

FERNOX
MAKES WATER WORK



PRODUCT CATALOG



www.fernox.com



Product range

Established in 1964, Fernox has pioneered the development and acceptance of the important role of water treatment in maintaining and improving the efficiency of heating systems. Fernox's innovative approach and extensive R&D capability has secured its place as the global market leader for chemical water treatment, filtration devices and equipment as well as test analysis and diagnostic services.



Product testing & Accreditations

Fernox operates a strict policy of corporate responsibility which promotes best practice and prohibits animal testing. Its chemical products significantly exceed industry standards and have been awarded approvals and accreditations by Energy Savings Trust Registered, KIWA, WRAS, Belgaqua and Buildcert.

Research & Development

Fernox has a unique and dedicated R&D and Technical Services offering, which reflects the changing requirements and growing technological demands of the industry. At the forefront of innovation, Fernox benefits from 13 R&D Technical centres across the globe which are manned by highly qualified, experienced scientists and engineers.



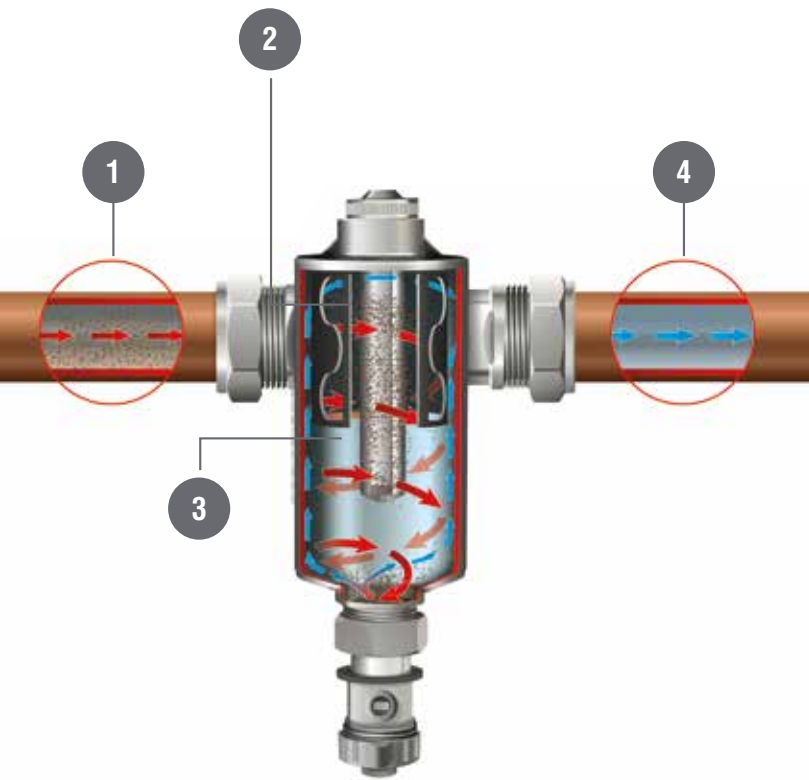
Our customers

Fernox, is passionate about providing its customers with market leading products and an unrivalled service to help grow their businesses. With over 50 years of experience and millions of satisfied customers worldwide, history speaks for itself.



FERNOX TF1 OMEGA FILTER

HOW IT WORKS...



- 1 Contaminated system water enters the filter.

2 Particle separator plates disrupt the flow to allow contaminants to settle at the base of the filter for safe removal via the drain valve.
- 3 Hydronic Particle Separation technology optimises flow trajectories into the base of the filter and the powerful Neodymium magnet collects sludge and magnetite.

4 Clean system water leaves the filter.



FERNOX CATALOGUE

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FERNOX WATER TREATMENT EXPLAINED...

WHAT IS WATER TREATMENT?

Pioneered by Fernox in 1964, chemical water treatment was developed as a method of dealing with dirty, inefficient central heating systems. Used to clean and protect the internal components of a wet central heating system, chemical water treatments provide energy and cost saving benefits to homeowners.

Chemical cleaners and inhibitors (which protect against debris formation) are essential to maintaining and improving a central heating system's efficiency and lifespan.

WHY DO YOU NEED WATER TREATMENT?

When central heating system water comes into direct contact with the metal system components, a chemical reaction takes place. Resulting in the formation of corrosion deposits, limescale and sludge, the build-up of debris has a detrimental impact on boiler efficiency and longevity. For example, common problems include radiator cold spots, a noisy boiler and blockages, which can ultimately result in system failure.

By using chemical water treatments, the system can be thoroughly cleaned removing any existing debris, and then inhibited, to protect the system against future debris formation.

WHAT ARE THE BENEFITS?

The correct use of chemical water treatments can significantly enhance and maintain a central heating system's performance, energy efficiency and lifespan.

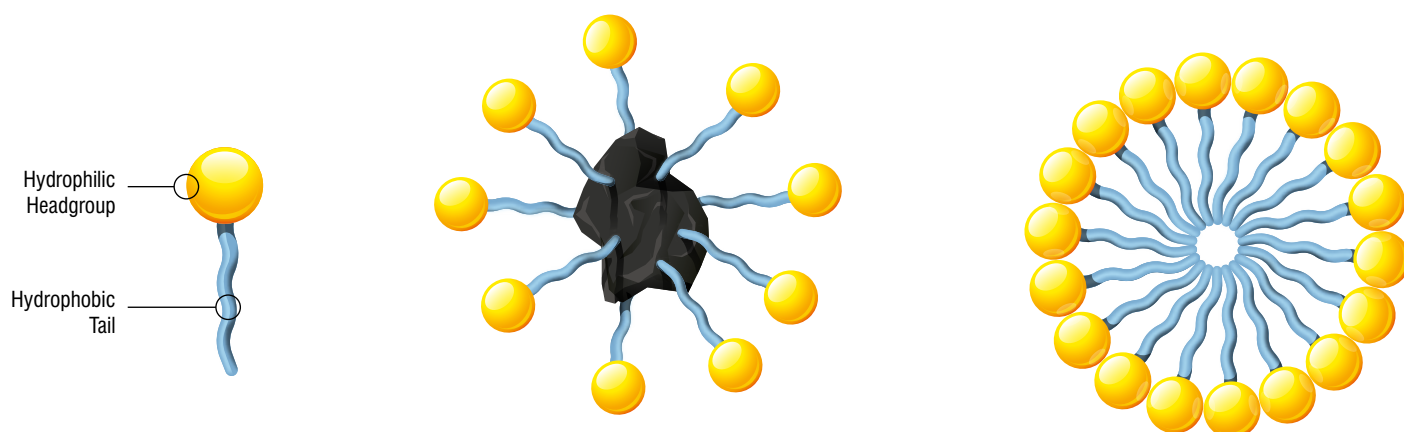
Independently verified tests have proven that by using Fernox Cleaner F3 followed by Fernox Protector F1, system efficiency can be restored and provide gas savings of up to 15%. In addition, the use of an inhibitor alone can increase boiler efficiency by approximately 3%.

WHY USE FERNOX?

For more than 50 years, Fernox products have led the way for market-leading quality, efficacy, innovation and reliability.

A tried and trusted brand amongst installers and professional gas engineers, Fernox award-winning chemical water treatments offer a superior level of system cleaning and protection.

Constantly innovating and pushing the boundaries of the sector to improve and maintain central heating system energy efficiency, Fernox regularly develops and launches new products, such as the recently launched precision-engineered TF1 Omega Filter.



FERNOX PROTECTORS

Fernox Protectors and inhibitors give long-term protection to central heating systems against internal corrosion and scale formation.

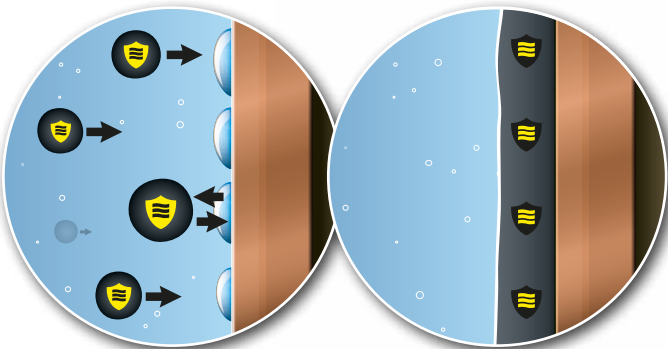
THE FERNOX INHIBITOR RANGE PREVENTS THE CORROSION OF:

- Stainless steel ■ Mild steels ■ Malleable iron ■ Copper ■ Brass
- Soft and hard soldered joints ■ Aluminium

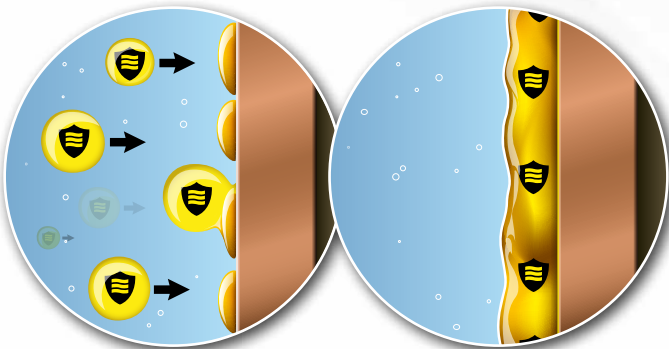
Fernox inhibitors are suitable for all types of boilers, radiators and pipework systems and are compatible with all materials in a heating system. There is no risk of damage to the system by exceeding the recommended dose but full protection can be compromised if the system is under dosed.

WHY USE A FERNOX INHIBITOR?
Chemical Protectors and inhibitors give long-term protection to central heating systems against internal corrosion and scale formation.

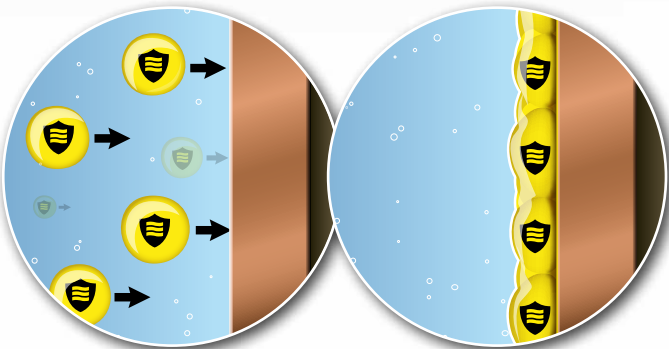
- The Fernox Protector inhibitor range prevents corrosion occurring in central heating systems...
- To avoid system breakdown and inefficiencies caused by sludge, dirt and debris by providing long lasting protection against corrosion and scale in mixed metal central heating systems
 - To save energy. For domestic systems, results show that Fernox Protector F1 when used in conjunction with Fernox Cleaner F3, gas savings of up to 15% can be achieved every time a room is heated up.
 - To avoid the build-up of gas which can result in the frequent need to vent radiators
 - To prevent sticking pumps and boiler noise caused by corrosion
 - To prevent cold spots in radiators by avoiding gas and magnetite build-up
 - All Fernox Protector/inhibitor products are non-toxic and environmentally friendly formulation



Cathodic inhibitors
Metals in the water react with water and form deposits on the cathode metal surface.



Anodic inhibitors
React with metal ions on the anode and create an insoluble and protective film e.g. nitrates and molybdates.



Organic inhibitors
Adsorb onto metal surfaces and provide a hydrophobic, protective film over the metal.

FERNOX PROTECTORS / INHIBITORS



SEE HOW FERNOX INHIBITORS WORK ON YOUTUBE



FERNOX PROTECTOR F1

Fernox Protector F1 is the market leading inhibitor which protects against corrosion and limescale formation in domestic central heating systems. Available in 1 pint liquid bottle and 13fl oz Express aerosol canister formats. Protector F1 is suitable for use with all metals and materials commonly used in heating systems. For long-term protection ensure concentration levels are maintained and checked annually as part of the boiler or system service. Protector F1 is compatible with all other Fernox products.

FERNOX PROTECTOR F1 EXPRESS

FERNOX HVAC PROTECTOR F1

This proven central heating system inhibitor is suitable for all mixed metal, light commercial and HVAC heating and cooling systems. It provides long-term protection against corrosion, sludge, limescale build-up and bacterial contamination. It has been awarded approvals and accreditations from ESTR, BuildCert, KIWA and Belgauqua for its effective and environmentally friendly formulation.

FERNOX FILTER FLUID+ PROTECTOR

Developed for use with the Fernox TF1 Filter range and other system filters, Filter Fluid+ Protector is an enhanced inhibitor and dispersant package. Specifically formulated to lift corrosion deposits and contaminants within central heating systems to deliver the debris directly to a Fernox TF1 System Filter it allows the fast removal and containment. Importantly, it also provides the long-term protection of domestic central heating systems against corrosion and limescale formation.

FERNOX FILTER FLUID+ PROTECTOR EXPRESS



Fernox Protector F1

Size: **1 pint**
Code: **57880**



Fernox Protector F1 Express

Size: **13 fl oz**
Code: **62436**



Fernox HVAC Protector F1

Size: **2.6 gallons** Code: **59700**
Size: **55 gallons** Code: **59851**



HOW TO CHECK THE FORMULATION...

To check inhibitor levels use the Fernox Protector Test Kit, System Water Test or Water Analysis Test Kit, more information on Fernox test kits can be found on pages 30.



Fernox Filter Fluid+ Protector

Size: **1 pint**
Code: **62234**



Fernox Filter Fluid+ Protector Express

Size: **13 fl oz**
Code: **62310**

FERNOX ANTIFREEZE PROTECTORS



SEE HOW FERNOX ANTIFREEZE PROTECTORS WORK ON YOUTUBE



3 IN 1 SOLUTION



Nonfood Compounds
(HT2)

Fernox Antifreeze Protector Alpha-11 Fernox Antifreeze Protector Alpha-11 is a combined antifreeze and inhibitor which is formulated to be the premier choice of engineers and installation professionals.

Certified by the NFS you are guaranteed that the product meets strict standards for public health protection. In order to gain the certification **Antifreeze Protector Alpha-11** and Fernox have demonstrated that they comply with the standards and procedures imposed by the NSF. From extensive product testing and material analyses to unannounced plant inspections, every aspect of a product's development is thoroughly evaluated before it can earn a certification.

Offering long-term protection against internal corrosion and limescale deposition in commercial heating and chilled water hydronic systems, the product's performance and environmental credentials are first class. Compatible with all metals and materials commonly used in heating systems including aluminum, Antifreeze Protector Alpha-11 is proven to work efficiently and has been tried and tested on thousands of installations worldwide.

- Central heating antifreeze with corrosion and limescale inhibitors
- Protects against frost damage
- Non-toxic and non-volatile formulation
- Only for use in fully indirect systems
- Compatible with all metals and materials commonly used in central heating systems. Use with regular on-site tap water. Antifreeze Protector Alpha-11 will buffer pH and hardness even on aluminum.



You do not need to use de-ionized water with Fernox Alpha-11, just regular tap water!



FERNOX ANTIFREEZE PROTECTOR ALPHI-11

For long-term protection ensure concentration levels are maintained and checked annually as part of the boiler or system service. Antifreeze Protector Alpha-11 is compatible with all other Fernox chemical products.

Concentration	25%	30%	35%	40%	50%
Protection	12.2°F	8.6°F	1.4°F	-7.6°F	-29.2°F
Burst point deg F	0	-20	-40	-60	-80

Fernox Antifreeze Protector Alpha-11

Size: **55 gallons**
Code: **155738-0055**

Fernox Antifreeze Protector Alpha-11

Size: **5 gallons**
Code: **155738-0005**

HOW TO CHECK THE FORMULATION...

To check Antifreeze levels use the Fernox Refractometer, more information can be found on page 31.



FERNOX CLEANERS

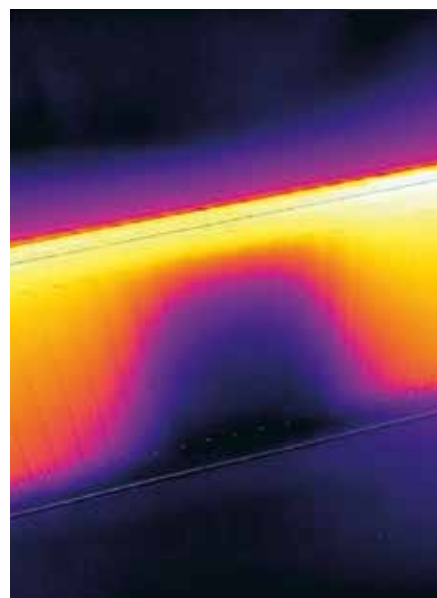
The Fernox Cleaner range are universal cleaners which are ideal for pre-commission new systems to remove solder and flux left after installation or to remove sludge and debris from existing systems.

WHY USE A FERNOX CLEANER?

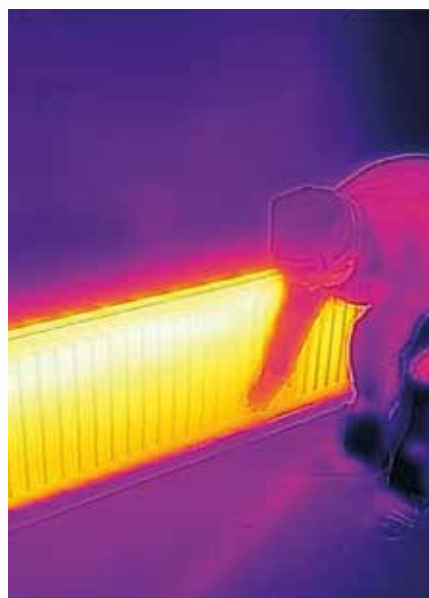
- To remove sludge, loosen scale and other debris to restore heating efficiency of existing systems
- For domestic systems, results show that when used with Fernox Protector F1, gas savings of up to 15% can be achieved every time you heat up a room
- Fernox products are compatible with materials commonly used in heating systems: stainless steels, mild steels, malleable iron, copper, brass, soft and hard soldered joints and aluminium
- They are easy to use, and the system can be left running normally during cleaning
- They are suitable for use with all known, domestic powerflushing machines
- They comprise a neutral, non-hazardous formulation

Before and after cleaning

Before



After



FERNOX CLEANERS



FERNOX
CLEANER F3

FERNOX
CLEANER F3 EXPRESS

Cleaner F3 is an effective, universal pH neutral cleaner. It removes sludge, scale and debris from existing central heating systems to restore heating efficiency and eliminate boiler noise. When commissioning new systems Cleaner F3 removes flux residues and other debris to help extend the life of the boiler and the efficiency of the system.



Fernox Cleaner F3

Size: **1 pint**
Code: **57882**



Fernox Cleaner F3 Express

Size: **13 fl oz**
Code: **62437**



FERNOX
HVAC CLEANER F3

FERNOX
DS40 DESCALER AND
SYSTEM CLEANER

A multi-purpose, universal cleaner, HVAC Cleaner F3 can be used for pre-commissioning new, larger domestic or light commercial installations as well as removing sludge and limescale from existing systems. It protects against boiler damage and system breakdown.

A fast-acting, citric based acid cleaner which is designed to remove limescale magnetite or black sludge and other system contaminants. Ideal for use when powerflushing, it can also be used to descale a heat exchanger or boiler component separately.



Fernox HVAC Cleaner F3

Size: **2.6 gallons** Code: **59701**
Size: **55 gallons** Code: **59852**



Fernox DS40 System Cleaner

Size: **4 lbs** Code: **62077**
Size: **50 lbs** Code: **58511**

FERNOX FILTERS

THE FERNOX TF1 FILTERS are unique in-line system filters that combine hydrocyclonic action or HPS technology with specially designed magnet assemblies, to remove both magnetic and non-magnetic contaminants from central heating system water and contain them safely within the filter.

WHAT ARE THE BENEFITS OF USING A TF1 FILTER?
A TF1 Filter collects corrosion and installation debris to prevent damage to the boiler from circulating debris; to maintain system efficiency and to avoid the inconvenience of a breakdown as well as the cost of a major repair or replacement.



TF1 Total Filter
See page 21



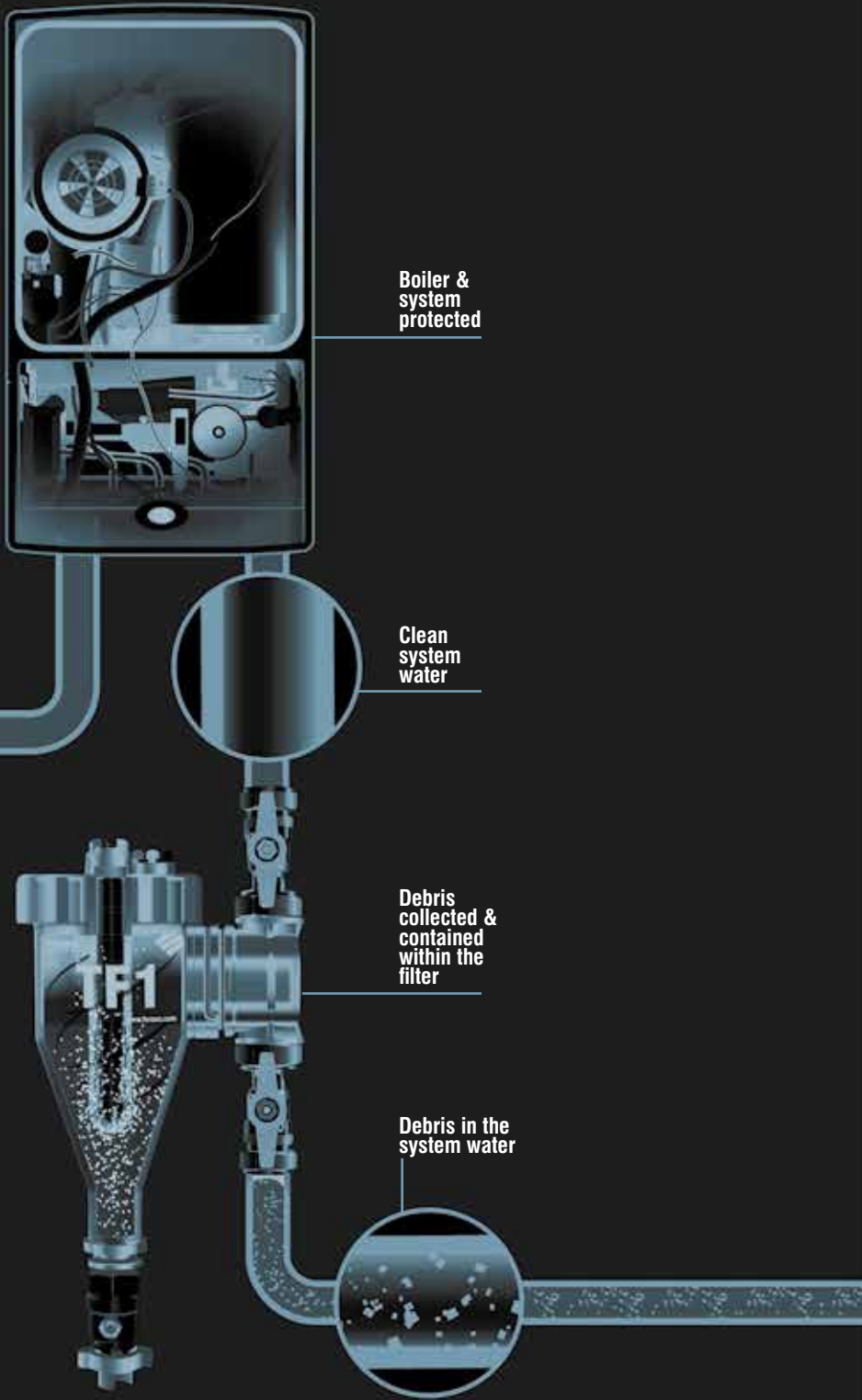
TF1 Omega Filter
See page 22-23



TF1 Delta Filter
See page 24-25

FITTING A SYSTEM FILTER

Installing a filter provides ultimate system protection. Fernox TF1 Filters have been designed to remove any magnetic and non-magnetic debris that is circulating in the system water before it reaches and damages the boiler.



FERNOX TF1 TOTAL FILTER 1" SWEAT VALVE

A high performance in-line system filter, which uses hydrocyclonic and magnetic action to remove all types of contaminants from central heating system water.

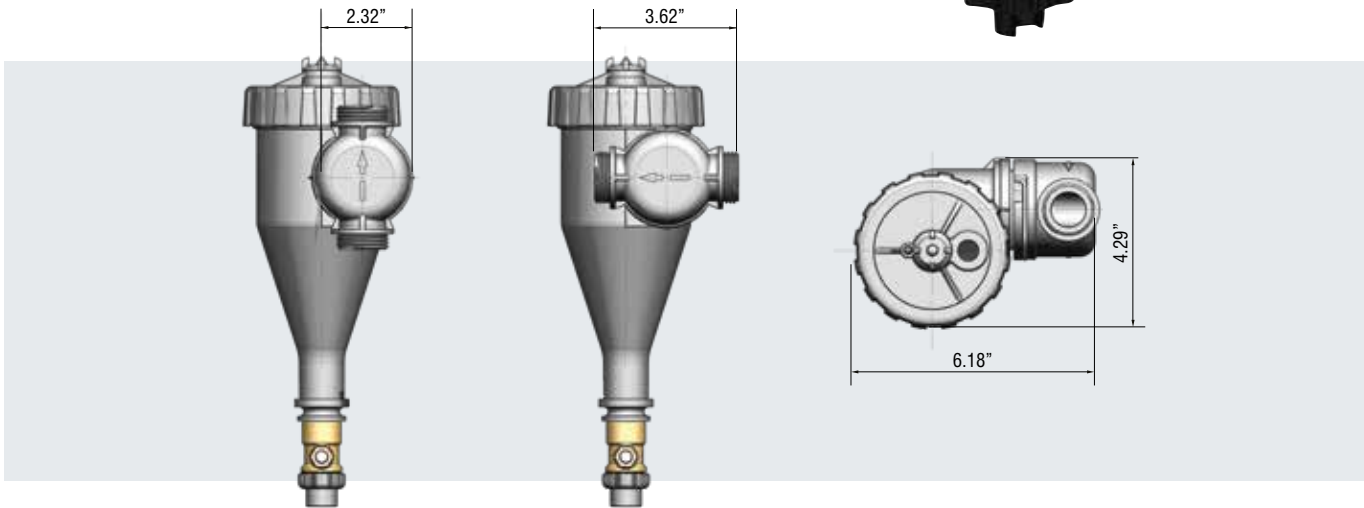


Product Specifications

- Maximum operating temperature: 212°F
- Maximum operating pressure: 43.5 psi
- Maximum flow rate: 13.2 gallons/min
- Magnetic characteristics: 9000 Gauss Neodymium magnet assembly
- Body material: Glass fibre reinforced nylon plastic

Dimensions and weight

- Height: 11.34"
- Width: 6.18"
- Depth: 4.29"



Pressure Loss Data

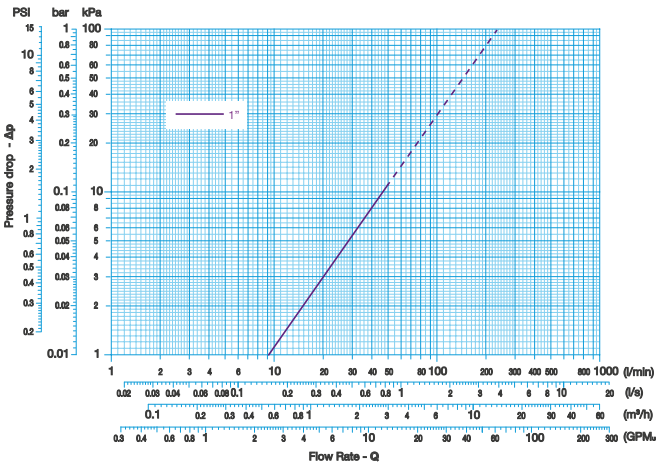
The graph (right) shows the pressure loss in kPa over the TF1 Total Filter under different flow rates. An average domestic central heating system flow rate of 3.3 gal./m (0.005 gals./s) would result in a pressure drop over the TF1 Total Filter of 1.0kPa or 0.145psi or 0.01 bar.

TF1 Total Filter 1" Sweat Valve

Size: 1" Code: 60003

TF1 Seal and 'O' Ring Kit

Contains Cap 'O' ring, Bleed Valve 'O' ring and 2 x Valve washers
Code: 59288



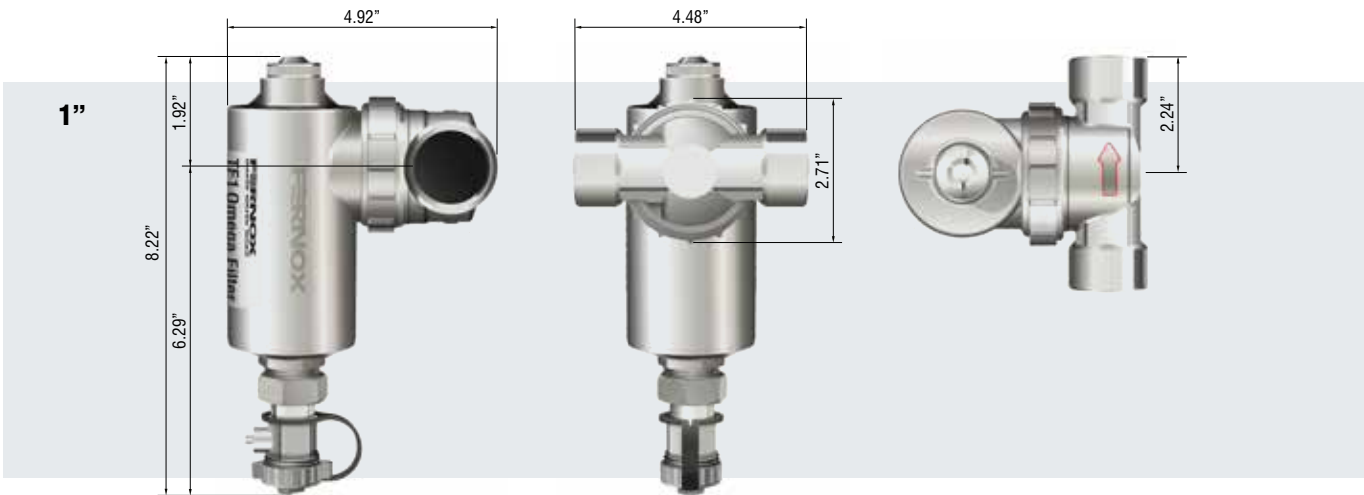
FERNOX TF1 OMEGA FILTER 1" NPT

The TF1 Omega Filter is a high performance, easy to clean system filter that uses Hydronic Particle Separation and magnetic filtration to remove contaminants from central heating system water.

Specifications and weight

1"

- Maximum operating temperature: 212°F
- Maximum operating pressure: 145 psi
- Maximum flow rate: 13.2 gallons/min
- Magnetic characteristics: Powerful neodymium magnetic assembly
- Drain valve characteristics: Easy to install with multiple orientation capability
- Filter material: Tough, forged brass construction with nickel plating. Compatible with EN 12165-CW617N-M



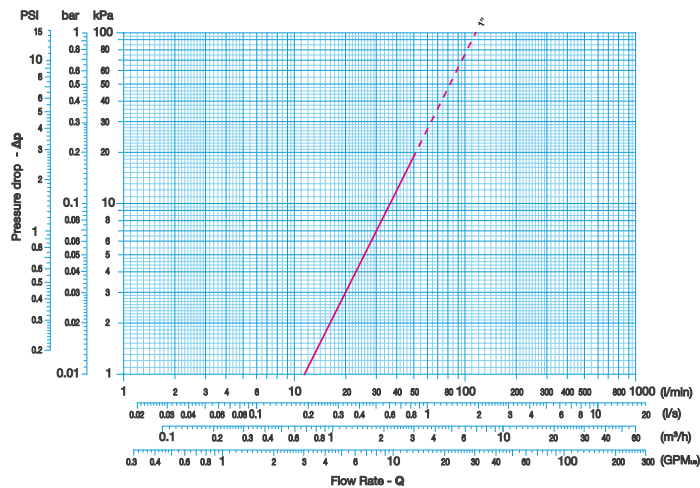
Pressure Loss Data

The graph (right) shows the pressure loss in kPa over the TF1 Omega Filter under different flow rates.

Fernox TF1 Omega Filter 1" NPT

Size: 1"

Code: 62294



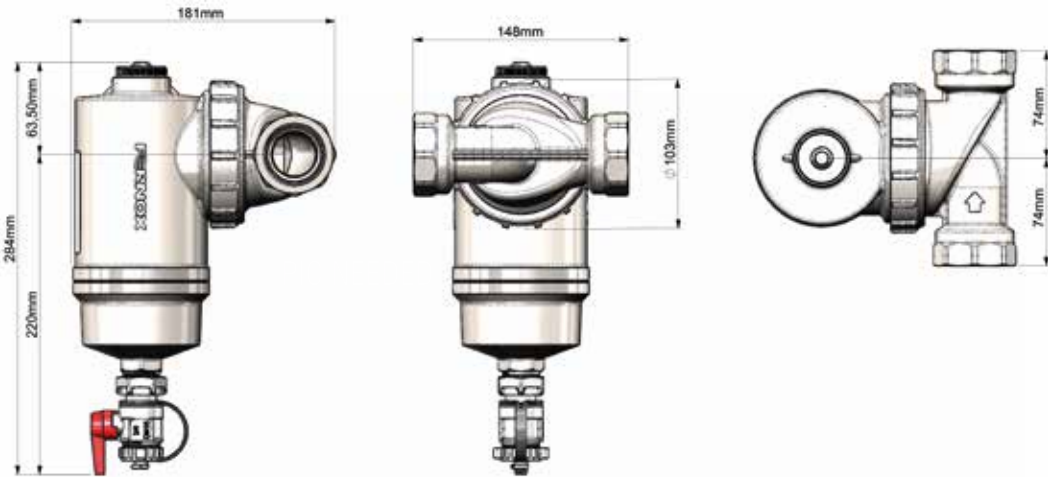
FERNOX TF1 OMEGA+ FILTER

This secure and durable, high performance filter, is simple to clean and service, and utilises unique Hydronic Particle Separation and magnetic filtration to remove system debris from large HVAC systems.

Specifications and weight

1 1/4" & 1 1/2"

- Maximum working temperature: 32°F – 212°F
- Maximum working pressure: 10bar (145 psi)
- Maximum flow rate: TF1 Omega+ 1 1/4 – 80 L/M
TF1 Omega+ 1 1/2 – 100 L/M
- Filter material: Tough, forged brass construction with nickel plating
Compatible with EN 12165-CW617N-M
- Capture rate: Up to 100% of system contaminates
- TF1 Omega+ 1 1/4: 175 Ounces
- TF1 Omega+ 1 1/2: 170 Ounces



Fernox TF1 Omega+ Filter

Size: 1 1/4" NPT Code: 62373

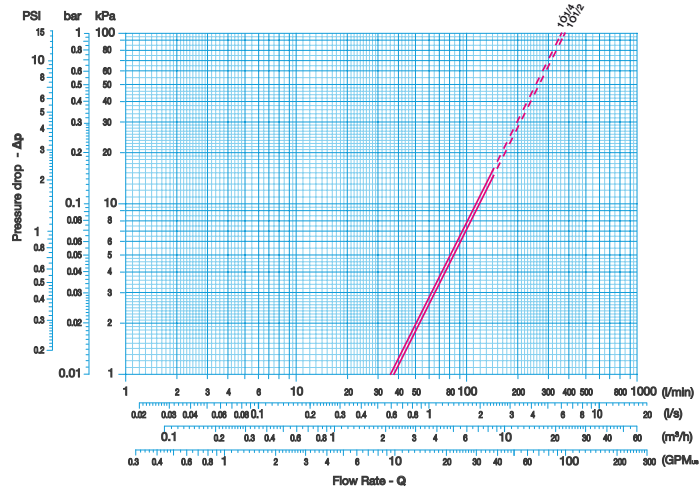
Size: 1 1/2" NPT Code: 62374

Size: 1 1/4" BSPT Code: 62375

Size: 1 1/2" BSP Code: 62376

Pressure Loss Data

The graph (right) shows the pressure loss in kPa over the TF1 Omega Filter under different flow rates.



FERNOX TF1 DELTA FILTER

Designed for large volume heating and cooling systems to protect key components from magnetic & non-magnetic debris and to remove trapped air from system water. The TF1 Delta Filter is made from solid brass and has dual radial seals to ensure a high performance specification. The filter is suitable for use with new and existing installations.

- Optimum performance with magnetic and hydrocyclonic filtration
- Fast and easy to install close to the wall (with minimal pipe alterations necessary)
- Fits horizontal and vertical pipework in both flow directions
- Fast and easy to clean without dismantling the filter
- Maximum working pressure of 16 bar (232 psi)
- Automatic Air Vent with Auto Shut-off Valve 12 bar (174 psi)
- High grade, high temperature rated neodymium magnet

Specifications

- | | |
|--------------------|---|
| ■ Internal Volume: | 0.84 Gallons |
| ■ Max Flow Rate: | 53 US gallons/min |
| ■ Max Temperature: | 248°F |
| ■ Max Pressure: | 232 psi |
| ■ Drain Valve: | 3/4" x 1" BSP (ISO 228) |
| ■ Filter Seals: | EPDM Peroxide cured |
| ■ Material: | High quality, nickel-plated, machined brass alloy |

Weight

- | | |
|----------------|------------------------------------|
| ■ 2" USA Valve | Filter weight only
17kg (38lbs) |
|----------------|------------------------------------|

Fernox TF1 Delta Filter
Size: **2" USA** Code: **62227**

FERNOX TF1 DELTA THERMAL COVER

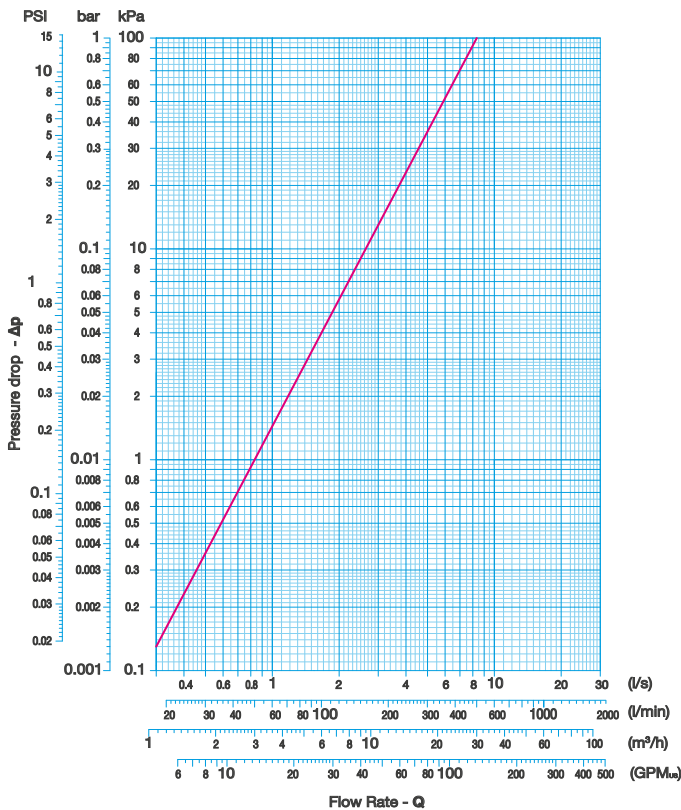
Fire resistant thermal cover to minimise heat loss.

Fernox TF1 Delta Thermal Cover
Code: **62231**

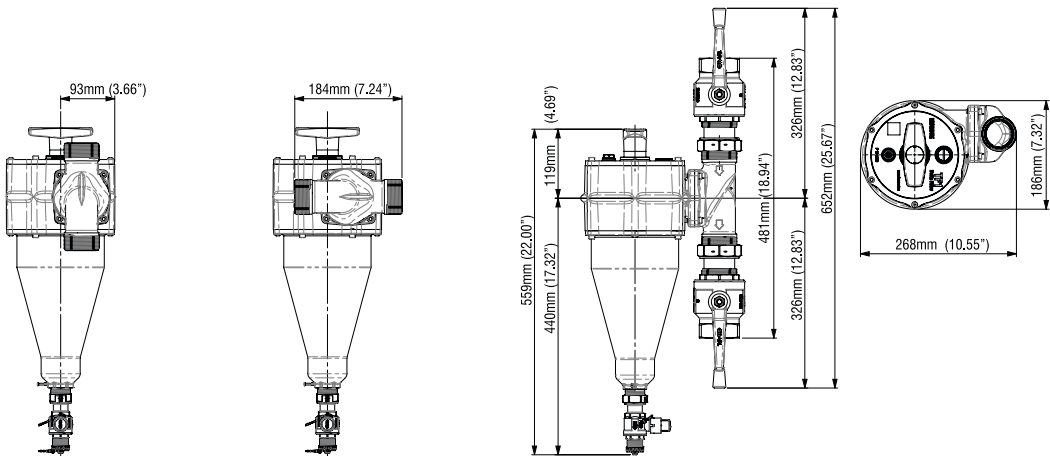


Pressure Loss Data

The TF1 Delta Filter has been hydrostatically tested according to the Pressure Equipment Directive 97/23/EC at 24 bars (348 psi) for a PN16 rating.

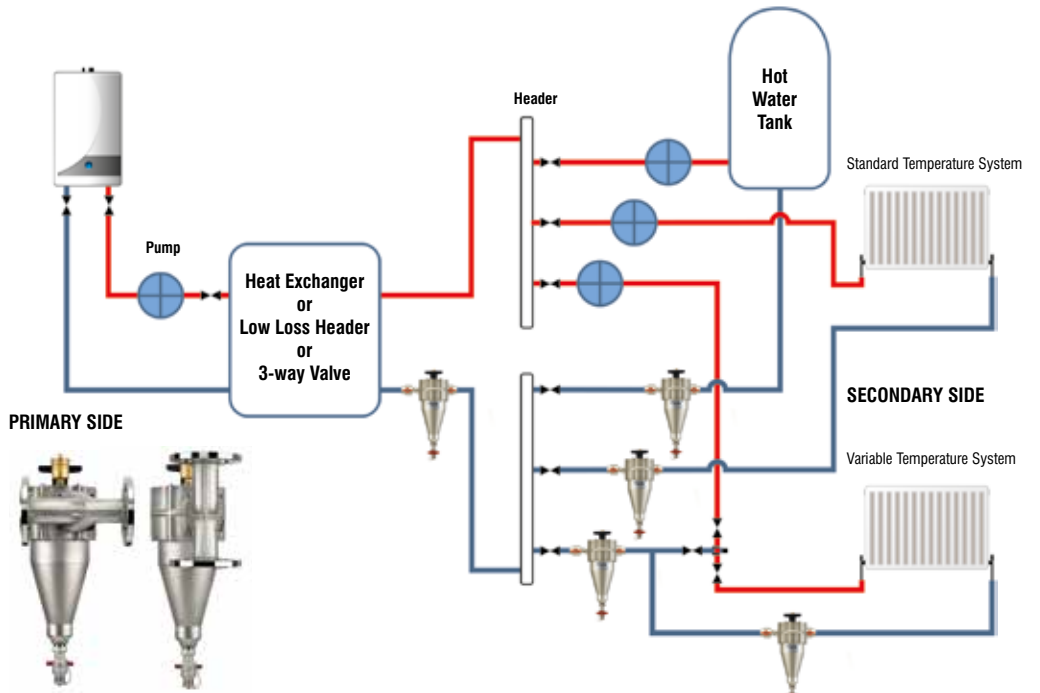


2" USA Valve BSPP (ISO 228) Female Valves



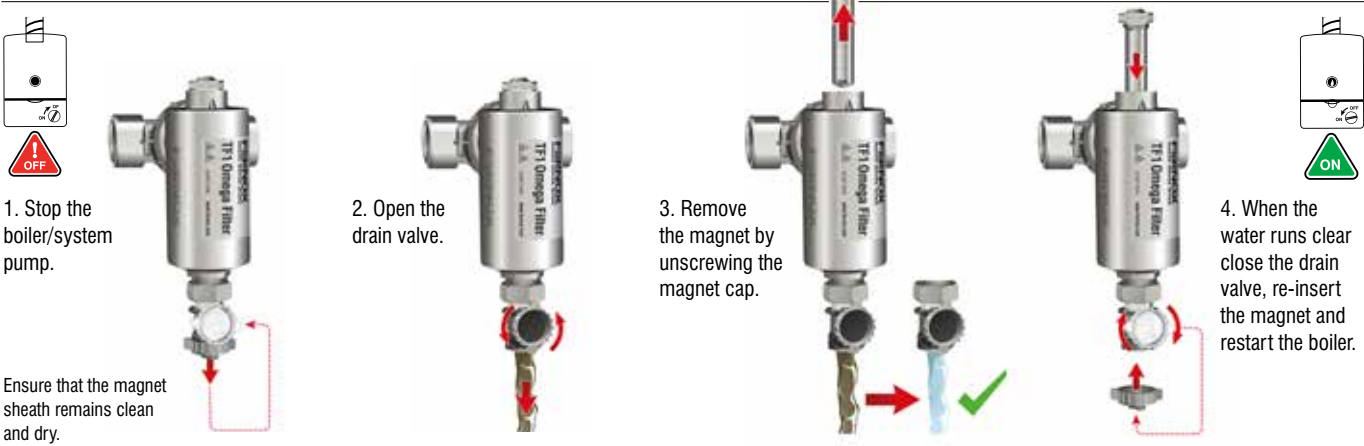
Filter Positioning within the System

For flow rates above 200L/min (53 US Gallons) use a bypass system. To optimise filtration of the system, fit the TF1 Delta Filter on the return pipework to the Heat Exchanger, Low Loss Header or 3-way Valve.

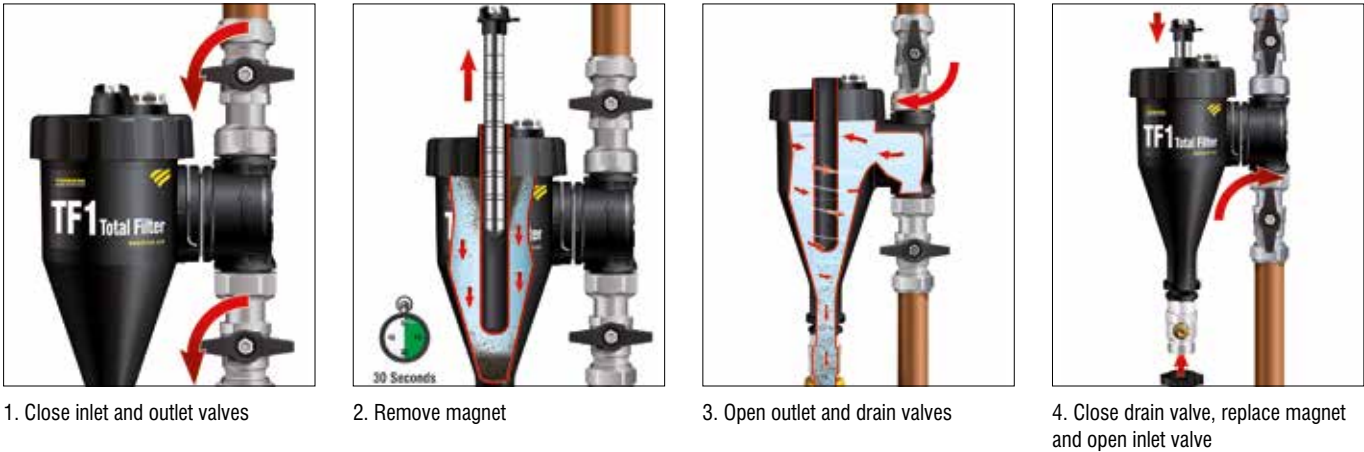




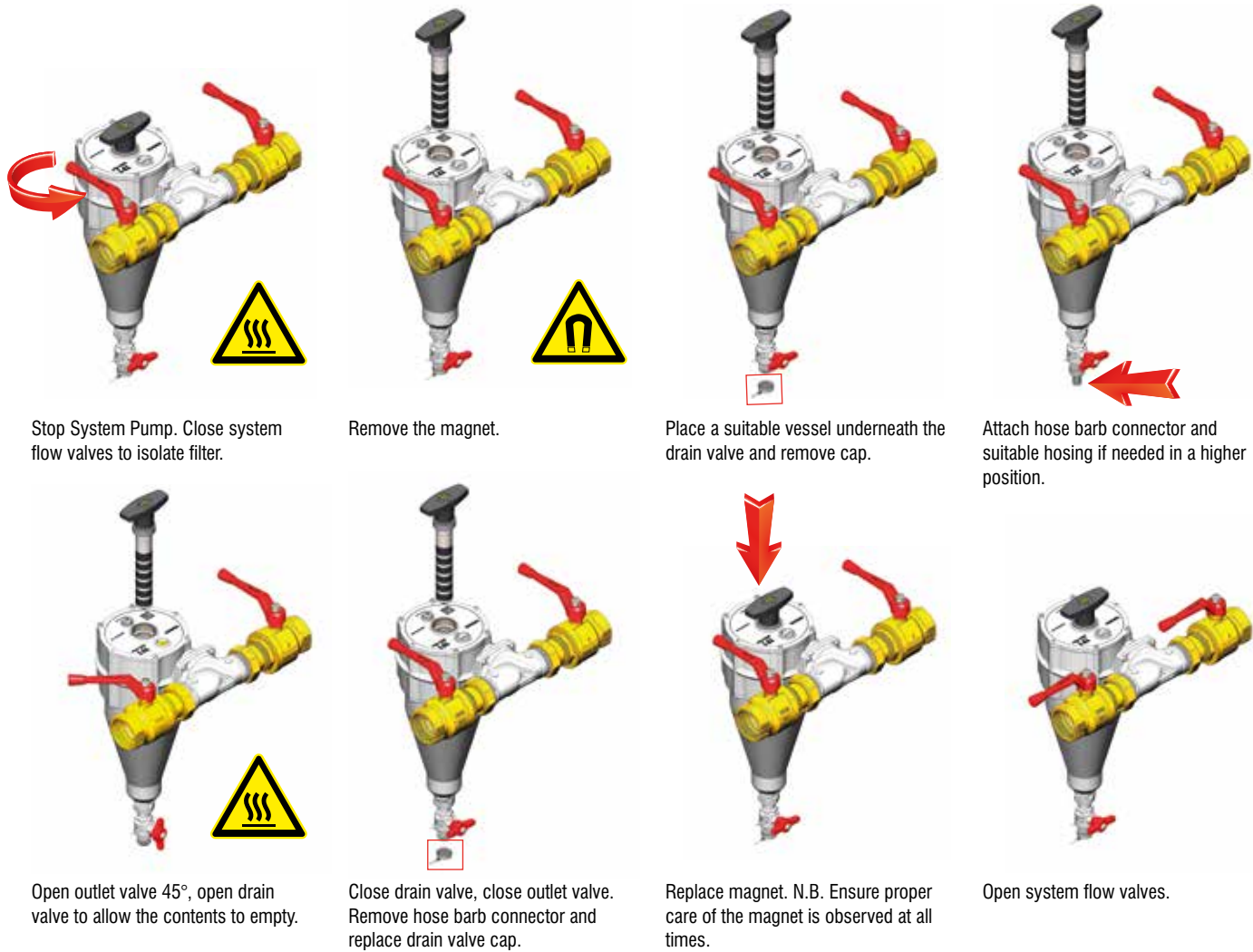
TF1 Omega Filter Cleaning Guide



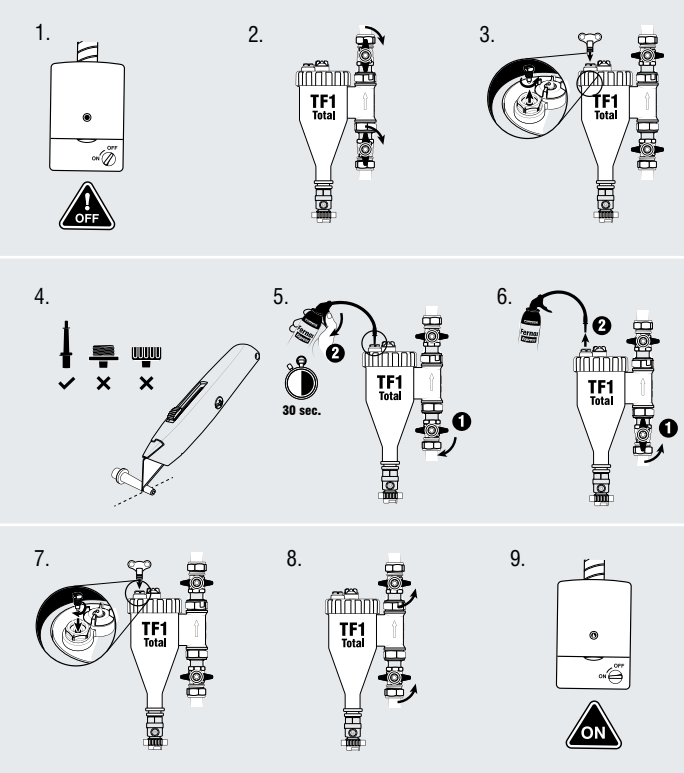
TF1 Total & TF1 Compact Filter Cleaning Guide



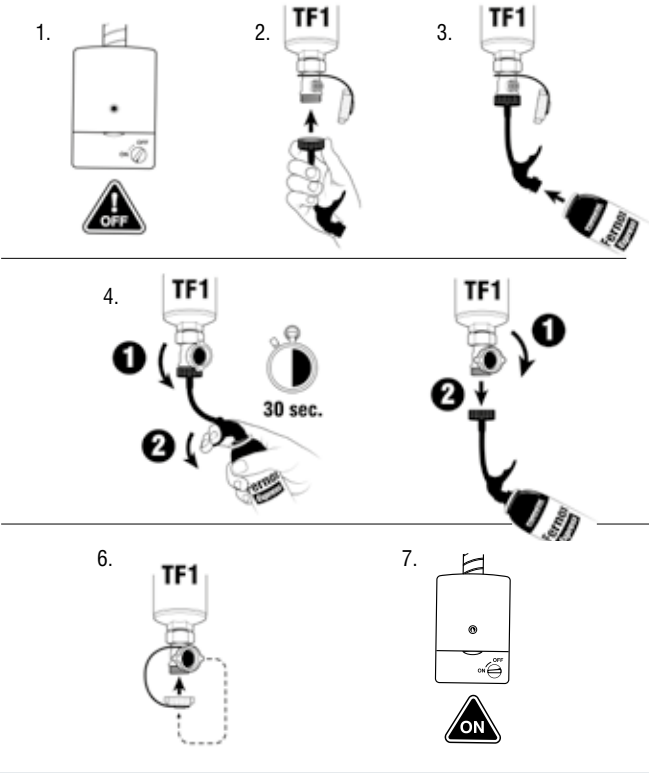
TF1 Delta Filter Cleaning Guide



TF1 Total & TF1 Compact Filter Dosing Guide



TF1 Omega Filter Dosing Guide



FERNOX LEAK SEALER

Fernox Leak Sealer F4 is used in domestic central heating systems to seal small, inaccessible leaks.

WHY USE FERNOX LEAK SEALER F4?

Fernox Leak Sealer F4 is used in domestic heating systems for sealing small inaccessible leaks. Fernox Leak Sealer F4 works best in warm/hot circulating water once dispersed evenly in the system water it is effective within 1 - 24 hours. The sealing efficiency of Fernox Leak Sealer F4 has been formulated to prevent blockage of safety devices and pumps. Pressure loss within a central heating system is often due to small leaks, weeping joints or pitted pipework produced as a result of internal corrosion within the system. Notoriously difficult to find and seal an internal leak sealer is able seek out and seal microscopic holes effectively.

- Ideal for reducing pressure loss from sealed systems
- Seeks out and seals most weeps and leaks
- Does not cause blockages of pumps and air vents
- Easily and quickly added via one of the radiators
- Ideal for pressurised systems and combination boilers



FERNOX LEAK SEALER F4



Fernox Leak Sealer F4

Size: **1 pint**
Code: **57883**

FERNOX LEAK SEALER F4 EXPRESS



Fernox Leak Sealer F4 Express

Size: **13 fl oz**
Code: **62438**

 WATCH HOW LEAK SEALER WORKS ON YOUTUBE



FERNOX BOILER NOISE SILENCER

Fernox Boiler Noise Silencer F2 helps to reduce boiler noise and improve heat transfer efficiency.

WHY USE FERNOX BOILER NOISE SILENCER?

Boiler Noise Silencer F2 is designed to reduce boiler noise and kettling which is a symptom of a scaled system. It is ideal for use with all types of boilers and is compatible with all metals and materials commonly used in systems including aluminium. It manages the symptoms of a scaled system until it can be thoroughly cleaned and inhibited correctly.

- Reduces boiler noise
- Improves heat transfer efficiency
- Compatible with all Fernox Protectors
- Non-toxic, environmentally friendly
- Can be left in the system permanently
- It is suitable for all types of boiler, including combination boilers and boilers containing aluminum components.
- Compatible with all metals and materials commonly used in central heating systems

One pack is sufficient to treat a typical central heating system. Too much treatment will not cause problems and is preferable to insufficient dosing. Severe noise may require more than one application.



FERNOX BOILER NOISE SILENCER F2



Fernox Boiler Noise Silencer F2

Size: **1 pint**
Code: **57881**

FERNOX BOILER NOISE SILENCER F2 EXPRESS



Fernox Boiler Noise Silencer F2 Express

Size: **13 fl oz**
Code: **59901**



FERNOX TEST KITS

The accurate analysis of system water and correct use of water treatment is vital when commissioning, servicing and providing long term protection for a central heating system. Fernox has an unrivalled range of simple to use on-site tests as well as comprehensive, laboratory testing to meet the installer, householder, contractor and boiler manufacturer requirements.



FERNOX UNIVERSAL TEST KIT

The Fernox Universal Test Kit provides a rapid on-site analysis of the major water parameters that can affect the life span of a central heating system. It includes all equipment and reagents required to determine chloride, copper, iron, hardness, pH and Fernox Protector levels, with easy to use colour charts and simple drop tests.

Fernox Universal Test Kit

Size: **N/A**
Code: **62464**

FERNOX SYSTEM WATER TEST

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

Fernox System Water Test

Size: **N/A**
Code: **62254**

FERNOX PROTECTOR TEST KIT

The Fernox Protector Test Kit provides a rapid on-site analysis of the concentration of all Fernox Protectors in central heating system water, and is designed to test 25 systems. Easy and intuitive to use, it is a simple and accurate testing method to establish the strength of an inhibitor within the system to ensure the correct level of protection.

Fernox Protector Test Kit

Size: **N/A**
Code: **57879**

FERNOX TOTAL DISSOLVED SOLIDS METER (TDS)

This microprocessor TDS meter provides a rapid and accurate test for determining the concentration of total dissolved solids (TDS) in system and mains waters. The unit is easy to use and helps to confirm whether a system has been correctly flushed following a chemical clean. Additionally, the Fernox TDS meter can detect the concentration levels of certain inhibitors in a system but for a more accurate diagnosis the Protector Test Kit is recommended.

Fernox Total Dissolved Solids Meter (TDS)

Size: **N/A**
Code: **57875**

FERNOX REFRACTOMETER

This easy-to-use antifreeze testing instrument uses an adjustable eye piece to measure refracted light given off by all glycol-based antifreezes, to determine the concentration of treatment present in the system.

Fernox Refractometer

Size: **N/A**
Code: **55586**

FERNOX POWERFLUSHING

Powerflushing is the most efficient and effective method of cleaning a central heating system. It is the most thorough way to remove sludge, dirty water and debris. Powerflushing tackles the whole system flushing out the scale, sludge and rust that is lodged at the bottom of radiators and in pipework - restoring the central heating system to optimum condition.

WHY USE FERNOX POWERFLUSHING MACHINE?

The Powerflushing Machine is a powerflushing machine which uses a targeted, powerful fresh water flow to remove sludge, scale and debris quickly and thoroughly from existing and contaminated domestic central heating systems. It is compatible for use with all Fernox Cleaners. After just one site-visit, the boiler's optimum energy efficiency rating and overall system performance level can be restored; eliminating boiler noise and minimising fuel consumption.

Fernox Powerflushing Machine

Size: **N/A** Code: **240190**



FERNOX COMMERCIAL CHEMICALS

The Fernox Light commercial range has been developed to service larger buildings such as hospitals and care homes where any system inefficiency or breakdown can have a critical impact on the safe operation of the building or can result in lost productivity or manufacturing time when it comes to business properties. Compared to domestic heating systems, the failure of light commercial installations affects more people, causing greater inconvenience, loss of earnings as well as higher maintenance and repair costs.

Generally such systems have to operate with minimal interruption and planned maintenance downtime. Any maintenance or servicing work is scheduled to minimise disruption and inconvenience. All light commercial systems should be correctly treated during installation to prevent future problems and maintain system efficiency.

THE FERNOX COMMERCIAL RANGE:

- Optimizes performance levels to ensure the system runs efficiently in compliance with the new installation and manufacturer's stated level of operation
- Offers protection to vital, vulnerable and costly components within the heating system
- Maximizes the system's efficiency ensuring fuel bills are minimized
- Reduces the likelihood and frequency of system breakdowns as a result of contaminated system water



FERNOX FC1 INHIBITOR

Fernox FC1 Inhibitor protects against internal corrosion and limescale formation in mixed metal, light commercial and HVAC heating and cooling systems. This product ensures system efficiency and longevity, and is compatible with all other Fernox commercial chemicals. The recommended in-use concentration of the product is 1%.



Fernox FC1 Inhibitor

Size: **5 gallons**
Code: **62223**



FERNOX FC1 FILTER FLUID+ INHIBITOR

For use with the TF1 Delta filter or other in-line system filters, this inhibitor package includes an active dispersant which is proven to aid the safe collection of corrosion debris and scale to a filter. In doing so, this product enhances the performance of a system filter. This unique product extends system life and maintains optimum efficiency, while still being an environmentally friendly formulation. The recommended in-use concentration of the product is 1%.



Fernox FC1 Filter Fluid+ Inhibitor

Size: **5 gallons**
Code: **62225**



FERNOX FC3 CLEANER

Fernox FC3 Cleaner can be used for pre-commissioning new installations as well as removing sludge and loose scale in existing systems, to improve efficiency levels. Ideal for larger light commercial and HVAC applications, this product is compatible with all commonly used metals and materials found in central heating systems. The recommended in-use concentration of the product is 1%.



Fernox HVAC Cleaner F3

Size: **5 gallons**
Code: **62224**

FERNOX

Established in 1964, **Fernox** has pioneered the development and acceptance of the uniquely important role of water treatment in maintaining and improving the efficiency of heating systems. The company's **innovative** approach and **extensive R&D capability** has secured its place as the global market leader for chemical water treatment, filtration

devices and equipment as well as test analysis and diagnostic services. At **Fernox**, we are passionate about providing our customers with cutting edge products and an unrivalled service to help grow their businesses. With over **50 years** of experience and **millions of satisfied customers**, history speaks for itself...



1964	1971	1973	1987	2000	2002	2007	2008	2009	2010	2012	2013	2014	2017	2018	2019
Fernox is founded by Mr Peter Muetzel	Fernox promoted through plumber's merchants	MB-1 Inhibitor first introduced	SQUID – the first flushing machine for domestic heating systems	The first postal water testing service	MK1 Powerflow Flushing Pump hits the shelves	The Fernox Academy opens, offering training and conference facilities	Express range – ultra concentrated aerosol product range	Fernox TF1 Total Filter is launched	Fernox Installer's Club is launched	Fernox TF1 Compact is launched	Fernox e-learning Academy goes live	New commercial range is developed – TF1 Delta Filter & chemicals	Ground-breaking Filter Fluid+ Protector and the Fernox 360° Clean are developed	The Fernox TF1 Omega Filter	Introducing the Fernox TF1 Omega Filter+





FERNOX
MAKES WATER WORK

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