



PRODUCT CATALOGUE



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



1964

Fernox is founded by Mr Peter Muetzel

1971

Fernox promoted through plumbers' merchants

1973

MB-1 Inhibitor first introduced

1987

SQUID – the first flushing machine for domestic heating systems

2000

The first postal water testing service

2002

MK1 Powerflow Flushing Pump hits the shelves

2006

The Fernox range of 500ml water treatment chemicals is launched

2007

The **Fernox Academy** opens, offering training and conference facilities



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...



2008

Fernox Express range of aerosol products is launched

2009

Fernox TF1 Total Filter is launched

2012

Fernox TF1 Compact Filter is launched

2013

Fernox e-learning Academy goes live

2014

The new commercial range is developed including **TF1 Delta Filter** and chemicals

2016

The **Fernox TF1 Omega Filter** and new and improved **Scale Reducer** range is launched

2018

Water Quality Test Kit & App launched

2019

The game-changing, sealed, plastic **TF1 Sigma Filter** is launched





Seal the Deal! with your customer

Sealed, in-line system filter made from precision engineered composite polymer.

No ongoing hidden expenses with replacement 'O-rings' over the life of the system.

Easy to install, clean & service = less time on-site.



- Ideal for use with Protector+ Filter Fluid enhanced inhibitor
- Quality valves or slip socket connection
- Rapid dosing with Fernox Express products

Part of the TF1 Sealed Filter range



PROTECTORS

- **Fernox** inhibitors offer best-in-class, long-term protection against corrosion & scale
- Available in **three** applications to suit any job
- **Proven** quality market leading formulations

PROTECTORS	PRODUCT DESCRIPTION	SIZE	CODE
Protector MB-1		4L	23992
Protector F1 (liquid)	Protects against corrosion and limescale in central heating system 	500 ml	56599
Protector F1 Express (aerosol)		400ml	62418
Superconcentrate Protector F1 Box (cartridge)		290ml	56700
Protector+ Filter Fluid (liquid)	Proven inhibitor Fernox Protector F1 combined with an active dispersant to improve the performance of any filter 	500ml	62234
Protector+ Filter Fluid Express (aerosol)		400ml	62310
Alphi-11 Antifreeze Protector	Antifreeze and Protector combined	5L 25L	61033 23980



FILTER FLUID + PROTECTOR 500ml
Code: 62234

FILTER FLUID + PROTECTOR EXPRESS 400ml
Code: 62310

PROTECTOR F1 500ml
Code: 56599

PROTECTOR F1 EXPRESS 400ml
Code: 62418

ALPHI-11 ANTIFREEZE PROTECTOR
Code: 61033



CLEANER F3 500ml
Code: 56600

CLEANER F3 EXPRESS 400ml
Code: 62420

CLEANERS

- **Fast** acting, powerful cleaners
- Non-foaming for **speedy** removal from the system
- Even the dirtiest systems cleaned **saving time** on-site

CLEANERS	PRODUCT DESCRIPTION	SIZE	CODE
Cleaner F3 (liquid)	Removes sludge, flux and debris from new and existing systems to restore efficiency	500ml	56600
Superconcentrate Cleaner F3 (cartridge)		290ml	56701
Cleaner F3 Express (aerosol)		400ml	62420
Powerflushing Cleaner F5 (liquid)	Heavy duty sludge remover for heavily contaminated systems. Ideal for use during powerflushing	1L	56608
DS40 System Cleaner	Descaler and cleaner for domestic central heating systems (includes 400g of neutraliser)	1.9kg	61102

MAGNETIC FILTERS

- **Quick** and easy to fit – saving time on-site
- Cleaned in **seconds** – no need to dismantle the filter
- Supplied with **best quality** valves, as standard
- Powerful, **high performing** magnet

	PRODUCT DESCRIPTION	SIZE	CODE
TF1 Sigma Filter (with Slip Socket)	A sealed, precision-engineered, in-line system filter made from a composite polymer plastic. The TF1 Sigma Filter offers the choice of slip socket or valve product and all filters in range come with a 10 year warranty	22mm	62414
TF1 Sigma Filter (with Valves)		22mm 28mm	62415 62417
TF1 Sigma Filter Installer's Pack (with Slip Socket)	Contains 1x TF1 Sigma Filter, 1x Protector F1 500ml and 1x Cleaner F3 500ml	22mm	62416
TF1 Total Filter	Award-winning hydrocyclonic and magnetic in-line system filter. The TF1 Compact Filter size makes the filter perfect for installations where space is tight or access to the boiler is restricted	22mm 28mm	59256 59257
TF1 Compact Filter		22mm	62131
TF1 Omega Filter (with Slip Socket)	High performance, brass in-line system filter, with powerful Neodymium magnet and Hydronic Particle Separation to remove both magnetic and non-magnetic particles. Fast to install and easy to clean. 25 year body parts warranty	22mm 28mm	62248 62251
TF1 Omega Filter (with Valves)		22mm 28mm	62249 62252
TF1 Omega Installer's Pack (with Slip Socket)	Contains 1 x TF1 Omega Filter 22mm Slip Socket, 1 x Protector F1 500ml and 1 x Cleaner F3 500ml.	22mm	62367
TF1 Omega Installer's Pack (with Valves)	Contains 1 x TF1 Omega Filter 22mm with valves, 1 x Protector F1 500ml and 1 x Cleaner F3 500ml.	22mm	62368
TF1 Seal and 'O' Ring Kit	Contains Cap 'O' ring, Bleed Valve 'O' ring and 2 x Valve washers	-	59288

Hydronic Particle Separation
TECHNOLOGY



Don't forget your Protector+ Filter Fluid for ultimate system protection



BOILER NOISE SILENCERS



BOILER NOISE SILENCER F2
500ml Code: 56602

BOILER NOISE SILENCER F2 EXPRESS
400ml Code: 62421

CENTRAL HEATING REPAIR PRODUCTS	PRODUCT DESCRIPTION	SIZE	CODE
Boiler Noise Silencer F2 (liquid)	Stops boiler noise fast by improving heat transfer efficiency	500ml	56602
Boiler Noise Silencer F2 Express (aerosol)		400ml	62421

LEAK SEALERS



LEAK SEALER F4 500 ml
Code: 56603

LEAK SEALER F4 EXPRESS
400ml Code: 62422

CENTRAL HEATING LEAK SEALERS	PRODUCT DESCRIPTION	SIZE	CODE
Leak Sealer F4 (liquid)	Tried and trusted leak sealers that seal small leaks and weeps helping to solve pressure loss in sealed systems	500ml	56603
Leak Sealer F4 Express (aerosol)		400ml	62422
Superconcentrate Leak Sealer F4 (cartridge)		290ml	56703



PLUMBING PRODUCTS AND JOINTING COMPOUNDS



LS-X
Code: 61016




WATER HAWK
Code: 61001 / 61023

PLUMBING PRODUCTS & JOINTING COMPOUNDS	PRODUCT DESCRIPTION	SIZE	CODE
LS-X External Leak Sealer	External leak sealer and jointing compound combined 	50ml	61016
Hawk White	General purpose jointing compound	200g 400g	61025 61024
Water Hawk	Potable water jointing compound 	200g 400g	61001 61023

SOLDER AND FLUX



POWERFLOW FLUX
Code: 20437 / 20436

CENTRAL HEATING REPAIR PRODUCTS	PRODUCT DESCRIPTION	SIZE	CODE
Solder	Leaded Lead-free	- -	- -
Powerflow Flux	Self-cleaning soldering flux 	100g 350g	20437 20436

DISINFECTANTS AND BACTERIAL CONTROL



Biocide F7
Code: 62393

DISINFECTION AND BACTERIAL CONTROL	PRODUCT DESCRIPTION	SIZE	CODE
LP Sterox	Total disinfection to combat microbiological contaminants including legionella, pseudomonas, bacteria and algae	1L	56609
LP Sterox Test Strips	Test strips for use with LP Sterox	50 strips	56726
Sterox (tablets)	Chlorinating Kit	345g	61013
Biocide F7	Prevents bacterial contamination in domestic central heating systems and chilled water	200ml	62393

TEST KITS



SYSTEM WATER TEST
Code: 62254

TEST KITS	PRODUCT DESCRIPTION	CODE
Protector Test Kit	Tests for Fernox Protector inhibitor products only including Alpha-11 Antifreeze Protector	37906
Water Analysis Test Kit	Rapid on-site analysis of central heating system water	38983
Water Quality Test Postal Sampling	Paperless smart phone driven postal sampling service which provides validation for system condition after cleaning or treatment.	62399
System Health Check Postal Sampling	Postal laboratory water testing service	61161
System Water Test	A handy, on-site visual test for central heating system water	62254
Total Dissolved Solids Meter (TDS)	Accurate on-site assessment of effective system flushing	37641
Refractometer	A simple, on-site test for antifreeze concentration	55586

WATER QUALITY TEST KIT
Code: 62399



REFRACTOMETER
Code: 55586



LIMESCALE REMEDIES



DS-3
Code: 61027 / 24066

LIMESCALE REMEDIES	PRODUCT DESCRIPTION	SIZE	CODE
Limescale Remover DS-3	Scale remover for domestic appliances to restore efficiency	2kg 30kg	61027 24066
Superconcentrate Limescale Preventer	Prevents build-up of limescale throughout the home	450g	61015

EQUIPMENT



POWERFLOW FLUSHING MACHINE MKIII
Code: 56779



ELECTROLYTIC SCALE REDUCER
Code: 58263

EQUIPMENT	PRODUCT DESCRIPTION	SIZE	CODE
Powerflow Flushing Machine MKIII	Enables the efficient flushing of a domestic central heating system to remove sludge and debris	35L	56779
Powerflushing Filter	Minimises time spent on-site. Removes and contains contaminants from system water during powerflushing	-	62084
TF1 Sigma Flushing Adapter	Easy connection of a Ferrox Powerflow Flushing Machine to a heating system via a TF1 Sigma Filter	-	62453
TF1 Flushing Adapter	Easy connection of a Ferrox Powerflow Flushing Machine to a heating system via a TF1 Total or Compact Filter	-	59980
TF1 Omega Filter Flushing Adapter	Easy connection of a Ferrox Powerflow Flushing Machine to a heating system via a TF1 Omega Filter	-	62289
Powerflow Pump Head Adapter	Easy connection of a powerflushing machine to a heating system	-	55568
Electrolytic Scale Reducer Push fit	In-line scale reducer to prevent the build-up of scale using electrolytic principles	15mm	62303
Electrolytic Scale Reducer Compression		15mm 22mm	58263 62304
Magnetic Scale Reducer Push fit	In-line scale reducer to prevent the build-up of scale using magnetic principles	15mm	62301
Magnetic Scale Reducer Compression		15mm 22mm	58264 62302
MaxMag	Magnetic roller used to agitate sludge in radiators	-	62134


RENEWABLE TECHNOLOGIES



SOLAR S1
Code: 57675



HEAT PUMP HP-5
Code: 58995

HEAT TRANSFER FLUIDS	PRODUCT DESCRIPTION	SIZE	CODE
Solar S1 Protector	Inhibited heat transfer fluid for solar thermal applications. Premix formulation 	10L	57675
		20L	57674
		25L	57673
Heat Pump HP-5	Ready-to-use heat transfer fluid for Air & Ground Source Heat Pumps and underfloor heating	20L	58995
		25L	58996
Heat Pump HP-5c	Concentrated heat transfer fluid for Air and Ground Source Heat Pumps	10L	58997
		25L	59378
Heat Pump HP-15	Ready-to-use heat transfer fluid for Air and Ground Source Heat Pumps	20L	58998
		25L	58999
Heat Pump HP-15c	Concentrated heat transfer fluid for Air and Ground Source Heat Pumps	20L	59002
		25L	59003
ADDITIONAL PRODUCTS	PRODUCT DESCRIPTION	SIZE	CODE
Solar Cleaner C	Concentrated universal cleaner for solar systems	500ml	59430
HP Cleaner	Cleaner and disinfectant for closed loop ground source Heat Pumps	1L	59182
		10L	59183

COMMERCIAL RANGE






- High performance commercial product range to **restore and optimise system efficiency**
- **Maximum longevity** for large volume commercial heating and cooling installations
- TF1 Delta Filter optimises system performance & **protects** against system breakdown



TF1 DELTA FILTER
Codes: 62226



TF1 OMEGA+ FILTER
Codes: 62375 / 62376

HVAC COMMERCIAL PRODUCTS	PRODUCT DESCRIPTION	SIZE	CODE
HVAC Protector F1	Protects against corrosion and limescale in HVAC system 	10L	57572
FC1 Inhibitor	Market leading inhibitor with a proven track record in system protection – 1% dosage rate 	20L	62223
FC1 Filter Fluid+ Inhibitor	Innovative inhibitor package that includes an active dispersant, designed to work with any commercial filter – 1% dosage rate 	20L	62225
HVAC Cleaner F3	Removes sludge, flux and debris from new and existing HVAC systems to restore efficiency	10L	57573
FC3 Cleaner	Universal, powerful chemical cleaner. Nitrite, Nitrate, EDTA and Phosphate free – 1% dosage rate	20L	62224
Antifreeze Protector Alphi-11	Antifreeze and Protector combined 	25L	23980
DS-10 Dryside Cleaner	Dryside cleaner for modular boilers and heat exchangers	7kg	61029
TF1 Delta Filter	High performance, triple action 2" BSP nickel-plated brass light commercial filter	With valves	62226
TF1 Delta Filter Thermal Cover	Fire resistant thermal cover to maximise energy efficiency	-	62231
TF1 Omega+ Filter	Using unique Hydronic Particle Separation and magnetic filtration technology to remove system debris from light-commercial heating systems 	1 ¼" BSP	62375
		1 ½" BSP	62376

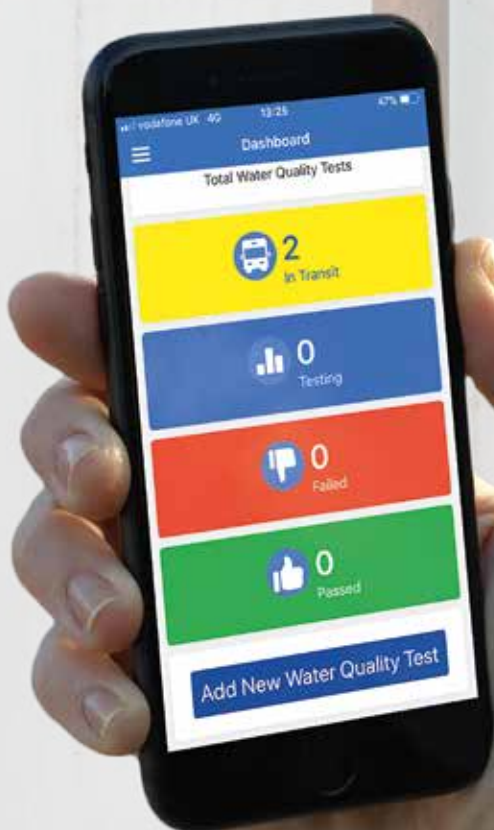


ANTIFREEZE PROTECTOR ALPHI-11
Code: 23980

FC3 CLEANER
Code: 62224

FC1 FILTER FLUID+ INHIBITOR
Code: 62225

FC1 INHIBITOR
Code: 62223



EASE, SPEED & CONVENIENCE AT YOUR FINGERTIPS

Water Quality Test App

- Submit samples, monitor status and receive results at the touch of a screen
- Tests for 5 key criteria for water quality

Download the app at: www.fernox.com/wqt





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