



## CHANGES FROM FOAM TO WATER

### Historically

Traditionally, water fire extinguisher units were paired with CO<sub>2</sub> units to provide adequate escape cover and provide coverage for electrical risk.

Water extinguishers used to be large, cumbersome and heavy (more than 15kg) - unsightly and not very easy to use in the event of a fire!

The regular use of foam fire extinguisher units became an industry standard circa 2005, replacing the large heavy water units. A 6ltr foam gave the same fire coverage as a 9ltr water, whilst also providing coverage for an extra class of fire.

### What is banned

In 2014, there were concerns raised regarding the additives (PFOA/ PFOS) used in foam extinguishers. This resulted in a ban of PFOS in the production of foam fire extinguishers more than ten years ago, with a ban on the use of PFOA coming into force **4th July 2025**.

### What OHEAP use

The current AFFF foam fire extinguisher widely manufactured and used are produced using a fluorotelomer chemistry (containing PFAS), which is not banned. For the past 10 OHEAP have only used flourotelomer chemistry in their extinguishant foam, whether in new foam units or in refills.

### What is going to change

There is further change on the horizon, with legislation planned which will result in foam extinguishers that use PFAS, being banned. This is expected to be ratified in 2026 and a ban and removal of extinguishen is likely to be circa 2030-31 - but these dates are currently UNCONFIRMED.

As a result, OHEAP have taken an early decision to revert back to a water-based fire extinguishers as a sustainable, environmentally friendly, replacement for foam units.

Technology having advanced means that our 3ltr HYDREX **ECO**, carries the same classified fire rating (A rating) as our previous foams.



**OHEAP**  
FIRE & SECURITY

# THE 3LTR HYDREX **ECO**

Proudly spearheading OHEAP Fire and Security's  
**ECO** range with the  
3ltr Water additive **HYRDEX ECO**

## Description

A water fire extinguisher is the most efficient apparatus for fighting Class A fires (those involving combustible solids like wood or paper).

The new HYDREX **ECO** 3ltr Water ECO Extinguisher combines light weight and compact design with a performance of 13A thanks to its PFAS-free wetting agent. Whilst PFAS-containing foam fire extinguishers aren't currently banned, OHEAP Fire & Security are ready for the future of fire safety with this outstanding Hydrex ECO unit - ideal for your class A rating fire cover to accompany your CO<sub>2</sub> extinguisher.

## Tech Spec

- 13A
- Kitemarked to BS EN3
- Manufactured to BS EN3
- UKCA and CE
- Extinguishing medium: Water + additive
- Working pressure: 15 bar @ 20°C
- Temperature Range: 0°C – 60°C
- PFAS-free additive
- Tough, corrosion resistant finish that's

