62420 - Cleaner F3 Express 400ml

Cleaner F3 is an effective, universal pH neutral, non-foaming cleaner, which removes sludge, scale and debris from existing central heating systems to restore heating efficiency and eliminate boiler noise. When commissioning new systems in accordance with local regulations and best practice, Cleaner F3 is ideal to remove flux residues and other installation debris to help extend the life of the boiler and the efficiency of the system. The Fernox Express range uses Barrier Pressure Pack technology and compressed air propellent to expel the product so the entire range is non-flammable. The propellent (compressed air) is not mixed with the active product so there is no risk of air ingress into the system which could accelerate future risk of corrosion.

- Quick and convenient to use – doses in 30 seconds - no need to drain down the system
- Neutral, universal cleaner for pre-commissioning new and existing heating systems
- When used in conjunction with Protector F1 gas savings of up to 15% can be achieved every time you heat your room
- One 400ml, 100% recyclable canister treats up to 130 litres of system water (16 radiators) and the equivalent of 250m2 of underfloor systems.
- Compatible with all metals and materials including aluminium
- pH Neutral, non-hazardous and environmentally formulation - add via a radiator, towel rail, filling loop or TF1 System Filter

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Application

Cleaner F3 Express will protect a large system (130 litres or up to 16 single radiators) and can be dispensed directly into a radiator air vent, system
filling loop, or via a TF1 Filter using the appropriate adapter supplied with the product. Fernox Express takes less then 30 seconds to dose the system without the need to drain down the system, saving time on-site. If dosing via a TF1 Filter, the filter should be emptied of any collected contaminants prior to treating with the product. Additional/ repeat applications of Cleaner F3 Express may be necessary for larger systems, or if systems are heavily sludged.

Fernox Cleaner F3 Express is also designed to be used in conjunction with a powerflushing unit. In this case, please refer to the unit manufacturer's instructions. When using Cleaner F3 Express with a powerflushing unit, cleaning should be completed within an hour. Use dynamic flushing with plain water until the water is clear, testing with a TDS meter to ensure thorough flushing. Refill the system adding a suitable Fernox Protector for long term protection against corrosion and limescale. In single feed indirect cylinders, e.g. 'Primatic' or similar, potable water chemicals must be used.

Firstly, drain and refill the entire system with plain water. For optimum results the entire system, including drop feed radiators, where fitted, should be completely drainable. Preferably full bore gate valves with hose connectors should be provided temporarily for this purpose. Motorised and thermostatically controlled valves must be set, so that no part of the system is closed off during cleaning, or rinsing. Discharges must be made to the foul drain and not the surface water drain. For open vented systems add Fernox Cleaner F3 Express via the header tank. For sealed systems add via a radiator using a Fernox Injector. When cleaning existing systems, sludge and debris should be dispersed for at least one hour at normal operating temperatures. However, to remove hardened iron oxides and limescales, the cleaning time can be extended to up to one week under the normal heating cycle. If a radiator still has a cold spot after one hour, increase the flow through the radiator by closing the valves on the other radiators.

An additional or repeat dose of Cleaner F3 Express may be necessary in some cases. Drain and flush the system thoroughly to remove the cleaning chemical and debris. At least three complete changes of water are likely to be required. This is a crucial part of the cleaning process and must be carried out correctly. Use a rinse test meter such as the Fernox TDS meter to ensure that the Total Dissolved Solids have been satisfactorily removed.

The system can be regarded as being thoroughly flushed when the system water value is within 10% of the mains water value. Differences over 10% mean that significant cleaner residues have been left in the system and further flushing is required. If not removed, cleaner residues will promote corrosion and negate the cleaning process.

Packaging, Handling & Safety

Fernox Cleaner F3 Express is supplied in 400ml aerosol cans with a universal applicator set.

Fernox Cleaner F3 Express is classified as non-hazardous, but as with all chemicals, keep out of reach of children. In case of contact with skin or eyes; rinse immediately with plenty of water. Wear suitable gloves.

Specification

Colour: Amber
Odour: Faintly aromatic
Form: Liquid
pH (conc): 6.4
pH (in-use) 6.5 - 7.7
SG: 1.182 @ 20°C

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Volumetrics & Barcodes

Barcode EAN	5014551624207	OCU Barcode	50145510018796
Single Unit Weight (kg)	0.61	Outer Carton Weight (kg)	6.44
Single Unit Height (mm)	218	Outer Carton Height (mm)	241
Single Unit Width (mm)	66	Outer Carton Width (mm)	178
Single Unit Depth (mm)	95	Outer Carton Depth (mm)	339

Safety Data Sheet (EN-GB-EN)

https://files.plytix.com/api/v1.1/file/public_files/pim/assets/45/7d/ae/5f/5fae7d45c573435950d65e1e/texts/4b/7b/b5/67/67b57b4b941bdb08a4d68acc/62420-GB-GB.pdf

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