

No space? No problem.



NEW TF1 Sigma Mini

Restricted spaces are a thing of the past with our new efficient and compact in-line system filter, for those harder to reach spaces and ideal for smaller systems.

Available in 22mm Slip Socket connection and comes with a 10-year warranty.

PRODUCT CATALOGUE

www.fernox.com

FERNOX PROTECTORS



PROTECTOR F1 Inhibits against corrosion, sludge and scale. Less packaging waste and lower environmental impact. Treats an average 100 litre system.	PROTECTOR F1 Market-leading, proven formulation. Prevents corrosion, sludge and scale. Only one bottle needed to treat domestic systems up to 130 litres.	PROTECTOR F1 EXPRESS Inhibits against corrosion, sludge and scale. Doses in 30 sec, no need to drain down the system. Ideal for servicing and maintenance work.	ANTIFREEZE PROTECTOR ALPHI-11 Combined antifreeze and inhibitor for full protection against limescale, corrosion & sludge as well as preventing freezing pipework.
Size: 265 ml Code: 62454	Size: 500 ml Code: 56599	Size: 400 ml Code: 62418	Size: 5 litre Code: 61033 Size: 25 litre Code: 23980



PROTECTOR+ FILTER FLUID F9 Proven formulation of Fernox Protector F1 combined with an active dispersant to lift and deliver system debris to a filter. Must be used with a filter.	PROTECTOR+ FILTER FLUID F9 EXPRESS Enhanced inhibitor package. Must be used with a filter. Doses in 30 sec, no need to drain down the system.
Size: 265 ml Code: 62234	Size: 400 ml Code: 62310

FERNOX
MAKES WATER WORK

NEW Fernox 265ml Range

Good things come in small bottles

FERNOX CLEANERS



CLEANER F3 Universal cleaner, removes sludge, flux and debris. Ideal for new and existing systems. Less packaging waste and lower environmental impact. Treats an average 100 litre system.	CLEANER F3 Universal cleaner, removes sludge, flux and debris. Ideal for new and existing systems. Only one bottle needed to treat domestic systems up to 130 litres.	CLEANER F3 EXPRESS Universal cleaner, removes sludge, flux and debris for new and existing systems. Doses in 30 sec, no need to drain down the system. Ideal for servicing and maintenance work.	POWER CLEANER F8 Super strength, citrate action cleaner for heavily contaminated, dirty heating systems. Only one bottle needed to treat domestic systems up to 130 litres.
Size: 265 ml Code: 62455	Size: 500 ml Code: 56600	Size: 400 ml Code: 62420	Size: 500 ml Code: 62486



DS40 DESCALER & CLEANER Powerful descaler and cleaner for central heating systems – includes 500 ml liquid neutraliser.	SYSTEM NEUTRALISER Neutraliser to be used after DS40 Descaler & Cleaner to avoid acid discharge.
Size: 2 kg Code: 62475	Size: 2 litre Code: 62482

SUPER STRENGTH FAST-ACTING RAPID RESULTS POWERFUL CITRATE CLEANER

FERNOX
MAKES WATER WORK

Central Heating Power F8 Cleaner

FAST-ACTING CITRATE ACTION
TREATS 130L
SUPER STRENGTH CLEANER FOR HEAVILY CONTAMINATED, DIRTY HEATING SYSTEMS

- Fast-acting, citrate cleaner to remove all types of debris to restore energy efficiency
- Accelerates the powerflushing and cleaning process
- Non-foaming, faster to flush from system
- Allows compliance with BS 7593:2019
- No neutraliser required

www.fernox.com

Scan here to watch the new F8 video

FERNOX SILENCERS & LEAK SEALERS



BOILER NOISE SILENCER F2

Reduces boiler noise and improves heat transfer efficiency. Only one bottle needed to treat domestic systems up to 130 litres.

130L 16x

Size: 500 ml
Code: 56602

BOILER NOISE SILENCER F2 EXPRESS

Reduces boiler noise and improves heat transfer efficiency. Doses in 30 sec, no need to drain down the system.

130L 16x 30 SEC

Size: 400 ml
Code: 62421

LEAK SEALER F4

Proven, internal leak sealer to seal small leaks and weeps to resolve pressure loss issues in sealed systems. Only one bottle needed to treat domestic systems up to 130 litres.

130L 16x

Size: 500 ml
Code: 56603

LEAK SEALER F4 EXPRESS

Proven internal leak sealer to seal small leaks and weeps to resolve pressure loss issues in sealed systems. Doses in 30 sec, no need to drain down the system.

130L 16x 30 SEC

Size: 400 ml
Code: 62422

FERNOX HEAT TRANSFER FLUIDS & TREATMENTS



HEAT TRANSFER FLUID HP-EG

A concentrated heat transfer fluid for Air & Ground Source Heat Pumps based on ethylene glycol. Designed to protect against corrosion and limescale, as well as frost protection from -10 to -33°C.

Size: 10 litre Code: 62644
Size: 20 litre Code: 62595

SOLAR S1

Inhibited heat transfer fluid for solar thermal applications. This product is effective both in the gaseous and liquid state at temperatures in excess of 180°C. Premix product.

Size: 10 litre Code: 57675
Size: 20 litre Code: 57674

SOLAR CLEANER

Concentrated, universal cleaner for solar thermal systems, by removing degraded solar heat transfer fluids, sludge and blockages. This product rapidly restores efficiency to existing solar thermal systems.

Size: 500 ml Code: 59430

TF1 ANTIFREEZE VALVES

High performance antifreeze valves designed to protect water based heat pump systems. Essential and simple to install Fernox TF1 Antifreeze Valves are developed to prevent frozen systems by detecting when the fluid in the circuit is close to freezing point.

Size: 28 mm Code: 62664
Size: 1 1/4" Code: 62665

FERNOX EXTERNAL LEAK SEALERS & COMPOUNDS



LS-X EXTERNAL LEAK SEALER

Effective, external leak sealer and jointing compound. Designed for use on hot and cold water services including potable water.

WRAS APPROVED MATERIAL

Size: 50 ml
Code: 61016

HAWK WHITE

General purpose pipe jointing compound for leak-free, threaded joints and pipework.

Size: 200 g Code: 61025
Size: 400 g Code: 61024

WATER HAWK

Jointing compound for use with hot and cold potable water.

WRAS APPROVED MATERIAL

Size: 200 g Code: 61001
Size: 400 g Code: 61023

LS-X

✓ Ideal for use on compression joints and screwed fittings

✓ Never sets rock hard, joints can easily be undone

✓ Ready to use, no mixing required

"A must have for all tool boxes!"



HEAT PUMP HP-5

Ready-to-use heat transfer fluid for Air Source Heat Pumps and underfloor heating. Provides frost protection to -5°C.

Size: 20 litre Code: 62542

HEAT PUMP HP-5c

Concentrated heat transfer fluid for Air and Ground Source Heat Pumps. Provides frost protection from -4°C to -14°C.

Size: 10 litre Code: 62543
Size: 20 litre Code: 62544

HEAT PUMP HP-15

Ready-to-use heat transfer fluid for Air and Ground Source Heat Pumps. Provides frost protection to -15°C.

Size: 20 litre Code: 62545

HEAT PUMP HP-15c

Concentrated heat transfer fluid for Air and Ground Source Heat Pumps. Provides frost protection from -14°C to -34°C.

Size: 20 litre Code: 62546

FERNOX TF1 FILTERS



TF1 SIGMA MINI FILTER

A compact high-performance system filter that utilises a powerful neodymium magnet to protect your system against the damaging effects of corrosion. It has the smallest footprint of any filter in the marketplace, which means it can be easily installed directly below a boiler or in restricted spaces on horizontal or vertical pipework.

Size: 22mm Code: 62708

TF1 SIGMA UB FILTER

This innovative filter is designed for installation horizontally under the boiler which allows easy, fast connection to concealed pipework. It has been developed for small, restricted access areas where conventional system filters cannot be fitted due to pipework configuration or a lack of space.

Size: 22 mm Code: 62631

FERNOX COMMERCIAL FILTERS

FERNOX FILTER CHEMICAL PACKS



TF1 OMEGA+ FILTER

Sealed, nickel plated brass in-line system filter suitable for larger, light commercial central heating systems. Easy to install – fits on horizontal and vertical pipework orientation.

Size: 1 ¼" BSP Code: 62375
Size: 1 ½" BSP Code: 62376

TF1 DELTA FILTER

Large volume filter for heating and cooling systems to protect key components from magnetic and non-magnetic particles.

Size: 2" Code: 62226

TF1 SIGMA FILTER INSTALLER PACK

- Pack contains:
- 1 x TF1 Sigma Filter
 - Slip Socket 22 mm
 - 1 x Protector F1 265 ml
 - 1 x Cleaner F3 265 ml

Slip Socket
Size: 22 mm Code: 62509

TF1 OMEGA FILTER INSTALLER PACK

- Pack contains:
- TF1 Omega Filter
 - 1 x Protector F1 500 ml
 - 1 x Cleaner F3 500 ml

Slip Socket
Size: 22 mm Code: 62506
265 ml
Valves
Size: 22 mm Code: 62368
500 ml



TF1 OMEGA FILTER

Sealed, high performance nickel plated brass, in-line system filter to collect magnetic and non-magnetic debris. Available with slip socket and valve connections.

Slip Socket
Size: 22 mm Code: 62248
Size: 28 mm Code: 62251
Valves
Size: 22 mm Code: 62249
Size: 28 mm Code: 62252

TF1 SIGMA FILTER

Sealed, high performance in-line system filter made from precision engineered composite polymer to collect magnetic and non-magnetic debris. Available with slip socket and valve connections.

Slip Socket
Size: 22 mm Code: 62414
Valves
Size: 22 mm Code: 62415
Size: 28 mm Code: 62417

TF1 SIGMA HP FILTER

Efficient, high-performance filter, specifically designed for Air and Ground Source Heat Pump systems.

Valves
Size: 22 mm Code: 62614
Size: 28 mm Code: 62615

TF1 TOTAL & COMPACT FILTER

Lidded design hydrocyclonic and magnetic filter. Removes and contains magnetic and non-magnetic particles. The TF1 Compact is ideal for small and restricted spaces.

TF1 Total (with Valves)
Size: 22 mm Code: 59256
Size: 28 mm Code: 59257
TF1 Compact (with Valves)
Size: 22 mm Code: 62131

FERNOX TF1 FILTER ACCESSORIES

TF1 SIGMA FILTER THERMAL COVER

Thermal cover for all TF1 Sigma Filters and pipe size connections.

Code: 62585

TF1 OMEGA FILTER THERMAL COVER

Thermal cover for all TF1 Omega Filters and pipe size connections.

Code: 62586

TF1 OMEGA+ FILTER THERMAL COVER

Thermal cover for all TF1 Omega+ Filters and pipe size connections.

Code: 62587

TF1 DELTA FILTER THERMAL COVER

Thermal cover to maximise energy efficiency.

Code: 62231

TF1 TOTAL FILTER THERMAL COVER

Thermal cover for all TF1 Total Filters all pipe size connections.

Code: 62349

TF1 SEAL AND 'O' RING KIT

- Pack contains:
- Cap 'O' ring
 - Bleed valve 'O' ring
 - 2 x valve washers for use with the lidded range of TF1 Filters.

Code: 59288

TF1 FILTER SEAL AND 'O' RING KIT

- Contains:
- 2 x Manifold 'O' rings
 - 1 x Drain valve washer.

Code: 62338



FERNOX BACTERIAL CONTROL



LP STEROX

Total disinfection to combat microbiological contaminants including legionella, pseudomonas, bacteria and algae. No need to flush the system after disinfection is complete.

LP STEROX TEST STRIPS

Designed for use with LP Sterox to measure product concentration levels, at regular intervals, during the disinfection process.

BIOCIDE F7

Disinfects and prevents bacterial contamination and fungal growth within underfloor, low temperature heating and chilled systems. Works in combination with Protector F1 for full system protection.

High efficiency, low temperature heating systems need Biocide F7. Prevents bacterial and fungal growth.

Size: 1 litre
Code: 56609

Size: 50 Strips
Code: 62726

Size: 200 ml
Code: 62393

FERNOX LIMESCALE REMOVER, SOLDER & FLUX



LIMESCALE REMOVER DS-3

Strong but environmentally friendly scale remover to remove baked-on limescale from domestic appliances and boiler heat exchangers to restore system efficiency.

POWERFLOW FLUX

The ideal flux for lead-free solder. Self-cleaning formulation.

LEAD-FREE SOLDER

Designed for all plumbing uses and manufactured to produce perfect joints quickly and effectively.

Size: 2 kg
Size: 30 kg
Code: 61027
Code: 24066

Size: 100 g
Size: 350 g
Code: 20437
Code: 20436

Size: 500g
Code: 59955



FERNOX SCALE REDUCERS



ELECTROLYTIC SCALE REDUCER

In-line scale reducer to prevent the build-up of scale using electrolytic principles. Whole house protection.

MAGNETIC SCALE REDUCER

In-line scale reducer to prevent the build-up of scale using magnetic principles. Single appliance protection for boilers.

15 mm Compression Code: 62551
22 mm Compression Code: 62552

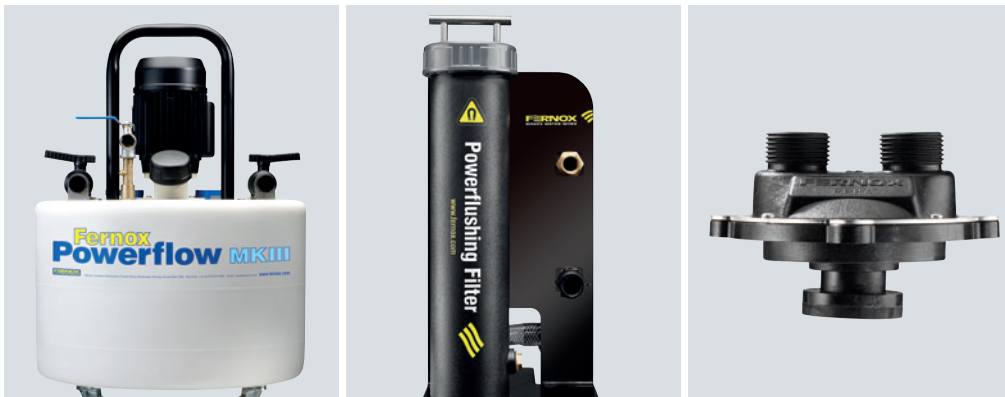
15 mm Compression Code: 58264
22 mm Compression Code: 62302

SIMPLE SOLUTION, REDUCES LIMESCALE BUILD-UP

Giving you peace of mind & household appliances a longer life



FERNOX POWERFLUSHING MACHINE & EQUIPMENT



POWERFLOW FLUSHING MACHINE MKIII

Enables the efficient flushing of a domestic central heating system to remove sludge and debris. Temperature rated up to 85°C.

POWERFLUSHING FILTER

Removes and contains contaminants from system water during powerflushing. Simple to connect, the filter significantly increases powerflushing efficiency and reduces time spent on site.

POWERFLOW PUMP HEAD ADAPTER

Easy connection of a powerflushing machine to a heating system via the body of the circulator pump. Patented product.

TF1 OMEGA FILTER FLUSHING ADAPTER

Connects to the manifold of the TF1 Omega Filter, enabling quick access to the central heating system for powerflushing.

Code: 62289

TF1 SIGMA FILTER FLUSHING ADAPTER

Can be used in conjunction with all variants of the TF1 Sigma Filter to powerflush a central heating system.

Code: 62453

TF1 FLUSHING ADAPTER

Easy connection of a Ferno Powerflow Flushing Machine to a heating system via a TF1 Filter.

Code: 59980

35 litre 240V Code: 56779
35 litre 110V Code: 56490

Code: 62084

Code: 55568

FERNOX TEST KITS



EXPRESS INHIBITOR TEST

Simple to use dip test to provide rapid on-site analysis of the concentration levels of all Fernox Protectors and other molybdate-based inhibitors. Supported by the Fernox Water Test App. Allows compliance with BS 7593:2019 and Part L Building Regs.

INSTANT SYSTEM TEST

Easy to use method of testing the system water quality at the job site. The Instant System Test allows the users to conduct three simple tests which, combined together, gives instant recommendations on how to treat the system to ensure optimum performance. The Fernox Instant System Test allows for compliance with BS 7593:2019.

TURBIDITY TUBE

Easy, on-site visual check of water.

- Maintain maximum system efficiency
- Helps prevent boiler breakdown
- Extends the lifespan of the boiler
- Quick and easy to use on-site – enables corrective action to be taken immediately
- Includes screw cap

SYSTEM WATER TEST

A simple and easy-to-use turbidity test to check the quality of system water and determine appropriate treatment to ensure the system works at optimum efficiency, and the boiler is fully protected.

- Maintain maximum system efficiency
- Helps prevent boiler breakdown
- Extends the lifespan of the boiler
- Easy to use on-site test – enables corrective action to be taken immediately

Size: 50 Strips Code: 62514	Code: 62698	Code: 62474	Code: 62254
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WATER QUALITY TEST

Laboratory sampling testing service supported by the Fernox Water Test App. Provides confirmation of correct system treatment in accordance with BS 7593:2019. The App enables monitoring and storage of test results & downloadable certification.

SYSTEM HEALTH CHECK

Paper based postal sampling service provides laboratory diagnosis of system problems. A full analysis of system water is carried out and advice on appropriate treatment is provided according to BS 7593:2019.

TOTAL DISSOLVED SOLIDS METER (TDS)

Accurate on-site assessment of effective system flushing to compare system water to mains water.

REFRACTOMETER

Easy on-site measurement of antifreeze and heat transfer fluids

- Adjustable eye piece
- Easy to use
- Quality, maintenance-free instrument

Code: 62399	Code: 61161	Code: 37641	Code: 55586
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FERNOX COMMERCIAL RANGE



PROTECTOR F1

High performance, corrosion and limescale inhibitor for HVAC systems – 0.5% dose rate.

PROTECTOR+ FILTER FLUID F9

Enhanced corrosion inhibitor with dispersant to deliver debris to a HVAC system filter – 0.5% dose rate. Must be used with a filter.

CLEANER F3

System cleaner to remove sludge, scale & installation debris in HVAC systems – 0.5% dose rate.

LEAK SEALER F4

Stops small leaks and pressure loss problems without the need for a drain down in HVAC systems – 0.5% dose rate.

 Size: 10 litre Code: 62554	 Size: 10 litre Code: 62557	 Size: 10 litre Code: 62555	 Size: 10 litre Code: 62556
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BIOCIDES F7+

High performance, multi-action biocide – works as a disinfectant and preservation agent to provide short and long-term protection to extend system longevity.

COMMERCIAL FILL WATER TEST


App-based postal laboratory test to verify the quality of mains or demineralised water used in commercial heating systems. This product complies with Table 6 of BG29/2021 BSRIA guidance.

COMMERCIAL WATER QUALITY TEST

App-based postal laboratory test to verify the quality of commercial system heating water. This product complies with Table 4 & Table 5 of BG29/2021 and Table 1 of BG50/2021 BSRIA guidance.

DS-10 DRYSIDE CLEANER

Proven dryside cleaner is ideal for use with cascade boilers with copper heat exchangers, to help restore and optimise system efficiency.

 Size: 10 litre Code: 62598	Size: 2 Tests Code: 62605	Size: 2 Tests Code: 62604	Size: 7 kg Code: 61029
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SUPER STRENGTH FAST-ACTING CITRATE CLEANER

NEUTRALISER NOT NEEDED

RAPID RESULTS



Cleans heavily contaminated central heating systems
Optimises heating efficiency by removing dirt and debris
One bottle treats 130 litres, 16 radiators
and 250 sqm of underfloor system

Scan here to watch
the new F8 video



FERNOX
MAKES WATER WORK



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