

# THE COMPLETE HVAC WATER TREATMENT SOLUTION



Made in  
USA



Dosing in  
30 secs



PRODUCT CATALOG

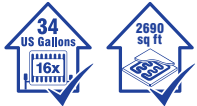
[www.fernox.us](http://www.fernox.us)

# FERNOX PROTECTORS/INHIBITORS



## PROTECTOR F1

Market-leading, proven formulation. Prevents corrosion, sludge and scale. Only one bottle needed to treat domestic systems up to 34 US Gallons.



**Size:** 1 pint (500ml)  
**Code:** 57880



## 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:** 13 fl oz (400ml)  
**Code:** 62673



## PROTECTOR+ FILTER FLUID F9 EXPRESS

Unique inhibitor package with dispersant lifts and delivers debris in the system to the filter while protecting against future corrosion and scale.



**Size:** 13 fl oz (400ml)  
**Code:** 62712



## EXPRESS BOILER COMMISSIONING KIT

Handy pack contains:

- 1 x Protector F1 13 fl oz
- 1 x Cleaner F3 13 fl oz
- pH strips x 4
- Express Inhibitor Test strips x 2

**Code:** 62089



## BOILER COMMISSIONING KIT

Handy pack contains:

- 1 x Protector F1 1 pint
- 1 x Cleaner F3 1 pint
- pH strips x 4
- Express Inhibitor Test strips x 2

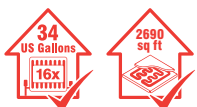
**Code:** 59480

# FERNOX CLEANERS



## CLEANER F3

Universal cleaner, removes sludge, flux and debris. Ideal for new and existing hydronic heating systems. Only one bottle needed to treat domestic systems up to 34 US Gallons.



**Size:** 1 Pint (500ml)  
**Code:** 57882



## 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:** 13 fl oz (400ml)  
**Code:** 62675



## DS40 DESCALER & CLEANER

Powerful descaler and cleaner for DHW and hydronic central heating systems – includes 1 pint (500ml) liquid Neutralizer.

**Size:** 4.4lbs (2kg)  
**Code:** 62478



## HYDRONIC DESCALING KIT

Handy pack contains:

- 1 x Submersible Pump
- 1 x DS40 Descaler & Cleaner
- 2 x 4' Hoses with GHT fittings

**Code:** 62734



## DS-10 DRYSIDE CLEANER

Proven dryside cleaner ideal for stainless steel, copper and cast iron heat exchangers to help restore and optimize heat transfer efficiency.

**Size:** 15.4lbs (7kg)  
**Code:** 61029

# FERNOX SILENCERS & LEAK SEALERS



## BOILER NOISE SILENCER F2 EXPRESS

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

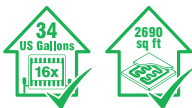


Size: 13 fl oz (400ml)  
Code: 62674



## 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 34 US Gallons.



Size: 1 pint (500ml)  
Code: 57883



## 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: 13 fl oz (400ml)  
Code: 62676

### HOW THE LEAK SEALER WORKS

The sealer penetrates into the installation with micro-leaks, binds, polymerizes and seals the leakage points.

# FERNOX TEST KITS



Tests 25 systems

## 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 local regulations.

Size: 25 Strips  
Code: 63630



## T3 TEST KIT

The T3 test kit is a convenient, easy to use method to test your water quality at the job site. Dedicated dip test strips determine Fernox Protector F1 concentration levels, pH, and total hardness (grains per gallon) in the system water. Instant testing for major parameters affecting water quality. Simple color charts for measuring concentrations. Suitable for use with all hydronic heating systems. Each vial contains 25 individual test strips

T3 Test Kit 25 Strips/vial	Code: 63600
pH Test Strips	Code: 63610
Total Hardness Test Strips	Code: 63620
Express Inhibitor Test Strips	Code: 63630



## DIAGNOSTIC WATER TEST

The Diagnostic Water Test kit is a convenient, easy to use method to test your water quality with certified third party laboratory results. The boxed kit contains two sample vials, one for a system fluid sample and the second intended for a sample of the onsite water source. The filled vials are sent via UPS at no additional charge by utilizing the QR code inside the box. Results are emailed to the sender within five business days.

Code: 62499



## TOTAL DISSOLVED SOLIDS METER (TDS)

Accurate on-site assessment of effective system flushing to compare system water to tap/city water.

Code: 57875



## REFRACTOMETER

Simple on-site test to determine antifreeze concentration level.

Code: 55586



# FERNOX TF1 FILTERS



## TF1 SIGMA FILTER

Sealed, high performance in-line system filter made from precision engineered composite polymer to collect magnetic and non-magnetic debris.

**Size:** 1"  
**Code:** 62594



## TF1 OMEGA FILTER

Sealed, high performance nickel plated brass, in-line system filter to collect magnetic and non-magnetic debris.

**Size:** 1" NPT  
**Code:** 62294



## TF1 TOTAL FILTER

Lidded design hydrocyclonic and magnetic filter. Collects and removes magnetic and non-magnetic particles.

**Size:** 1" NPT with Valves  
**Code:** 60003



# FERNOX TF1 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:** 1 1/4" NPT **Code:** 62373  
**Size:** 1 1/2" NPT **Code:** 62374



## TF1 DELTA FILTER

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

**Size:** 2" **Code:** 62227

## TF1 TOTAL FILTER THERMAL COVER

Thermal cover to maximize energy efficiency.

**Code:** 62349

## TF1 OMEGA FILTER THERMAL COVER

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

**Code:** 62350

## TF1 DELTA FILTER THERMAL COVER

Thermal cover to maximize energy efficiency.

**Code:** 62231

# FERNOX POWERFLUSHING



## POWERFLUSHING MACHINE

The Powerflushing Machine uses a targeted, powerful fresh water flow to remove sludge, scale and debris quickly and thoroughly from existing and contaminated residential heating systems.

**Code:** 240190

# FERNOX GLYCOL ANTIFREEZE PROTECTOR



## ANTIFREEZE PROTECTOR ALPHI-11

Fernox Antifreeze Protector Alpha-11 is a combined glycol antifreeze and inhibitor. This product offers long-term protection against frost, internal corrosion and limescale in hydronic and chilled water systems, including geothermal systems.

ANTIFREEZE PROTECTOR ALPHI-11					
		Product Code		Gallon Size	
<b>Antifreeze Protector Alpha-11</b>	Concentrate 100%	155738-0005		5 Gallon	
	Concentrate 100%	155738-0015		15 Gallon	
	Concentrate 100%	155738-0055		55 Gallon	
	Concentrate 100%	155738-0330		330 Gallon	
<b>Antifreeze Protector Alpha-11</b>	Premix 30%	174819-0005		5 Gallon	
	Premix 30%	174819-0015		15 Gallon	
	Premix 30%	174819-0055		55 Gallon	
	Premix 30%	174819-0330		330 Gallon	
<b>Antifreeze Protector Alpha-11</b>	Premix 35%	244338-0005		5 Gallon	
	Premix 35%	244338-0015		15 Gallon	
	Premix 35%	244338-0055		55 Gallon	
	Premix 35%	244338-0330		330 Gallon	
<b>Antifreeze Protector Alpha-11</b>	Premix 40%	174821-0005		5 Gallon	
	Premix 40%	174821-0015		15 Gallon	
	Premix 40%	174821-0055		55 Gallon	
	Premix 40%	174821-0330		330 Gallon	
<b>Antifreeze Protector Alpha-11</b>	Premix 45%	244337-0005		5 Gallon	
	Premix 45%	244337-0055		55 Gallon	
	Premix 45%	244337-0330		330 Gallon	
<b>Antifreeze Protector Alpha-11</b>	Premix 50%	175578-0005		5 Gallon	
	Premix 50%	175578-0015		15 Gallon	
	Premix 50%	175578-0055		55 Gallon	
	Premix 50%	175578-0330		330 Gallon	
<b>Concentration</b>	<b>30%</b>	<b>35%</b>	<b>40%</b>	<b>45%</b>	<b>50%</b>
<b>Protection</b>	<b>5°F</b>	<b>-0.4°F</b>	<b>-7.6°F</b>	<b>-16.6°F</b>	<b>-29.2°F</b>
<b>Burst point deg F</b>	<b>-20</b>	<b>-40</b>	<b>-60</b>	<b>-70</b>	<b>-80</b>

# FERNOX HVAC COMMERCIAL PRODUCTS



## SOLAR S1

An inhibited heat transfer fluid which is designed to protect all solar thermal heating systems at elevated temperatures. This product is effective both in the gaseous and liquid state at temperatures in excess of 356 °F (180 °C).

**Size:** 5 US Gallons  
**Code:** 155727-0005



## PROTECTOR F1

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

**Size:** 2.6 US Gallons  
**Treats:** 528 US Gallons  
**Code:** 62561  
**Size:** 55 US Gallons  
**Treats:** 2600 US Gallons  
**Code:** 62606



## CLEANER F3

Universal cleaner, removes sludge, flux, and debris in new and existing systems. Ideal for servicing and maintenance work.

**Size:** 2.6 US Gallons  
**Treats:** 528 US Gallons  
**Code:** 62562  
**Size:** 55 US Gallons  
**Treats:** 2600 US Gallons  
**Code:** 59852



## 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:** 2.6 US Gallons  
**Treats:** 528 US Gallons  
**Code:** 62563



## PROTECTOR+ FILTER FLUID F9

Unique inhibitor package with dispersant lifts and delivers debris in the system to the filter while protecting against future corrosion and scale.

**Size:** 2.6 US Gallons  
**Treats:** 528 US Gallons  
**Code:** 62710

# GET YOUR HEATING SYSTEM READY FOR WINTER

Simply dose with Alphi-11 for protection against frost, internal corrosion and limescale in all hydronic heating and chilled water systems.

- Avoids winter drain down
- Contains mono propylene glycol
- Concentrate and premix product
- Phosphate free
- Works with geothermal systems
- Suitable for use with city or well water

