 lpm	50 lpm	50 lpm
Max Flow Rate with 22mm kit	70 lpm	70 lpm	70 lpm
Daily Capacity (@300ppm)	2,000 litres	3,000 litres	4,000 litres
Salt use per regen	2kg	2.8kg	3.5kg
Water used per regen	85 litres	115 litres	202 litres
Regeneration time	85 minutes	115 minutes	202 minutes

- Max Operating Temperature - 43°C.
- All models are tablet salt only.
- Inlet/Outlet connections - rear facing, 3/4" bspm on Mini Aqua, 3/4"/1" bspm on. other models.
- Add 18mm to depth for Maxflow Hoses, 25mm to depth if 28mm applications.

Model	15mm	22mm
Calsoft Mini	CALSOFT-MINI	CALSOFT-MINI-HFK
Calsoft Midi	CALSOFT-MIDI	CALSOFT-MIDI-HFK
Calsoft Maxi	CALSOFT-MAXI	CALSOFT-MAXI-HFK

Contact your local Rep to place an order, or ring our office at 01986 784759

Sizing a Mini Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
4	450+	1200-1333
5	400	1500
6	300	1714 – 2000
8	250	2400

Sizing a Midi Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
5	550	1636
6	450-500	1800-2000
7	400	2250
8	350	2572
10	300	3000
12	250	3600

Sizing a Maxi Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
7	550+	1865
8	500	2280
9	450	2565
10	400	2931
11	350	3420
13	300	4104
16	250	4104

The average daily water usage per person in the UK is around 142 liters, according to Water UK. This can vary depending on lifestyle and household size, but it's significantly higher than many people realize.

It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Water Softeners

CalSoft Compact

Ideal for landlords, tenants, apartment, shared housing or 1-2 person households.



WRAS APPROVED PRODUCT

	Standard	22mm version
Product Codes	CALSOFT-COMPACT	CALSOFT-COMPACT-HFK

Following its name, the CalSoft compact, metered water softener is specifically designed to fit into small spaces. Less salt and water are used as the metered, automatic unit only regenerates when necessary. Contains a high quality brine tube, which features slotted holes to ensure no salt encrustations.

- Pre-set regeneration with minimal initial setup.
- Sliding salt cover ergonomically designed for small spaces.
- Mobile unit - can be removed when moving property.
- Fits neatly into kitchen cupboard.

5 YEARS Parts Warranty

12 MONTHS Labour Warranty

Dims H x W x D (mm)	Capacity (litres) @300ppm	Fits under a sink?	Max Pressure
360 x 180 x 465	Regenerates every 1,000 Litres	Yes	5 bar

Salt used per regen	Water used per regen	Max Flow Rate @ 15mm	Max Flow Rate @ 22mm
0.4kg	30 Litres	50 lpm	70 lpm

Sizing a Calsoft Compact Softener

Number of People	Water Hardness (ppm)	Daily Capacity (Litres)
2	500 - 550	2250
3	350 - 450	2572
4	300	3000
5	250	3600

The average daily water usage per person in the UK is around 142 liters, according to Water UK. This can vary depending on lifestyle and household size, but it's significantly higher than many people realize.

It is generally advised to size a water softener by number of people in the home, as sizing a softener is about the daily water usage more than the amount of bathrooms the water flows to.

Scale Inhibitors

Protect heating systems from limescale whilst meeting Part L requirements.

Some of the most densely populated areas of the UK, such as London and Newcastle are within hard water regions. In fact, according to British Water, the majority of England is subjected to water hardness levels that exceed 200 parts per million (ppm).

Part L of the UK Building Regulations requires that where mains water hardness exceeds 200 ppm (parts per million), the feed water to hot water circuits and combination boilers must be treated to reduce limescale accumulation and maintain energy efficiency.

Hard water, when reaching 50°C, can cause limescale to build up inside boilers, water heaters, heat exchangers and other hot-water components. Over time, this scale can reduce heat transfer, increase energy consumption and affect the performance and lifespan of equipment.

In such cases a Water Regulations Advisory Scheme (WRAS) approved scale reducer must be installed as part of a strategy to help extend the lifecycle of the boiler and to reduce the adverse effects of hard water on a central heating system's efficiency.

Calmag has been developing water treatment solutions for the heating and plumbing industries for decades, with a long-standing reputation for quality and reliability. Using an Calmag scale inhibitor as part of a correctly designed installation can help installers address requirements while providing additional protection for the equipment.

When it comes to scale protection,Calmag can help.

Calmag +

Catalytic Core Scale Inhibitor



MADE IN BRITAIN

WRAS APPROVED PRODUCT

10 YEARS Parts Warranty

Calmag LF is a compact scale s a fit-and-forget solution to limescale issues, altering the properties of water to reduce hardness, scaling, and corrosion. No maintenance is needed at all. It helps reduce limescale buildup, extend appliance life, and improve everyday water performance—without ongoing maintenance.

- Leading 10 year parts warranty* for complete peace of mind.
- World leading technology since 1973 – utilising a unique catalytic core within a quality stainless steel body.
- Removes existing scale and prevents new scale from forming.
- Water remains treated for up to 6 weeks (most only lasts 12hrs if not less).
- Self cleaning action keeps the media core working at optimum efficiency.
- Installation is straightforward and can be connected to any type of pipe – copper, pvc, galvanized, etc.
- Reduces energy bills and prolongs equipment life.
- No maintenance - fit and forget, and no earth bonding is required.

Model	Length	Optimum flow range	Connection Type	Suitable for pipe diameter
CM+LF	190mm	3-25 lpm	1/2" BSPT	1/2" (DN15) 3/4" (DN20)
CM+HF	190mm	24-54 lpm	3/4" BSPT	3/4" (DN20) 1" (DN25)

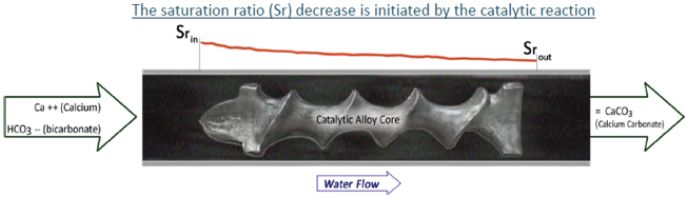
Contact your local Rep to place an order, or ring our office at 01986 784759

How does it work?

When dissolved calcium carbonate in hard water is exposed to a change in pressure (or temperature), it precipitates to its solid carbonate states - calcium carbonate ($CaCO^3$) calcite.

These calcium carbonate crystals are in 'calcite' form and adhere to one another & to surfaces due to their composition and shape - forming limescale deposits on nearby surfaces.

The Monarch SI conditioner, via the spiral alloy core, creates turbulence to trigger the precipitation process, this combined with the surface chemistry of the alloy creates a catalytic reaction which changes the physical characteristics of the calcium carbonate ($CaCO^3$). The reaction causes carbonic acid to precipitate.



The reduction of this acidic component increases the pH of the solution.

This pH triggers calcium to come out of the solution to combine with available bicarbonate to form calcium carbonate ($CaCO^3$) in its aragonite state. The pH increase is only temporary and there's no noticeable difference in pH readings before or after the unit.



The calcium carbonate is still present in the water (remember: nothing is removed or added to the water), but now in a more stable / permanent form - an 'aragonite' $CaCO^3$ crystal.

Due to the smoother crystal form $CaCO^3$ in 'aragonite' form flows through the system without depositing as scale or adhering to surfaces.

How long does the water stay treated for?

Results published by Dublin University show, that stored water following catalytic treatment using this unique conditioning technology, the colloidal calcium carbonate crystal remained in its treated form for the entire test period of 6 weeks - compared to standalone magnetically treated water which can revert back after 24-48 hours.

Cal Combi

Combination Scale Inhibitor



The CalCombi is a dual-action water conditioner, offering a combination of magnetic and electrolytic inhibitors that prevents limescale and corrosion.

WRAS APPROVED PRODUCT

The CalCombi uses both magnets and zinc to stop calcium and magnesium from forming hard crusts in your pipes. It installs easily on 15mm or 22mm water lines, and needs no power or maintenance

What does CalCombi do?

In simple terms, water normally contains both positive and negative ions.
These ions attract to form limescale. CalCombi induces single polarity, making all ions negative and therefore repelling, preventing the build up of limescale.

Features and Benefits

- Speedfit fittings for rapid installation.
- Whole house protection.
- Durable nickel plating.
- One model suits all applications.
- No maintenance required.

5 YEARS Parts Warranty

	Standard	Mini version
Product Codes	SI-CALCOMBI	SI-CALCOMBI-MINI

Contact your local Rep to place an order, or ring our office at 01986 784759

How does CalCombi work?

1. Magnetic bar, which induces a single polarity into the water where the calcium and magnesium particles in the water also take on this same polarity, therefore as like poles repel, prevents these particles crystallising together to form a hard limescale.

2. Zinc plates, which create the same reaction as the magnetic bar when water passes over the zinc plates and inner copper body of the CalCombi unit, also preventing formation of hard limescale using electrolytic technology.

3. Zinc plates also gradually disperse particles of zinc into the water supply, which prevents corrosion by combating all the air and oxygen particles in the water system.



Product is best installed either 1 metre from the appliance it is protecting on the cold feed or alternatively, on the cold water incoming water supply after the stop cock.

	Calcombi Mini	Calcombi
Length	107mm	168mm
Length with fittings	179mm	240mm
Connections	22mm push fit, 15mm push fit adapters	
Material	Nickel Plated Copper	
Max Temp	30°C	
Max Flow Rate	64.8 lpm	
Diameter	33mm	

CalGlow

Combination Scale Inhibitor



Dual technologies are combined in the CalGlow magnetic and electrolytic scale inhibitor, for preventing the build-up of limescale.

Suitable for installation on cold water lines.

Available as a 15mm model or 22mm model.

No earth bonding needed.

How does CalGlow work?

Dual Combination scale inhibitors uses a magnetic field to alter the physical properties of the minerals in hard water, such as calcium and magnesium.

When water flows through the magnetic field, the structure of these minerals changes, making them less likely to bind together and form scale on pipes, heating elements, and appliances.

The inhibitor also introduces a small amount of zinc ions into the water. This process alters the chemical composition of the water, making the minerals less likely to form scale.

	15mm version	22mm version
Product Codes	SI-GLOW-15	SI-CALGLOW

Contact your local Rep to place an order, or ring our office at 01986 784759

Features and Benefits

- Lifetime guarantee.
- No maintenance.
- No chemicals.
- Dual technology – magnetic and electrolytic.
- Whole house protection.
- Suitable for use on cold water lines.

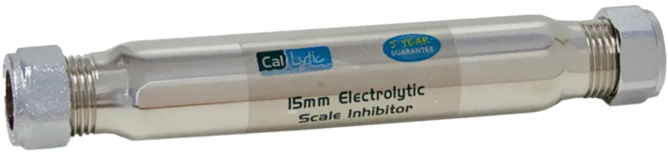
5 YEARS Parts Warranty

WRAS APPROVED PRODUCT

	SI-GLOW-15	SI-CALGLOW
Length	170mm	170mm
Fittings	15mm compression (STD)	22mm compression (STD)
Max Working Pressure	12 bar (168 psi)	
Material	Nickel Plated Copper	
Max Temp	80°C	
Max Flow Rate	64.8 lpm	
Diameter	26mm	35mm

CalLytic

ElectrolyticScale Inhibitor



These electrolytic units are suitable for installation on cold water lines for preventing the formation of limescale. No earth bonding is required.

Any scale that has formed around taps, sinks, showers, etc, will begin softening with regular contact with treated water. This soft scale is easier to remove than normal hard scale.

Surfaces frequently in contact with treated water are easier to clean; shower heads are also descaled. After several months of descaling, hot water system efficiency will gradually increase.

How does CalLytic work?

Electrolytic scale inhibitors introduce a small amount of zinc ions into the water. This process alters the chemical composition of the water, making the minerals less likely to form scale.

Electrolytic inhibitors are known for their reliability and tend to be more consistent in performance compared to magnetic versions. While they require a bit more investment upfront, they're often considered a more effective long-term solution for limescale prevention.

	15mm version	22mm version
Product Codes	SI-CALLYTIC-15	SI-CALLYTIC-22

Contact your local Rep to place an order, or ring our office at 01986 784759

Features and Benefits

- 5 year warranty.
- WRAS approved.
- No maintenance.
- No chemicals.
- Fits 22mm and 15mm pipework.
- One model suits all applications.
- Whole house protection.
- Durable nickel plating.

WRAS APPROVED PRODUCT

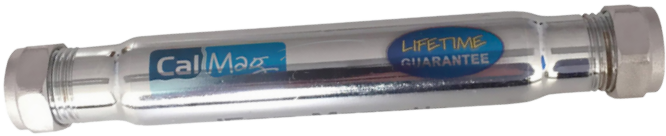
5 YEARS Parts Warranty

	15mm version	22mm version
Length mm	166mm	172mm
Fittings	15mm compression (STD)	22mm compression (STD)
Material	Nickel Plated Copper	
Max Temp	80°C	
Max Flow Rate	64.8 lpm	
Max Flow Rate	1.08 l/s	
Diameter	26mm	35mm

CalMAG

WRAS APPROVED PRODUCT

Magnetic Scale Inhibitor



This magnetic scale inhibitor is suitable for installation on cold water lines for preventing the formation of limescale.

The unit comes complete with 2 x compression fittings.

Any scale that has formed around taps, sinks, showers, etc, will begin softening with regular contact with treated water. This soft scale is easier to remove than normal hard scale.

Surfaces frequently in contact with treated water are easier to clean - shower heads are also descaled. After several months of descaling, hot water system efficiency will gradually increase.

How does CalMAG work?

Magnetic scale inhibitors use a magnetic field to alter the physical properties of the minerals in hard water, such as calcium and magnesium. When water flows through the magnetic field, the structure of these minerals changes, making them less likely to bind together and form scale on pipes, heating elements, and appliances.

Magnetic inhibitors are simple to install and require no power source, making them a low maintenance option. However, their effectiveness can vary depending on the strength of the magnetic field and the level of water hardness in your area.

	15mm version	22mm version
Product Codes	SI-CALMAG	SI-CALMAG-22

Contact your local Rep to place an order, or ring our office at 01986 784759

Features and Benefits

- 5 year warranty.
- WRAS approved.
- No maintenance.
- No chemicals.
- Water is treated for up to 18 hours.
- One model suits all applications.
- Whole house protection.
- Durable nickel plating.

WRAS APPROVED PRODUCT

5 YEARS Parts Warranty

	CalMAG(15mm)	CalMAG(22mm)
Length	166mm	172mm
Fittings	15mm compression (STD)	22mm compression (STD)
Material	Nickel Plated Copper	
Max Temp	80°C	
Max Flow Rate	64.8 lpm	
Diameter	25mm	35mm

CalTronic

Electronic Scale Inhibitor

5 YEARS Parts Warranty



The Caltronic Electronic Scale Inhibitor protects home appliances like boilers, showers, washing machines and more against limescale formation.

CalTronic creates variable frequency waves to create an electrical pulse in water. A single polarity is induced, resulting in the prevention of hard scale formation and a reduction in existing scale build-up.

The non-intrusive CalTronic electronic scale inhibitor is easy and quick to install – simply wrap the aerial wires around pipework and plug into a standard household socket.

This product includes plugs and screws and uses variable low radio frequency waves. The Caltronic Electronic Scale Inhibitor is easy to use. Just wrap the aerial wires around the pipework and plug the device into a standard socket.

How does it work?

1. Plugged into the main electrical 230 volt supply, the CalTronic draws power to the main control unit where it is passed through a 12 volt transformer and out to the aerial wires, wound around the pipework.

2. These aerial wires transmit variable radio frequency waves between them creating an electrical pulse in the water.

3. The variable pulse flows through the water and induces a single polarity. The calcium and magnesium particles in the water take on the same polarity and repel each other, which prevents these particles from crystalising and forming hard limescale.

Contact your local Rep to place an order, or ring our office at 01986 784759

Features and Benefits

- Non-intrusive.
- Works on copper, plastic, and lead materials.
- No chemicals.
- Whole house protection.
- No maintenance.
- No plumbing.
- Durable nickel plating.
- Works with 15-42mm pipework.

What will the CalTronic electronic water conditioner do?

a. Prevent any further build up of hard scale.

b. Remove any scale already in your hot water system.

c. Soften scale usually found around taps and in sinks and toilets.

It will not:

a. Give you softened water. This can only be achieved using an ion exchange water softener (i.e. Calmag CalSoft).

What's in the Box?

- CalTronic Control Unit with 1140mm power cable.
- 2 x two metre lengths of single cable fixed (antennae aerials).
- 4 Screws (to mount the unit to a suitable fixture).
- 4 Cable ties (to secure signal cable when coiled).

Product Codes	SI-CALTRONIC

Dimensions mm (H x W x D)	Weight	Max Temperature	Maximum Flow Rate
109 x 109 x 46	717g	65°C	180 lpm

CalPhos

Polyphosphate Scale Inhibitor



This essential polyphosphate scale inhibitor actively prevents limescale build-up, a common problem in UK hard water areas. By reducing the accumulation of mineral deposits, you maintain optimal boiler and water heater efficiency.

This unit is ideal for protecting individual appliances or your entire domestic hot water supply. Its compact design ensures straightforward installation by trade professionals or competent DIYers. Enjoy consistent performance and significantly extend the lifespan of your plumbing and heating infrastructure. Invest in reliable scale protection today and secure your home's water quality.

The CalPhos proportionally dosing venturi system is easy to fit and quick to fill up. This robust polyphosphate scale and corrosion inhibitor are powerful and effective in preventing hard encrustations from forming on pipes, boilers, showerheads, taps, washing machines, dishwashers and other mains connected water using appliances - even when water is extremely hard.

How It Works

Water passes through calibrated nozzles in the venturi system, creating a suction of polyphosphates and water solution from the bowl. A proportional dose is then delivered into the water system.

The unit's internal bellows constantly draw in polyphosphate saturated solution, preventing calcium from crystallising and forming hard encrustations. Maintenance is simple with a removable bowl that is easily washed in hot water.

Contact your local Rep to place an order, or ring our office at 01986 784759

Features and Benefits

- Proportionally dosing venturi system .
- Low running costs.
- Long cartridge life .
- Built-in bypass.
- Vertical or horizontal installation.
- See-through glass - no waste.
- Safe for drinking water and other foodstuffs.
- WRAS Approved.

Dimensions mm (H x W x D)	Max Operating Temperature	Max Operating Pressure
150 x 60x 110	40°C	7 bar

Connections	Diameter	Flow Rate
15mm	60mm	30L /min



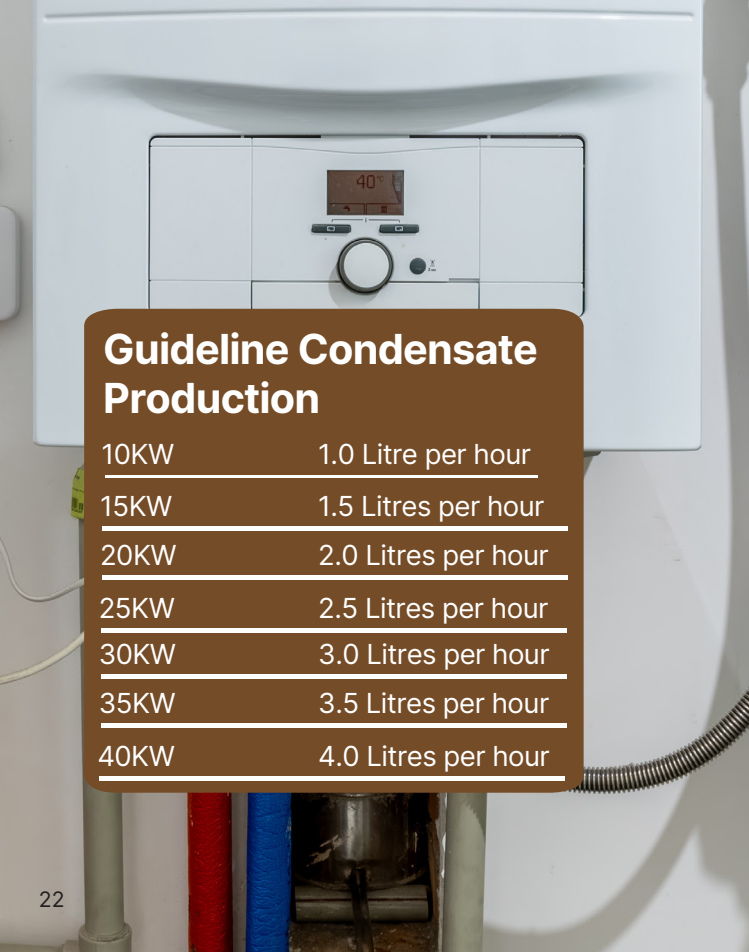
The replaceable 100% food grade polyphosphate cartridges are completely safe for use with drinking water and other foodstuffs. CalPhos cartridges are long-lasting - based on national average of 120 litres per person per day:
1 x CalPhos R would use 0.6g per person per day
ie, 1 person - cartridge would last 160 days
4 persons - cartridge would last 40 days

Product Codes	SI-CALPHOS
Replacement Code	SI-CALPHOS-R

Condensate Neutralisers

A typical domestic condensing boiler produces between 2-3 litres of condensate per hour when operating at full load. Over a heating season, this amounts to several hundred litres of liquid requiring safe disposal through appropriate drainage systems.

UK Building Regulations (Part L and Part G) require proper condensate disposal from all condensing boilers to protect both building infrastructure and the wider environment.



Guideline Condensate Production

10KW	1.0 Litre per hour
15KW	1.5 Litres per hour
20KW	2.0 Litres per hour
25KW	2.5 Litres per hour
30KW	3.0 Litres per hour
35KW	3.5 Litres per hour
40KW	4.0 Litres per hour

What is Acidic Condensate?

High-efficiency condensing water heaters, boilers or furnaces are powered by burning natural gas or propane. Condensing technology saves energy by maximizing the amount of heat energy transferred to the water during the combustion process. A by-product of this process is wastewater, or condensate.

Condensate has the potential to cause property damage or even create health hazards that can affect indoor air quality. Many times, condensate is not able to drain adequately via gravity, usually because the application lacks conventional, below-floor drainage. This problem may, in turn, cause property damage or even create health hazards by adversely affecting indoor air quality.

Neutralisers contain alkaline media that raises the pH of acidic condensate before discharge to acceptable levels. The most common media includes limestone (calcium carbonate) or marble chips, which react with the acid to form calcium salts, water, and carbon dioxide. As condensate flows through the neutraliser, the chemical reaction gradually consumes the alkaline media.

The effects of acidic water

- ✕ Degrades copper- pin holes in pipes, cylinders etc.
- ✕ Damages stone, metals, paint
- ✕ If drawn into the water systems, it can kill of small organisms that aquatic life depend on
- ✕ Damages plants dependent on the soil

Please note that in most installations, the removal of condensate can be achieved through gravity, although in certain circumstances the use of a boiler condensate pump may be necessary. This will still require the condensate to be neutralised and therefore the CalDensate or CalSoakaway should be used alongside the condensate pump. If a pump is fitted, the CalDensate should be installed before the pump, whereas the CalSoakaway will be installed after the pump outside the property.

CalDensate

Acidic Neutraliser



CalDensate is designed to treat the acidic waste produced by all condensing boilers. The tough, non-corrosive, in-line unit is quick and easy to fit. There is no need to dig a condensate trap. CalDensate is versatile - it can be fitted with all makes of condensing boiler - even those that are situated above the ground floor level.

The acidic waste from condensing boilers (condensate) damages the environment. Dealing responsibly with condensate is easy with CalDensate.

Why is Caldensate needed?

A condensing boiler is a high efficiency modern boiler, incorporating an extra heat exchanger, so that hot exhaust gases lose much of their energy to pre- heat the water in the boiler system.

When working at peak efficiency, the water vapour produced in the combustion process condenses back into liquid form, releasing the latent heat of vaporisation.

The water, known as condensate, is produced as a side-effect and is usually acidic, containing dissolved oxides of sulphur and nitrogen, and has to be piped away to drain

There are a number of problems which occur when acidic water enters the water system, and simply installing the CalDensate will ensure that the pH is neutralised by means of the specially formulated media which is included in the product.

Note:

The condensate is usually discharged periodically in “slugs” by siphonic action.

Contact your local Rep to place an order, or ring our office at 01986 784759

Features and Benefits

- Robust in-line unit.
- Complete with push-fit fittings for use with acidic water.
- Acid compatible - will not corrode.
- Unique cartridge refill.
- Suitable for installation with all combination boilers.
- No need to dig condensate traps.
- Perfect for boiler installations above ground level.
- Reusable unit and replaceable refill - less acidic and less. landfill waste
- 22mm nominal overflow size - suitable for use with all types of condensate discharge overflow pipes.

Dimensions H x W x D (mm)	Max Operating Temperature	Max Working Pressure
220 x 60 x 60	80°C	3 bar

Diameter	Max Flow Rate
55mm	1.08 l/sec (14gpm)



The replaceable cartridge needs to be replaced every 12 months.

Product Codes	AN-CALDENSATE
Replacement Code	AN-DENSATE - R

CalSoakaway

Acidic Neutraliser



10 YEARS Parts Warranty

The CalSoakaway safely neutralises harmful discharge, protecting your home's drainage system from corrosion. It has been manufactured using materials that will not degrade when in contact with acidic waste.

This essential unit, Ideal for properties without suitable internal drainage, it provides a reliable external installation solution. Designed for all condensing boilers, this Soakaway unit ensures full compliance and peace of mind.

The durable housing has the recommended number of outlets for the acidic waste to disperse from the calcium carbonate whilst the universal cap provides installations to cope with 22mm, 35mm and 42mm condensate pipe. This ensures that the product is easy to install, saving time and money, whilst providing the confidence to installers that they are meeting the current regulations.

The use of an externally run condensate drainage pipe, terminating at a purpose-designed soakaway may be considered to be the optimum discharge solution. Conforms to BS6798: 2014.

Note:

Soakaways that have side adaptors DO NOT conform to the current British Standards guidelines of BS6798:2014

Please note that in most installations the removal of condensate can be achieved through gravity although in certain circumstances the use of a boiler condensate pump may be necessary. This will still require the condensate to be neutralised and therefore the CalDensate or CalSoakaway should be used alongside the condensate pump. If a pump is fitted the CalDensate should be installed before the pump, whereas the CalSoakaway will be installed after the pump outside the property.

The Calmag soakaway should be used in conjunction with 10mm limestone chippings

Features and Benefits

- Total acid protection.
- 10 year warranty.
- No replacement needed .
- Lasts the lifetime of the boiler.*
- Simple to install.
- Easy discharge.
- Compatible with 22mm, 35mm and 42mm condensate pipe.
- Chemical-free operation reduces corrosive condensate impact.
- Designed for condensate neutralisation to protect drainage.
- Applicable to soakaway installations for scale control.
- Compact Calmag format simplifies site integration.
- Supports eco-friendly boiler scale reducer strategies.
- Conforms to BS6798: 2014.

Diameter	Dimensions mm (H x W x D)	Weight
Funnelled 100mm base 116mm top	305 X 116 X 116	375g

Fluid Capacity	Maximum Op Temperature
2.5L	80°C

Product Codes	AN-CALSOAKAWAY

*Based on a replacement boiler scheme

Central Heating Filters

The ultimate in magnetic filtration, our Central Heating Filters are designed to enhance the efficiency and longevity of your heating system by actively filtering both magnetic and non-ferrous debris. With multiple installation features, our filters can be conveniently positioned to suit your system's needs.

Investing in a central heating filter not only protects your heating system from harmful particles, but can also lead to reduced energy bills and a more comfortable home environment.

Why fit a Central Heating Filter?

Radiator panels are usually made of mild steel, which is highly reactive to corrosion. Even with a quality corrosion inhibitor installed, low levels of corrosion can occur. In the absence of air this is usually black magnetite, which is magnetic in nature and which can therefore be captured with a magnet. Although magnetite is seven times heavier than water and quite happy to sit in the bottom of the radiator from whence it came, some particles are dispersed around the system by the flow. If a magnetic filter does not collect these particles, they will surely end up trapped in the next device with electro-magnetic properties; the circulator pump where they will cause premature wear. The magnetic filter can also double as a sampling point to analyse the system water, or become the treatment point for liquid chemical additives.

Features & Benefits

- Activiely filters magnetic and non-ferrous debris.
- Used on all central heating systems.
- Withstands high temperatures - up to 120°C.
- Conforms to Part L Building Regulations.
- Improves heating efficiency.
- Improves life of boiler.
- Removes magnetite.
- High strength magnet.
- No ongoing running costs.



Heating Packs available

Ensure you're fully equipped for each boiler installation with our heating packs - with various inhibitors, cleansers and accessories available, whatever your system needs, our heating packs can set you up for success.

For systems of 10+ radiators

HF1

Product Code

CHEM-HTG-FILTER-HF1



22mm Central Heating Filter
For installs needing flexibility

Magnet Strength	Dimensions mm (H x W x D)	Weight
9000 gauss	226 X 86 X 148	780g

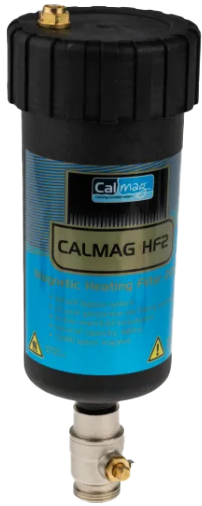
Fluid Capacity	Max Op' Pressure	Connections
500ml	6 bar	22mm

- 360° installation.
- Supplied with a full set of spare sealing O rings, spanner and drain valve.
- Full bore isolating ball valves on inlet and outlet connections.
- Effortless servicing and fittings.
- Withstands high temperatures - up to 120°C.
- Air bleed valve included for mess-free priming and allows the unit to be fully emptied.
- Can be installed as a permanent product within the central heating system and can also be used in conjunction with the Calmag Power Flushing unit.

HF2

Product Code

CHEM-HTG-FILTER-HF2



22mm Central Heating Filter
With Offset Installation

Magnet Strength	Dimensions mm (H x W x D)	Weight
9000 gauss	230 X 115 X 97	735g

Fluid Capacity	Max Op' Pressure	Connections
600ml	6 bar	22mm

- Supplied with a full set of spare sealing O rings, spanner and drain valve.
- 90" ball valve included
- Effortless servicing and fittings.
- 600ml dosing capacity.
- Bottom-mounted air bleed for mess-free priming and allows the unit to be fully emptied.
- In line filter for fast fitting into vertical pipe installs.

For systems of 10+ radiators

Mini Filter

Compact Central Heating Filter



Your ideal, compact solution for installing in confined spaces. This product is designed to filter out undesirable particles and build-up in your boiler to keep it running as efficiently as possible for years to come.

This filter is constructed from long-lasting and dependable material designed to withstand tough conditions and demanding environments to keep your boiler purring like new.

The Calmag Compact Heating Filter is the perfect solution for ensuring optimal performance from all your boiler systems.

Product Code

CHEM-HTG-FILTER-MINI

- 800 micron mesh to collect non-magnetic particles.
- 9000 Guass magnet to collect magnetite efficiently.
- Withstands high temperatures - up to 120°C.
- Magnet carries a 25 year guarantee.

Magnet Strength	Dimensions mm (H x W x D)	Weight
7000 gauss	65 X 145 X 120	410g

Heating Pack **Mini**

Mini Filter Boiler Bundle

What's in the Box?

- 1 x Mini Heating Filter
- 1 x 15mm Water Conditioner
- 1 x Cleanser
- 1 x BuildCert Inhibitor

Product Code

CHEM-HTG-PACK-MINI



Contact your local Rep to place an order, or ring our office at 01986 784759

Heating Packs

Everything an installer needs to help clean,maintain and protect central heatin systems.

A heating system is only as good as the water flowing through it. Sludge, corrosion, scale and installation debris can all affect system efficiency, increase the risk of component failure and reduce the working life of heating system components.

Calmag Heating Chemical Packs provide installers with a convenient way to clean and protect heating systems, bringing the essential treatment products together in one simple solution.

Whether you're installing a new boiler, replacing an existing system or carrying out routine maintenance, Calmag gives you the products you need to help keep heating systems cleaner, more efficient and better protected.

A simpler approach to system protection.

Great for:

- ✓ New boiler installations
- ✓ Boiler replacements
- ✓ Heating-system servicing
- ✓ Radiator / system upgrades

Good water treatment shouldn't be an afterthought.



Find the best fit for your system:



500ml Build Cert Inhibitor + 500ml Cleanser

CHEM-HTG-PACK-A for Filter for Flexible Installs

CHEM-HTG-PACK-A2 for Inline Filter

A



500ml Build Cert Inhibitor + Cleanser

+Filling Loop

CHEM-HTG-PACK-B for Filter for Flexible Installs

CHEM-HTG-PACK-B2 for Inline Filter

B



500ml Build Cert Inhibitor + Cleanser

+ Filling Loop + Scale Inhibitor

CHEM-HTG-PACK-C for Filter for Flexible Installs
CHEM-HTG-PACK-C28 for 28mm connections
CHEM-HTG-PACK-C2 for Inline Filter

C



500ml Build Cert Inhibitor + Cleanser

+ Scale Inhibitor

CHEM-HTG-PACK-D for Filter for Flexible Installs

CHEM-HTG-PACK-D2 for Inline Filter

D



For Hard Water

E

Meets Part L Regulations

CHEM-HTG-E-PACK

500ml Build Cert Inhibitor + 500ml Cleanser
+ Scale Inhibitor, +Caldensate + 2nd Year Refill



For Soft Water

ES

CHEM-HTG-ES-PACK

500ml Build Cert Inhibitor + 500ml Cleanser
+ Filling Loop, +Caldensate, + 2nd Year Refill

Heating Pack A

HF1 Filter Boiler Bundle



What's in the Box?

- HF1 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.

Product Code

CHEM-HTG-PACK-A

The base standard heating pack for ensuring optimum performance in your boiler system.

Heating Pack A2

Inline Filter Boiler Bundle



What's in the Box?

- HF2 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.

Product Code

CHEM-HTG-PACK-A2

The base standard heating pack for ensuring optimum performance in your boiler system.

All Heating Packs include:

HF1/HF2 Central Heating Filter
Choose from our HF1 Filter (Pack A,B,C,D) our HF2 Filter (Pack A2, B2, C2, D2) to protect your boiler and heating system.

NSF/Build Cert Inhibitor
Designed to inhibit corrosion, scale, hydrogen gassing, microbiological growth and boiler noise.

NSF/Build Cert Cleanser
Cleans and neutralises sludge, flux, scale, silt, light rust, debris, oils and grease from any systems.

Heating Pack **B**

HF1 Filter Boiler Bundle



What's in the Box?

- HF1 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser
- WRAS approved filling loop.

Product Code

CHEM-HTG-PACK-B

Everything in Heating Pack A, plus:

Filling Loop
Provides a temporary connection between the boiler and the mains water supply, allowing you to re-pressurise your boiler and fill your heating system with water.

Heating Pack **B2**

Inline Filter Boiler Bundle



What's in the Box?

- HF2 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.
- WRAS approved filling loop.

Product Code

CHEM-HTG-PACK-B2

Everything in Heating Pack A, plus:

Filling Loop
Provides a temporary connection between the boiler and the mains water supply, allowing you to re-pressurise your boiler and fill your heating system with water.

All Heating Packs include:

HF1/HF2 Central Heating Filter
Choose from our HF1 Filter (Pack A,B,C,D) our HF2 Filter (Pack A2, B2, C2, D2) to protect your boiler and heating system.

NSF/Build Cert Inhibitor
Designed to inhibit corrosion, scale, hydrogen gassing, microbiological growth and boiler noise.

NSF/Build Cert Cleanser
Cleans and neutralises sludge, flux, scale, silt, light rust, debris, oils and grease from any systems.

Contact your local Rep to place an order, or ring our office at 01986 784759

Heating Pack C

Boiler Bundle

What's in the Box?

- HF1 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.
- WRAS approved filling loop.
- 15mm electrolytic WRAS approved scale inhibitor.



Everything in Heating Pack A, plus:

Electrolytic Scale Inhibitor
Electrolytic inhibitors are known for their reliability in preventing the formation of limescale. Suitable for installation on cold water lines.

Filling Loop
Provides a temporary connection between the boiler and the mains water supply, allowing you to re-pressurise your boiler and fill your heating system with water.

Product Code

CHEM-HTG-PACK-C

Heating Pack C2

Boiler Bundle

What's in the Box?

- HF2 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.
- WRAS approved filling loop.
- 15mm electrolytic WRAS approved scale inhibitor.



Product Code

CHEM-HTG-PACK-C2

Everything in Heating Pack A, plus:

Electrolytic Scale Inhibitor
Electrolytic inhibitors are known for their reliability in preventing the formation of limescale. Suitable for installation on cold water lines.

Filling Loop
Provides a temporary connection between the boiler and the mains water supply, allowing you to re-pressurise your boiler and fill your heating system with water.

All Heating Packs include:

HF1/HF2 Central Heating Filter
Choose from our HF1 Filter (Pack A,B,C,D) our HF2 Filter (Pack A2, B2, C2, D2) to protect your boiler and heating system.

NSF/Build Cert Inhibitor
Designed to inhibit corrosion, scale, hydrogen gassing, microbiological growth and boiler noise.

NSF/Build Cert Cleanser
Cleans and neutralises sludge, flux, scale, silt, light rust, debris, oils and grease from any systems.

Heating Pack C28

HF1 Filter for 28mm Connections Boiler Bundle

What's in the Box?

- HF1 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.
- 28mm ball valve.



Product Code

CHEM-HTG-PACK-C28

Heating Pack D

inline Filter Boiler Bundle

What's in the Box?

- HF1 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.
- 15mm electrolytic WRAS approved scale inhibitor.



Product Code

CHEM-HTG-PACK-D

Everything in Heating Pack A, plus:

Electrolytic Scale Inhibitor
Electrolytic inhibitors are known for their reliability in preventing the formation of limescale. Suitable for installation on cold water lines.

Heating Pack D2

HF1 Filter Boiler Bundle

What's in the Box?

- HF2 Central Heating Filter.
- 500ml concentrate BuildCert inhibitor.
- 500ml concentrate cleanser.
- 15mm electrolytic WRAS approved scale inhibitor.



Product Code

CHEM-HTG-PACK-D2

Everything in Heating Pack A, plus:

Electrolytic Scale Inhibitor
Electrolytic inhibitors are known for their reliability in preventing the formation of limescale. Suitable for installation on cold water lines.

Heating Pack E

For Hard water

Meets Part L Regulations



CHEM-HTG-E-PACK

What's in the Box?

- 500ml NSF/BuildCert inhibitor.
- 500ml cleanser.
- 15mm electrolytic scale inhibitor.
- Acidic waste Neutraliser.
- 2nd Year Refill for Caldensate.
- WRAS Approved PTFE Tape.

What do they do?

NSF/Build Cert Inhibitor
Designed to inhibit corrosion, scale, hydrogen gassing, microbiological growth and boiler noise.

NSF/Build Cert Cleanser
Cleans and neutralises sludge, flux, scale, silt, light rust, debris, oils and grease from new and old systems.

Electrolytic Scale Inhibitor
Electrolytic inhibitors are known for their reliability in preventing the formation of limescale. Suitable for installation on cold water lines.

CalDensate
CalDensate is designed to treat the acidic waste produced by all condensing boilers.

Heating Pack ES

For Soft Water



CHEM-HTG-ES-PACK

What's in the Box?

- 500ml NSF/Build Cert Inhibitor .
- 500ml NSF/Build Cert Cleanser.
- Filling Loop for Boiler.
- 2nd Year Refill for Caldensate.
- WRAS Approved PTFE Tape.

What do they do?

NSF/Build Cert Inhibitor
Designed to inhibit corrosion, scale, hydrogen gassing, microbiological growth and boiler noise.

NSF/Build Cert Cleanser
Cleans and neutralises sludge, flux, scale, silt, light rust, debris, oils and grease from new and old systems.

Filling Loop
Provides a temporary connection between the boiler and the mains water supply to allow re-pressurisation of the boiler and refilling of the heating system.

CalDensate
CalDensate is designed to treat the acidic waste produced by all condensing boilers.

CalChem

3-in-1 chemical inhibitor



The only all-in-one solution on the market!

The Calmag CalChem 3-in-1 chemical inhibitor is a powerful all-in-one solution designed to clean, restore, and protect central heating systems.

CalChem works immediately on contact with contaminants inside your system, targeting sludge and debris, limescale deposits, flux residues, bacteria and algae. Its advanced formula helps restore heating efficiency while protecting against future damage.
Unlike standard inhibitors, CalChem combines cleaning, corrosion protection, and antifreeze properties in a single treatment, making it ideal for systems that have not been powerflushed or previously treated.

When to use it :

This product is ideal when a system has not been power flushed, no inhibitor has previously been used, or you are experiencing, cold spots on radiators, boiler noise or poor heating efficiency. It's a fast alternative to full system cleaning.

How to use :

Add via radiator, filling loop (ZA-CHEM-FILLING-LOOP), or header tank. Leave it circulating in the system. 1 litre treats approx. 10–15 radiators. Typically use every 1–2 years for ongoing protection.

- All-in-one solution (cleaner + inhibitor + antifreeze)
- Restores system efficiency.
- Reduces boiler noise and radiator issues.
- Prevents corrosion and limescale buildup.
- Lubricates valves and pumps.
- Suppresses bacteria and gas formation.
- It is easy to use – just add to the system and leave it in.
- Suitable for all system types (including aluminium and copper).

Product Code	Volume	Box Quantity
CHEM-CALCHEM	1000ml	16
CHEM-CALCHEM-25LITRE	25000ml	1

Contact your local Rep to place an order, or ring our office at 01986 784759

CalRad

Electric Towel Radiator Protection



CalRad has been specifically developed for water-filled electric towel radiators. This effective inhibitor offers long term protection and is suitable for indirect heating systems and new or retro-installed radiators. CalMag's patented Uni-dose adaptors allow for quick and easy application through the bleed screw or direct through the radiator.

- For use with water filled electric towel radiators.
- Prevents hydrogen gassing.
- Non-toxic, and Biodegradable.
- Suitable for all metals.
- Protects against corrosion and limescale.
- Long term life.
- Quick and easy using the patented Uni Dose applicators.
- Protects towel radiators up to 12 litres dosed at 1%.
- Retro application.
- 125ml bottle.

Product Code
CHEM-CALRAD

CalCleanser

CalCleanser pre-commissioning treatment is specially formulated for use with new and existing central heating systems.

CalCleanser makes removing and neutralising sludge, flux and installation debris, quicker and easier. Scale, silt, light rust, debris, oils, grease, flocculating magnetite sludges and particulate residues are also effectively removed.

Suitable for use with all components, including aluminium and other metals, CalCleanser requires no neutralisation. Cleans and neutralises sludge, flux, scale, silt, light rust, debris, oils and grease from new and old systems, as well as flocculating magnetite sludge and particulate residues, to facilitate their easy removal.



Product Code	Volume	Box Quantity
CHEM-CC300-500	500ml	30
CHEM-CLEANSER-1L	1000ml	12
CHEM-CALCLEANSER-25LITRE	25000ml	1

CM100

BuildCert/NSF Inhibitor for 100L systems



Multi-benefit protection against the build-up of sludge, debris and limescale, whilst being safe for use with most metals in central heating systems. Can be used in conjunction with the CalCleanser or CalSealer. It should be added and left permanently in the system..

- Available 1 litre or 500ml bottles
- Both treats 10-15 radiators/ a 100L system (equivalent of a standard 4 bed house) - 500ml bottle is double concentrate.
- Overdosing does not present a problem.
- Exceptionally effective.

How to use:

Flush the system prior to introducing CM100 and dose the system at 1%-3% -this means 1%/3% inhibitor, 99% water).

Product Code	Volume	Box Quantity
CHEM-CAL-BC-INH-500	500ml	12
CHEM-CAL-BC-INH-1000	1000ml	12

CalProtector

Chemical inhibitor



The Calprotector is used for preventing and providing protection again corrosion and limescale build up, ensuring the longevity of your heating system. It should be added and left permanently in the system.

- Non-acidic & Water soluble.
- Safe to use with stainless steel heat exchangers.
- Will not break down seals anddoes not create leaks.
- Suitable for mixed metal and plastic systems.

Product Code	Volume	Box Quantity
CHEM-CP100-500	500ml	30
CHEM-PROTECTOR-1L	1000ml	12
CHEM-PROTECTOR-25LITRE	25000ml	1

CalSealer

Seals Leaks



This leak sealer is part of the CalChem range from Calmag. This Leak Sealer seals inaccessible leaks and weeping joints within 1-24 hours. It does not block pumps, valves or air-vents and reduces pressure loss in sealed systems by forming a soft seal within a short time period. The CalSealer remains in the system and there is no need to flush and will treat up to 10 radiators (or 100 litres).

- Non-acidic
- Water soluble
- Safe to use with stainless steel heat exchangers
- Will not break down seals
- Does not create leaks
- Avoids costly repairs

How to use:

This is only suitable for fully indirect systems and is not suitable for use with PRIMATIC single feed cylinders.

Product Code	Volume	Box Quantity
CHEM-CS400-500	500ml	30
CHEM-CAL-LS-1000	1000ml	12

CalDescaler



CalDescaler loosens and dissolves limescale, corrosion deposits and iron oxides typically found in heating systems with circulation and heat transfer problems. Calmag recommends using the CalDescaler for the boiler (heat exchanger) only.

Research has shown that limescale only forms abov 60° in a sealed system and is therefore not required in the radiators or pipework.

How to use:

Flush the system prior to introducing and dose the system at1%-3% - this means 1%/3% inhibitor, 99% water. Having removed the magnetite sludge from the system, turn off the pump and isolate radiators so that the Descaler will only go round the primary loop and the heat exchanger. 500ml is sufficient for a badly scaled heat exchanger and takes up to 30 minutes for completion. Continue to flush with clean water until all acid has been removed or use a pH test paper to test the acid content of the water afterflushing. A pH of 7 or slightly above is fine. DO NOT LEAVE IN THE SYSTEM FOR MORE THAN 2 WEEKS.

Product Code	Volume	Box Quantity
CHEM-CD200-500	500ml	30
CHEM-DESCALER-1L	1000ml	12

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Sludge & Flux Remover

Use with Powerflushing



The sludge and flux remover cleans and neutralises flux residues debris, oil and grease from new and old systems, as well as flocculating magnetite sludges and particulate residues, to facilitate their easy removal with a Powerflush machine.

The Sludge and Flux remover is suitable for use with all components. It will not harm aluminium and requires no neutralisation. This product can remove light rust and helps descale and soften water.

Product Code	Volume	Box Quantity
CHEM-CF600-500	500ml	30
CHEM-PFP-SLUDGE AND FLUX	1000ml	12

Cal Silencer

Boiler noise silencer



CalSilencer is a flocculent blend that is typically used to shift deposits of silt, mud and sand from open drains. CalSilencer gives the silt particles a buoyancy in water and by putting a small electrical charge on each particle it causes them to repel each other.

Material treated with CalSilencer is unlikely to form a sold mass again. This enables the silt and the sludge content of heating systems to be removed quickly and effectively..

- Available 1 litre or 500ml bottles
- 1L treats 10-15 radiators/ a 100 litre system (equivalent of a standard 4 bedhouse)
- Overdosing does not present a problem
- Suitable to use with all components
- Will not harm aluminium or other materials
- Requires no neutralisation
- Can remove light rust
- For new and old systems
- Restores boiler efficiency
- Can be left in the system for up to 2 weeks

Product Code	Volume	Box Quantity
CHEM-CS500-500	500ml	30
CHEM-SILENCER-1L	1000ml	12

Anti-freeze & inhibitor



What does Antifreeze & Inhibitor do?

Heating system antifreeze works by lowering the freezing point of water within your system, preventing pipes and components from freezing during cold weather.

At the same time, the built-in inhibitor protects against corrosion, reduces sludge and debris, prevents, internal scaling and maintains system efficiency.

Features

- Mono Propylene Glycol Base: Less toxic and more environmentally friendly than traditional antifreeze solutions. Antifreeze protection down to -11°C at a 25% solution and -24°C at a 40% solution.
- Antibacterial Protection helps prevent the growth of harmful bacteria in your system.
- Protects system components from corrosion and scaling.
- Optimises system efficiency by improving heat transfers.
- Suitable for use in solar, central heating, and chilled water systems.

Antifreeze vs Inhibitor – What's the Difference?

Inhibitor only
protects against corrosion and sludge

Antifreeze + inhibitor
protects against freezing and corrosion

Suitable Applications

Domestic central heating systems	Boilers and Radiators	External pipework	Unoccupied properties

Product Code	Volume	Box Quantity
CHEM-ANTIFREEZE-5L-CAL	1000ml	4
CHEM-ANTIFREEZE-25LITRE-CON	25000ml	1

CalFlush

Power Flushing



The CalFlush Power Flushing Unit is capable of removing as much as 85% of central heating system contaminants and debris resulting in lower fuel bills and the prolonged life of a central heating system and boiler.

Reducing fuel bills and prolonging the life of central heating systems is easy with the CalFlush Power Flushing unit. Power flushing is essential when replacing existing boilers or installing brand new central heating systems.

Power flushing ensures flux and other deposits are removed, prior to adding a corrosion inhibitor which is a requirement of Part L of the Building Regulations (BS7593:1992).

Why is Calflush needed?

Central heating systems can gradually build up a combination of scale, sludge and corrosion by-products within the boiler, pipework and radiators. This manifests itself as cold spots on radiators, failure to pump to the furthest radiators and noise in the boiler.

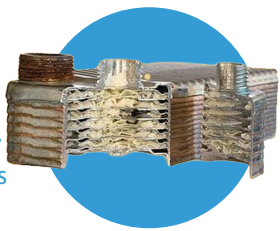
Central heating systems also need to be flushed prior to filling with preservative, in order to remove flux and other deposits, before commissioning for the first time (BS7593:1992).

It can be often time consuming or impractical to remove radiators for cleaning out severe blockages. Even when radiators are removed, the only flushing capability often available is with a hose at mains pressures and flows. However, this process will not loosen or remove sludge which has bonded to the inside of radiators, or the remainder of the heating system.

The Calflush is the solution. The Calflush recirculates the cleaning solution at a high flow through the system, while alternating the direction of flow. Thorough cleaning can be completed in a short time with high efficiency and minimal disturbance to the existing heating circuit, without the need for multiple visits or frequent draining and refilling.

Homeowners may require an explanation of powerflushing to make it clear how this benefits a heating system and helps to prevent system breakdowns.

The best way to promote Powerflush sales to customers is to cut a heat exchanger in half and show them exactly how small the water ways are. This helps to demonstrate how quickly water ways could block if a new boiler is added to a dirty heating system.

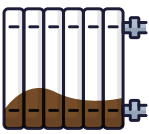


Features and Benefits

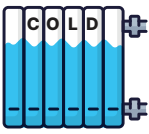
- Compact – only 630mm high.
- Lightweight at 17kg empty.
- Easy to understand and use
- Saves time and money.
- Simple & quick to connect to a heating system.
- Large tank capacity at 36 litres.
- Compatible with all approved chemicals.
- Ideal for critical applications requiring high efficiency pumps.
- Powerful acid proof flushing pump – 0.50hp and IP55 rated.
- 15M Head (up to 20/30 radiators).
- One visit required to flush entire system.
- Flow Reverser – dump facility.
- Optimum flow rate for domestic properties – 50 litres per minute.

Height x Diameter (mm)	Weight Empty/ Weight Working	Max inlet Pressure	Motor Rating
630 x 350	17kg / 45kg	5 bar	0.50Hp
Max temp recirculating liquid	**Max Drain Flow**	**Max recirculation Flow**	**Connections**
80°C	50 lpm	1.3 bar	3/4" male
Motor Insulation	**Power Connection**	**Cable Length**	**Full Load Current**
IP55	13 Amp plug BS1363	2.5 metres	370W

Problem Areas that Powerflushing will Cure



Sludge buildup at the bottom.



Trapped air at the top – cold, due to gases.



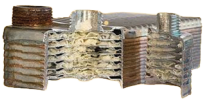
Blocked valves and pipes.



No circulation in boiler from blocked pump.



Boiler noise and boiler cut-outs due to sludge and scale build up.



Hot water problems due to heat exchanger problems.

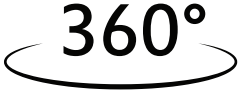
Product Codes

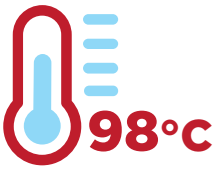
CHEM-PF-CALFUSH



Features and Benefits

- Filtered near boiling water (98 ºC).
- Domestic hot & cold water.
- British designed and engineered.
- Easy installation and usability
- Suitable for high & low water pressure.
- Low maintenance.
- A sustainable, efficient and safe choice.
- Saves water – use the exact amount.
- Saves time – instant hot water.
- Saves space – remove your kettle.





Matt Black

DWFK-CALHWT-MB-SWAN

Contact your local Rep to place an order, or ring our office at 01986 784759

Boiling Taps

Swan Neck









Improve your kitchen experience forever with a classic Calmag Hot 3-in-1 Swan Neck instant boiling water tap in a stylish Chrome, Nickel or Black finish with child safe handle.

The tap features a three-way water outlet, allowing you to switch between hot, cold and boiling hot water with just a single toggle. The control knob has an ergonomic design which makes it easy to use and comfortable to hold. The boiling water is always ready and available on demand. Its durable construction is designed to last, and the sleek finish ensures it always looks great.

Height x Width x Base width (mm)	Hole diameter	Rear extension
390 x 170 x 55mm	35mm standard	25mm from centre

Spout projection	Tank dimensions H x W x D (mm)
200mm	264 x 200 x 200

Chrome	Brushed Nickel
DWFK-CALHWT-CP-SWAN	DWFK-CALHWT-BN-SWAN

Boiling Taps

Square Neck



Improve your kitchen experience forever with a classic Calmag Hot 3-in-1 Square Neck instant boiling water tap in a stylish Chrome, Nickel or Black finish with child safe handle.

The tap features a three-way water outlet, allowing you to switch between hot, cold and boiling hot water with just a single toggle. The control knob has an ergonomic design which makes it easy to use and comfortable to hold. The boiling water is always ready and available on demand. Its durable construction is designed to last, and the sleek finish ensures it always looks great.

Height x Width x Base width (mm)	Hole diameter	rear extension
390 x 170 x 55mm	35mm standard	25mm from centre

Spout projection	Tank dimensions H x W x D (mm)
200mm	264 x 200 x 200

Chrome	Brushed Nickel
DWFK-CALHWT-CP-SQUARE	DWFK-CALHWT-BN-SQUARE



Ultra Violet Disinfection

The struggle of private water supplies

In generalterms a private water supply is any water supply which is not provided by a water company. It is not a "mains" supply. About 1% of the population of England and Wales have private water supplies to their homes.

Most private supplies are situated in the more remote, rural parts of the country. The source of the supply may be a well, borehole, spring, stream, river, lake or pond. The supply may serve just one property or several properties through a network of pipes.

Many of these private water supplies will not have received prior treatment at a water works which means that the water is unlikely to meet the standards set by the Private Water Supplies Regulators. In such cases, water disinfection by Ultra Violet light is the easiest and most cost effective option open to those responsible for the supply. UV (ultraviolet) technology is proven to control microbiological (bacteria & virus) issues in water including E.coli, Cryptosporidium and Giardia lamblia.

In order for CalUltra to work effectively contaminants should be below the specified amounts shown below. You can check this against your water quality report that you should receive from your supplier or local authority. If contaminants are higher than those shown below you may need to install specific equipment to reduce them prior to installing CalUltra.

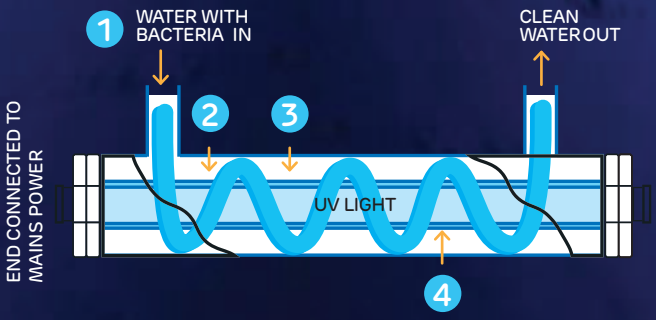
Turbidity	<1NTU
Suspended	<10ppm
Colour	None
Iron	<0.3ppm
Manganese	<0.05ppm
pH	6.5 - 9.5
Hardness	<120ppm
Hydrogen Sulphate	<0.05ppm
Tannins	<0.1ppm

How Calutra Works

UV (ultraviolet) disinfection of water is achieved by simply exposing the water to UV light of a specific wavelength. This wavelength is known as the Germicidal Wavelength.

The output of the UV lamp is concentrated at 254 nanometers, the most effective wavelength for penetrating the outer skin of Bacteria and Virus cells. Penetrating water in this manner damages the DNA of the cell, preventing it from
reproducing. In effect this action destroys any pathogenic properties the cell may possess.

The UV lamp is positioned inside a quartz sleeve, which prevents the water that
passes through the UV chamber from direct contact with the UV lamp, whilst



The effectiveness of the UV system is determined by the intensity of the UV light and the amount of time the water is exposed to that light. All Calmag UV systems are sized to ensure a lamp output and flow rate that provides an output of 30,000uWsec/cm². Most common bacteria and viruses require an average exposure of between 4,000 and 12,000uWsec/cm² to ensure their destruction. Operating at 30,000uWsec/cm² ensures the Calmag UV system will provide a minimum of two and a half times overkill. This kill rate will increase as the rate of water flow is decreased.

All units should be accompanied by a pre-filter to protect the quartz sleeve and bulb from contamination.

1. Water enters the UV chamber and flows into an annular space between the quartz sleeve...
2. ..and the outside chamber wall...
3. ...the water is exposed to the UV light from the mercury germicidal lamp...
4. ...thereby disinfecting the micro-organisms and rendering it dead.

WATER BORN ORGANISMS- EXPOSURE UWSEC/CM — REQUIRED FOR 99% DESTRUCTION OF MICRO ORGANISMS

	KILL RATE
BACTERIAL	
Bacillus Anthracis	8700
Corynebacterium Diptheriae	6500
Dysentery Bacilli	4200
Escherichia Coli	7000
Legionella Bozemanii	3500
Legionella Dumoffi	5500
Legionella Gormanii	4900
Legionella Micdadei	3100
Legionella Longbeachae	2900
Legionella Pnemophila (Legionnaires Disease)	12300
Mycobacterium Tuberculosis	10000
Pseudomonas Aeruginosa (Laboratory strain)	3900
Pseudomonas Aeruginosa (Environmental strain)	10500
Salmonella (Food poisoning)	10000
Salmonella Typhosa (Typhoid fever)	7000
Shigella Cysentariae (Dysentery)	4200
Shigella Flexneri (Dysentery)	3400
Staphylococcus Epidermidis	5800
Staphylococcus Faecalis	10000
Viridans Stretococci	3800
Vibro Comma (Cholera)	6500
VIRUSES	
Bacteriophage (E-coli)	6600
Hepatitis	8000
Influenza	6600
Poliomyelitis (Polio virus)	7000
ALGAE	
Chlorella Vulgaris	22000

Please note: *All Calmag units are sized at an output of 30,000 µW/cm*

Note:

The ballast itself has a lifespan of 7 – 8 years but can last up to 10 years if looked after.

Sleeve needs to be replaced annually and checked by the customer every month to make sure it is clean.

CalUltra 12

WRAS APPROVED PRODUCT

Recommended for any premises where safe water is needed



A complete water disinfection system that provides pure sterile water free from pathogenic organisms. Eliminates bacteria in private water supplies and control slegionella from various applications. Recommended for areas such as medical practices, care and nursing homes with vulnerable patients.

- Polished 304 Stainless Steel, A249 Pressure Rated Tubing.
- Low running costs.
- The ballast itself has a lifespan of 7 – 8 years but can last up to 10 years if looked after.
- Sleeve needs to be replaced annually and checked monthly to make sure it is clean.
- No chemicals added to the water.
- Kills water borne viral & bacterial organisms including: Legionella, E-Coli, Cyyptosporidium, Campylobacter.
- User friendly bayonet style bulbs.
- Colour user control box with full diagnostics and warnings.
- Designed and manufactured to ASME pressure vessel standards.

Flow Rate (@16m3/cm²)	Flow Rate (@30m3/cm²)	Flow Rate (@40m3/cm²)	Max Operating Temp	Controller Dimensions (mm)
6 GPM 23 lpm 1.4m³/hr	3 GPM 12 lpm 0.7m³/hr	2.4 GPM 9.1 lpm 0.5m³/hr	40°C	171.5 x 92.1 x 76.2

Unit Dimensions	Port Size	Electrical	Lamp (Watts)	Power (Watts)
6.4x 34.2cm	1/2" MNPT	230-240V 50-60Hz	15W	20W

Board mounted	Lamp Change Reminder	Pre-filter included	Cartridge included
Yes	Yes (audible & visual)	Yes	Yes 5 Micron House S

5 YEARS Parts Warranty

How to check your maximum flow rate

It is important to know the maximum flow rate that your water system delivers. If you do not have this information you can simply time how long it takes to fill a 1 gallon bucket with water. This will be the maximum flow rate for the home. The appropriate UV unit should then be chosen. It is always better to oversize your system then to undersize as there will be occasions where your home is using water at the pump's maximum capacity. For example, if your pump delivers 60 litres per minute it is recommended to install the CALULTRA 79 UV unit.

Please Note: that the flow rate for each system can be higher or lower than what the system is rated for. This will change the dose level that the system will deliver. A lower flow is not a concern as the dose will increase, however a higher flow rate will decrease the dose and therefore compromise the microorganism inactivation.

Product Code	Replacement Lamp	Replacement Sleeve
UV-CALULTRA-12	UV-BULB-B12	UV-QUARTZ-QS12

CFor commercial sizing, please ring our office at 01986 784759

CalUltra 22

Recommended for any premises where safe water is needed

A complete water disinfection system that provides pure sterile water free from pathogenic organisms. Eliminates bacteria in private water supplies and control slegionella from various applications. Recommended for areas such as medical practices, care and nursing homes with vulnerable patients .



- Polished 304 Stainless Steel, A249 Pressure Rated Tubing.
- Low running costs.
- The ballast itself has a lifespan of 7 – 8 years but can last up to 10 years if looked after.
- Sleeve needs to be replaced annually and checked monthly to make sure it is clean.
- No chemicals added to the water.
- Kills water borne viral & bacterial organisms including: Legionella, E-Coli, Cyyptosporidium, Campylobacter.
- User friendly bayonet style bulbs.
- Colour user control box with full diagnostics and warnings.
- Designed and manufactured to ASME pressure vessel standards.

WRAS APPROVED PRODUCT

Flow Rate (@16m3/cm²)	Flow Rate (@30m3/cm²	Flow Rate (@40m3/cm²	Max Operating Temp	Controller Dimensions (mm)
11 GPM 42 lpm 2.5m³/hr	5.8 GPM 22 lpm 1.3m³/hr	4.4 GPM 17 lpm 1.0m³/hr	40°C	171.5 x 92.1 x 76.2

Unit Dimensions	Port Size	Electrical	Lamp (Watts)	Power (Watts)
6.4x 52.2cm	1/2" MNPT	230-240V 50-60Hz	22W	30W

Board mounted	Lamp Change Reminder	Pre-filter included	Cartridge included
Yes	Yes (audible & visual)	Yes	Yes 5 Micron House S

5 YEARS Parts Warranty

How to check your maximum flow rate

It is important to know the maximum flow rate that your water system delivers. If you do not have this information you can simply time how long it takes to fill a 1 gallon bucket with water. This will be the maximum flow rate for the home. The appropriate UV unit should then be chosen. It is always better to oversize your system then to undersize as there will be occasions where your home is using water at the pump's maximum capacity. For example, if your pump delivers 60 litres per minute it is recommended to install the CALULTRA 79 UV unit.

Please Note: that the flow rate for each system can be higher or lower than what the system is rated for. This will change the dose level that the system will deliver. A lower flow is not a concern as the dose will increase, however a higher flow rate will decrease the dose and therefore compromise the microorganism inactivation.

Product Code	Replacement Lamp	Replacement Sleeve
UV-CALULTRA-22	UV-BULB-B22	UV-QUARTZ-QS22

CalUltra 41

Recommended for any premises where safe water is needed



A complete water disinfection system that provides pure sterile water free from pathogenic organisms. Eliminates bacteria in private water supplies and control slegionella from various applications. Recommended for areas such as medical practices, care and nursing homes with vulnerable patients.

- Polished 304 Stainless Steel, A249 Pressure Rated Tubing.
- Low running costs.
- The ballast itself has a lifespan of 7 – 8 years but can last up to 10 years if looked after.
- Sleeve needs to be replaced annually and checked monthly to make sure it is clean.
- No chemicals added to the water.
- Kills water borne viral & bacterial organisms including: Legionella, E-Coli, Cyyptosporidium, Campylobacter.
- User friendly bayonet style bulbs.
- Colour user control box with full diagnostics and warnings.
- Designed and manufactured to ASME pressure vessel standards.

WRAS APPROVED PRODUCT

Flow Rate (@16m3/cm²)	Flow Rate (@30m3/cm²	Flow Rate (@40m3/cm²	Max Operating Temp	Controller Dimensions (mm)
20 GPM 77 lpm 4.6m³/hr	11 GPM 41 lpm 2.5m³/hr	8.2 GPM 31 lpm 2.5m³/hr	40°C	171.5 x 92.1 x 76.2

Unit Dimensions	Port Size	Electrical	Lamp (Watts)	Power (Watts)
6.4x 87.2cm	1/2" MNPT	230-240V 50-60Hz	39W	49W

Board mounted	Lamp Change Reminder	Pre-filter included	Cartridge included
No	Yes (audible & visual)	No	Yes 5 Micron Max S

5 YEARS Parts Warranty

How to check your maximum flow rate

It is important to know the maximum flow rate that your water system delivers. If you do not have this information you can simply time how long it takes to fill a 1 gallon bucket with water. This will be the maximum flow rate for the home. The appropriate UV unit should then be chosen. It is always better to oversize your system then to undersize as there will be occasions where
your home is using water at the pump's maximum capacity. For example, if your pump delivers 60 litres per minute it is recommended to install the CALULTRA 79 UV unit.

Please Note: that the flow rate for each system can be higher or lower than what the system is rated for. This will change the dose level that the system will deliver. A lower flow is not a concern as the dose will increase, however a higher flow rate will decrease the dose and therefore compromise the microorganism inactivation.

Product Code	Replacement Lamp	Replacement Sleeve
UV-CALULTRA-41	UV-BULB-B41	UV-QUARTZ-QS41

CFor commercial sizing, please ring our office at 01986 784759

CalUltra 79

Recommended for any premises where safe water is needed



A complete water disinfection system that provides pure sterile water free from pathogenic organisms. Eliminates bacteria in private water supplies and control slegionella from various applications. Recommended for areas such as medical practices, care and nursing homes with vulnerable patients.

- Polished 304 Stainless Steel, A249 Pressure Rated Tubing
- Low running costs
- The ballast itself has a lifespan of 7 – 8 years but can last up to 10 years if looked after.
- Sleeve needs to be replaced annually and checked monthly to make sure it is clean.
- No chemicals added to the water
- Kills water borne viral & bacterial organisms including: Legionella, E-Coli, Cyyptosporidium, Campylobacter
- User friendly bayonet style bulbs
- Colour user control box with full diagnostics and warnings
- Designed and manufactured to ASME pressure vessel standards.

WRAS APPROVED PRODUCT

Flow Rate (@16m3/cm²)	Flow Rate (@30m3/cm²	Flow Rate (@40m3/cm²	Max Operating Temp	Controller Dimensions (mm)
39.2 GPM 150 lpm 8.9m³/hr	21 GPM 79 lpm 4.7m³/hr	16 GPM 59 lpm 3.5m³/hr	40°C	171.5 x 92.1 x 76.2

Unit Dimensions	Port Size	Electrical	Lamp (Watts)	Power (Watts)
6.4x 91.7cm	1/2" MNPT	230-240V 50-60Hz	42W	51W

Board mounted	Lamp Change Reminder	Pre-filter included	Cartridge included
No	Yes (audible & visual)	Supplied but not fitted	No

5 YEARS Parts Warranty

How to check your maximum flow rate

It is important to know the maximum flow rate that your water system delivers. If you do not have this information you can simply time how long it takes to fill a 1 gallon bucket with water. This will be the maximum flow rate for the home. The appropriate UV unit should then be chosen. It is always better to oversize your system then to undersize as there will be occasions where
your home is using water at the pump's maximum capacity. For example, if your pump delivers 60 litres per minute it is recommended to install the CALULTRA 79 UV unit.

Please Note: that the flow rate for each system can be higher or lower than what the system is rated for. This will change the dose level that the system will deliver. A lower flow is not a concern as the dose will increase, however a higher flow rate will decrease the dose and therefore compromise the microorganism inactivation.

Product Code	Replacement Lamp	Replacement Sleeve
UV-CALULTRA-79	UV-BULB-B79	UV-QUARTZ-QS79

CalFresh C

Water Filter



CalFresh C delivers filtered drinking and cooking water on demand. This filtration kit features a separate drinking water tap and a compact, under-sink cartridge housing.

The fine carbon grade and small mesh structure of the Fresh C cartridge ensures chlorine reduction is achieved.

Recommended for filtration of sediment, dirt, discolouration, unpleasant taste and smell, chlorine, bacteria and heavy metals.

The kit is supplied complete with the CalFresh filter housing, a 10" Fresh C carbon block cartridge, a dedicated drinking water tap, and all inlet/outlet connectors required for installation — everything needed for a full under-sink filtered water installation in one box.

How It Works

The Fresh C cartridge uses a fine-grade carbon block with a small-mesh structure to achieve effective chlorine reduction, as well as filtration of sediment, dirt, discolouration, unpleasant taste and smell, organic material, bacteria, cysts and heavy metals.
Water from the mains is directed through the cartridge before being delivered to the dedicated drinking tap — producing a continuous supply of filtered water at the touch of the tap.



Housing Diameter	Housing Height	Max Operating Temperature
117mm	315mm	30°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate
8 bar (112 psi)	¾" BSP (female thread)	50 L/Min

Product Code

DWFK-CALFRESH-C

Contact your local Rep to place an order, or ring our office at 01986 784759

CalFresh CR

Water Filter



CalFresh CR delivers filtered drinking and cooking water on demand. This filtration kit features a separate drinking water tap and a compact, under-sink cartridge housing.

The fine carbon grade and small mesh structure of the Fresh CR cartridge ensures chlorine reduction is achieved.

Recommended for filtration of sediment, dirt, discolouration, unpleasant taste and smell, chlorine, bacteria and heavy metals.

The kit is supplied complete with the CalFresh filter housing, a 10" Fresh CR carbon block cartridge, a dedicated drinking water tap, and all inlet/outlet connectors required for installation — everything needed for a full under-sink filtered water installation in one box.

How It Works

This filter is filled with carbon and resin. The carbon helps to reduce bad taste and chlorine and the resin reduces limescale and scum in hard water areas.
Water from the mains is directed through the cartridge before being delivered to the dedicated drinking tap - producing a continuous supply of filtered water at the touch of the tap.



Housing Diameter	Housing Height	Max Operating Temperature
117mm	315mm	30°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate
8 bar (112 psi)	¾" BSP (female thread)	50 L/Min

Product Code

DWFK-CALFRESH-CR

CalSlim C

Water Filter



Our Space-saving CalSlim C is the perfect under-sink solution for combatting problems with poor tasting or unpleasant smelling water. The effective Slim C filtration cartridge traps dirt particles in its special matrix – it is also suitable for reducing chlorine.

With quick and easy installation and low maintenance, an endless supply of finely filtered water is yours at the touch of a tap. The Slim C comes complete with its own stylish slim line tap.

Features

- Continuous supply of finely filtered water – better for drinking and cooking.
- Space-saving - Neat, slim line cartridge housing fits easily under the sink.
- Effective filtration of chlorine.
- Improves the taste and smell of drinking water.
- Saves money – no need to buy expensive bottled water.
- Easy to change cartridges. - replace every 6 months.
- Complete kit ready for installation.



Chlorine | Bad Tastes | Odours | Herbicides | Scum | Heavy Metals

Housing Diameter	Housing Height	Max Operating Temperature
50mm	230mm	30°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate
8 bar (112 psi)	1/4" BSP or speedfit	5 L/Min

Product Code

DWFK-CALSLIM-C

Contact your local Rep to place an order, or ring our office at 01986 784759

CalSlim R

Water Filter



Enhance your daily hydration with the Calmag Calslim R Under-sink Water Filterkit. This essential system delivers fresh, clean drinking water straight from your kitchen tap. It effectively removes chlorine, scale, sediment, scum, and heavy metals.Improving taste and odour for a more pleasant experience. Beyond taste, the filter protects your kettle and appliances from damaging limescale build-up. Its discreet design fits neatly under your sink, maximising valuable counter space. The kit contains a quarter turn tap, cartridge, wall bracket, 1 m long flexible pipe, a self-cutting tap and all necessary fittings for installation.

Features

- Continuous supply of finely filtered water: better for drinking and cooking.
- Space-saving - Neat, slim line cartridge housing fits easily under the sink.
- Effective filtration of chlorine.
- Improves the taste and smell of drinking water.
- Saves money – no need to buy expensive bottled water.
- Easy to change cartridges - replace every 6 months.
- Complete kit ready for installation.



Chlorine | Bad Tastes | Odours | Herbicides | Scum | Heavy Metals

Housing Diameter	Housing Height	Max Operating Temperature
50mm	230mm	30°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate
8 bar (112 psi)	1/4" BSP or speedfit	5 L/Min

Product Code: DWFK-CALSLIM-R

CalHouse S

Sediment Water Filter



Dirt & Sediment



Improve your home drinking water instantly with CalHouse S. This drinking water filter kit is the perfect choice for connecting directly to an existing household water tap, with the added convenience of a compact, under-sink cartridge housing.

The wound filter has an effective matrix for trapping particles within the special media. Sediment, dirt and discolouration are removed to give an endless supply of filtered water.

- On demand supply of filtered water for better drinking and cooking.
- Combats dirt, discolouration, sediment, poor odour and taste.
- Reduces organic material and heavy metals.
- Complete kit ready for a Quick under-sink installation.
- Easy change cartridges (change every 6 months).
- Saves money – no need to buy expensive bottled water.
- Convenient connection to a single household water tap.

Housing Diameter	Housing Height	Max Operating Temperature
117mm	315mm	30°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate
8 bar (112 psi)	¾" BSP (female thread)	50 L/Min

Product Code
DWFK-HOUSE-S

Contact your local Rep to place an order, or ring our office at 01986 784759

CalHouse SC

Sediment & Chlorine Water Filter

Improve your home drinking water instantly with CalHouse SC. This drinking water filter kit is the perfect choice for connecting directly to an existing household water tap, with the added convenience of a compact, under-sink cartridge housing. The House SC cartridge has a special wound and carbon matrix, designed for trapping sediment and dirt. Contaminants are effectively reduced to improve drinking water taste and smell. Also recommended for combating problems with water discolouration, chlorine, organic materials and heavy metals.





- On demand supply of filtered water for better drinking and cooking.
- Combats dirt, discolouration, sediment, chlorine, odour and taste.
- Reduces organic material and heavy metals.
- Complete kit ready for a Quick under-sink installation.
- Easy change cartridges (change every 6 months).
- Saves money – no need to buy expensive bottled water.
- Convenient connection to a single household water tap.



Chlorine | Bad Tastes | Odours | Herbicides | Dirt & Sediment

Housing Diameter	Housing Height	Max Operating Temperature
75mm	300mm	30°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate
8 bar (112 psi)	¾" BSP (female thread)	50 L/Min

Product Code
DWFK-HOUSE-SC

CalMax S

Sediment Water Filter for heavier users of water



Dirt & Sediment



The special wound filter construction of the Max S effectively combats problems with sediment, dirt and discolouration of water. Contaminants are trapped within the special cartridge matrix, giving maximum filtration performance. CalMax S is easy to install by connecting to an existing tap.

- Reduces Sediment & Dirt up to 5 microns
- Reduces Discolouration
- Kit includes the housing unit, bracket, and spanner
- Filter requires a change every 4-6 months.

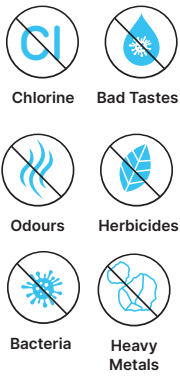
Housing Diameter	Housing Height	Max Operating Temperature
182mm	350mm	50°C

Max Operating Pressure	Inlet & outlet	Max Flow Rate	Product Code
8 bar (112 psi)	1" BSP (female thread)	60 L/Min	DWFK-MAX-S

Contact your local Rep to place an order, or ring our office at 01986 784759

CalMax C

Water Filter for heavier users of water





Features include the special Max C cartridge and housing, fine grade carbon, and small mesh cartridge construction for achieving high chlorine reduction.

CalMax C is highly recommended for treating sediment, dirt, discolouration, unpleasant taste and smell, organic material, bacteria, cysts and heavy metals.

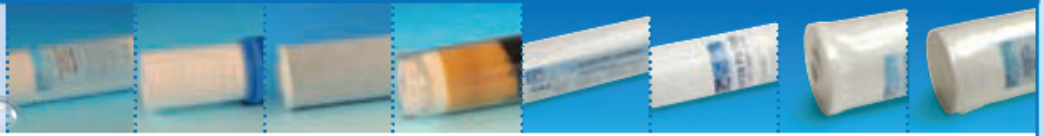
CalMax C is built for durability combined with high filtration performance.

The kit includes the housing unit, bracket, and spanner, and requires filter changes every 4-6 months.

Housing Diameter	Housing Height	Max Operating Temperature
182mm	350mm	35°C
Max Operating Pressure	**Inlet & outlet**	**Max Flow Rate**
8 bar (112 psi)	1" BSP (female thread)	42 L/Min

Product Code
DWFK-MAX-C
Replacement Cartridge
CART-MAX-C

DIFFERENT CARTRIDGES REDUCE DIFFERENT CONTAMINANTS. CHOOSE THE CORRECT WATER FILTER CARTRIDGE



CONTAMINANT	HOUSE S	HOUSE SC	FRESH C	FRESH CR	SLIM R	SLIM C	MAX C	MAX S
Sediment	✔	✔						✔
Dirt	✔	✔						✔
Discolouration	✔	✔						✔
Bad taste		✔	✔	✔	✔	✔	✔	
Chlorine		✔	✔	✔	✔	✔	✔	
Odour		✔	✔	✔	✔	✔	✔	
Organic Materials		✔	✔	✔	✔	✔	✔	
Bacteria			✔				✔	
Cysts			✔				✔	
Scale (hard water areas only)				✔	✔			
Scum (hard water areas only)				✔	✔			
Heavy metals		✔	✔	✔	✔	✔	✔	

Drinking Water Jug

Jug with Hard Water Cartridge

DWFK-JUG

Hard Water Replacement Cartridge

DWFK-JUG-CART

Soft Water Replacement Cartridge

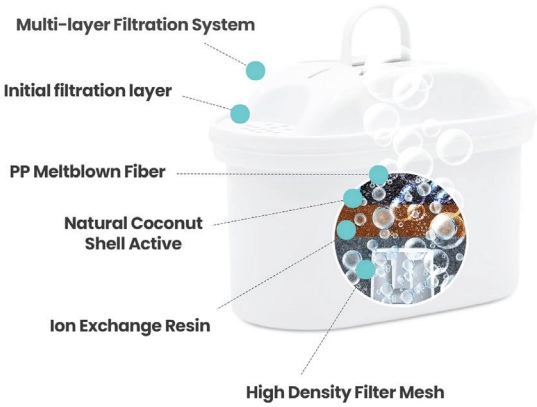
DWFK-JUG-CART-SOFT



- Convenient filtration.
- 2 litre capacity.
- Alternative to plastic bottles.
- Flip top lid.
- Slim and compact.



The Calmag Water Filter Jug is a 2-litre (1.5L filtered) non-electric dispenser designed to fit inside your fridge. It uses activated carbon and ion-exchange resin to reduce chlorine, limescale, and impurities, improving the taste of your mains water. Cartridges last up to 30 days and are 100% recyclable. An easy to open flip top lid means easy pouring and the jug is compatible with all oval shaped cartridges.



Height	Width	Length
210mm	250mm	100mm

CalRo

Reverse Osmosis

No.1 choice for people with health concerns/risk from harmful contaminents.

CalRo uses the process of reverse osmosis to filter water, removing 98-99% of total dissolved solids (TDS) from your water.



Product Code RO-CALRO-4

The advanced technology eliminates more than 1,000 contaminants, keeping your water safe from chlorine, limescale, sediment, bad taste, heavy metals and odour. It also combats both chemical and organic contaminants such as arsenic, asbestos, benzene, fluoride, formaldehyde, nitrate, nitrite and trichloromethane.

How it works

The mains water to be treated enters the RO unit through the sediment and carbon cartridge where the suspended particles, such as chlorine, its derivatives and other organic substances are removed.

The passage of water into the RO unit is controlled by a cut-off solenoid valve.

The water, after being treated by the filtration stage, is driven towards the RO membrane and the equipment incorporates a pump to increase the pressure, and the pressure of the water on the membrane makes the reverse osmosis process possible by trapping all of the contaminants.

The osmotised water comes out of the RO unit through the smart tap for consumption. Reject water or the water with excess salts and other dissolved substances is re-directed to the drain waste.

When water is not requested through the smart tap, the RO unit stops operating by the means of a maximum pressure switch with an automatic cut-off.

Features

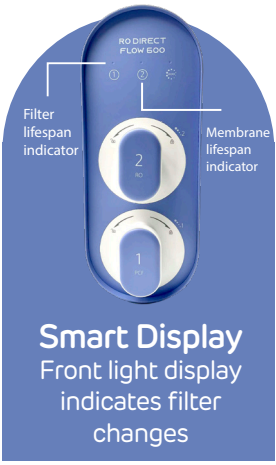
The RO unit also incorporates a minimum pressure switch as a safety system, which protects the pump from pressure drops, stopping the RO unit and preventing its operation in a vacuum.

Unlike traditional RO units, our RO Pro unit has fast-filtering capabilities, ensuring a standard glass can be filled in 12 seconds due to the high water flow rate of the 600 gallon per day membrane.

The slimline design of the RO unit complements any kitchen and fits neatly underneath the kitchen sink, saving space and looking aesthetically pleasing in any home by combining the traditional 5-stage filtration unit into 2 filters.

The advanced technology eliminates more than 1,000 contaminants, keeping your water safe from chlorine, limescale, sediment, bad taste, heavy metals and odour. It also combats both chemical and organic contaminants such as arsenic, asbestos, benzene, fluoride, formaldehyde, nitrate, nitrite and trichloromethane.

- Quick-click connections
- High Performance Motor
- Can be installed horizontally or vertically
- Automatic maintenance warning for filter control
- Aquastop -automatic leak detection system
- Fast filtering capabilities - a glass filled in 12 seconds
- High water flow rate
- PPC Cartridge - replacement recommended every 12 months
- 600 GPD membrane - replacement recommended every 36 months



Smart Display

Front light display indicates filter changes



Quick-click cartridges

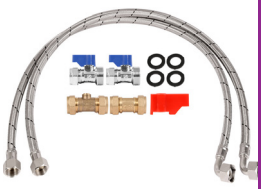
With an easy twist motion and without moving the RO unit, simply push and pull the cartridge to remove and replace.

Height	Width	Length	Installation
385mm	160mm	465mm	Horizontally or vertically

CONTAMINANTS REDUCED BY REVERSE OSMOSIS

Algae	98%	Chlorides	97%	Magnesium	98%	Silver	98%
Aluminium	98%	Chlorine	99%	Mercury	96%	Sodium	98%
Antimony	96%	Chromium	99%	Monochloramine	94%	Sulphate	98%
Arsenic	98%	Copper	99%	Nickel	98%	THM's	99%
Asbestos Fibres	99%	Cysts	99%	Nitrates	98%	Total Hardness	98%
Bacteria	98%	Dichloramine	92%	Odours	99%	Total dissolved solids	94%
Barium	99%	Fluorides	98%	Pesticides	99%	Total alkalinity	91%
Benzene	90%	Herbicides	99%	Phosphate	98%	Turbidity	98%
Beryllium	99%	Iron (soluble)	98%	Potassium	86%	Viruses	98%
Cadmium	99%	Lead	99%	Radon	95%	Zinc	99%
Calcium	97%	Manganese	98%	Selenium	90%		

15mm Install Kit



The standard ½" / 15mm installation kits are suitable for homes with a cold water storage tank.

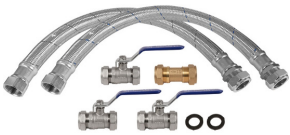
Each kit comes with inlet valve, outlet valve, bypass valve, washers and 2 x stainless steel hoses. We use stainless steel full bore hoses for maximum flow rates.

Product Code

WS-INSTALL-KIT

22mm Install Kit

If your home has a combination boiler or direct hot water system we recommend the installation of our high flow ¾" / 22mm installation kit.



Each kit comes with inlet valve, outlet valve, bypass valve, washers and 2 x stainless steel hoses. We use stainless steel full bore hoses for maximum flow rates.

Product Code

HFK-22

28mm Upgrade Install Kit



If you have a 28mm supply, you will need Monarchs 1" upgrade.

1" upgrade for all HE models.

This converts the connections on Monarch softeners to 1" male threads and also includes a pair of 1" flexible hoses.

Product Code

HFK-28

Filling Loop



Provides a temporary connection between the boiler and the mains supply, allowing you to re-pressurise your boiling and fill the heating system.

Product Code

ZA-CHEM-FILLING-LOOP