

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.

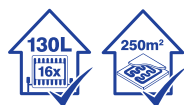


Size: 265 ml
Code: 62454



PROTECTOR F1

Market-leading, proven formulation. Prevents corrosion, sludge and scale. Only one bottle needed to treat domestic systems up to 130 litres.

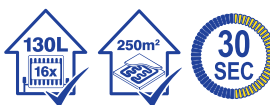


Size: 500 ml
Code: 56599



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.



Size: 400 ml
Code: 62418



ANTIFREEZE PROTECTOR ALPHI-11

Combined antifreeze and inhibitor for full protection against limescale, corrosion & sludge as well as preventing freezing pipework.



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.



Size: 500 ml
Code: 62234



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: 400 ml
Code: 62310

FERNOX
MAKES WATER WORK

NEW Fernox 265ml Range

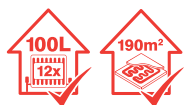
Good things come in small bottles

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.



Size: 265 ml
Code: 62455



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.

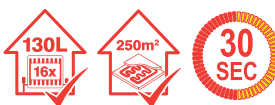


Size: 500 ml
Code: 56600



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.



Size: 400 ml
Code: 62420



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: 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

Click HERE to watch the new F8 video

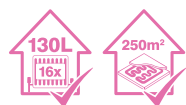
Scan here to watch the new F8 video

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.



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.

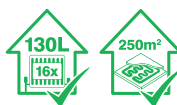


Size: 400 ml
Code: 62421



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.

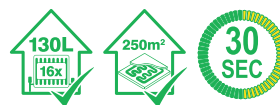


Size: 500 ml
Code: 56603



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.



Size: 400 ml
Code: 62422

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.



Size: 50 ml
Code: 61016



HAWK WHITE

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



WATER HAWK

Jointing compound for use with hot and cold potable water.



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



- ✓ 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!”

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



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



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.



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.



TF1 SIGMA HP FILTER

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



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.

Slip Socket

Size: 22 mm **Code:** 62248
Size: 28 mm **Code:** 62251

Valves

Size: 22 mm **Code:** 62249
Size: 28 mm **Code:** 62252

Slip Socket

Size: 22 mm **Code:** 62414

Valves

Size: 22 mm **Code:** 62415
Size: 28 mm **Code:** 62417

Valves

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

TF1 Total (with Valves)

Size: 22 mm **Code:** 59256
Size: 28 mm **Code:** 59257

TF1 Compact (with Valves)

Size: 22 mm **Code:** 62131

FERNOX COMMERCIAL FILTERS



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: 1¼" BSP **Code:** 62375
Size: 1½" 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

FERNOX FILTER CHEMICAL PACKS



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

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.

Size: 1 litre
Code: 56609



LP STEROX TEST STRIPS

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

Size: 50 Strips
Code: 62726



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.

Size: 200 ml
Code: 62393

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



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.

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



POWERFLOW FLUX

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



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



LEAD-FREE SOLDER

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

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.

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



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: 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.

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



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.

Code: 62084



POWERFLOW PUMP HEAD ADAPTER

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

Code: 55568

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

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.

Size: 50 Strips
Code: 62514



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.

Code: 62698



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

Code: 62474



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

Code: 62254



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.

Code: 62399



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.

Code: 61161



TOTAL DISSOLVED SOLIDS METER (TDS)

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

Code: 37641



REFRACTOMETER

Easy on-site measurement of antifreeze and heat transfer fluids

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

Code: 55586

FERNOX COMMERCIAL RANGE

DOSAGE
0.5%



PROTECTOR F1

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



Size: 10 litre
Code: 62554



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.



Size: 10 litre
Code: 62557



CLEANER F3

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



Size: 10 litre
Code: 62555



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: 62556



BIOCIDE F7+

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



Size: 10 litre
Code: 62598



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: 7 kg
Code: 61029

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

Click [here](#) to watch the new F8 video

Scan here
to watch the
new F8 video



FERNOX
MAKES WATER WORK



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