



BRITANNIA FIRE



THE P50 RANGE

IN SAFE HANDS

10-year service-free fire extinguishers

Designed and manufactured from concept to product, the P50 composite fire extinguisher is the biggest innovation in portable firefighting equipment this decade.



SCAN TO SEE THE
FULL P50 RANGE



PATENTED

50

OVER 50 YEARS
MANUFACTURING



MADE IN
GREAT BRITAIN



EN3

**UK
CA**



CE



P50-ECO



A Greener Future

Impending legislation changes are going to be banning the use of PFAS Chemicals due to the detrimental effects it has on our environment and health.

We have proudly upgraded our entire P50 Range to be PFAS FREE, ensuring that we are protecting your premises and our planet for the future.

ECO-FRIENDLY, RECYCLABLE, AND NON-TOXIC.

Benefits

- 20 year manufacturers operational corrosion guarantee*
- 10 year manufacturing faults and workmanship guarantee*
- Environmentally friendly PFAS Free Foam
- Recyclable ♻️
- Multi-purpose fire extinguisher
- Super strength aramid yarn wound onto inner HDPE cylinder
- Accredited to the highest standards
- No annual service required by third party engineers
- Self maintained annual inspection
- Light weight and easy to use
- Environmentally friendly manufacturing, using 50% electricity energy from our Solar Panels

*Subject to conditions



PFAS Free Foam in action on EN3 113B Tray Fire

The P50 Models

Since the P50 launch in 2010, we have welcome on board many distributors worldwide, including UAE, India, Africa and Germany, converting clients as large as ADNOC and Audi over to the P50.

Heading into 2025, we are very pleased to confirm that our whole P50 Range is now PFAS Free. Protecting you, your premises and the environment with our high quality fire safety innovation. We offer four types of P50 extinguisher providing advanced fire protection to cover most fire risks in one simple, to use easy and affordable solution. The four types are Watermist, Powder, PFAS-Free Foam and F-Class.

Model	Type	Capacity	Fire Class	Temperature Range	Weight (kg)	Fire Ratings
P50WM2	Water Mist	2ltr	A, F & Electrical	+5° to + 60°C	2.7	8A, 5F
P50WM	Water Mist	6ltr	A & Electrical	+5° to + 60°C	8.25	13A
P50-ECO	Foam	6ltr	A, B, F & Electrical	+5° to + 60°C	8.5	27A, 144B, 25F
P50SFF	Foam	6ltr	A & Electrical	+5° to + 60°C	8.5	34A
P50F9-ECO	Foam	9ltr	A, B & Electrical	+5° to + 60°C	11.7	43A, 183B
P50P2	Powder	2kg	A, B, C & Electrical	-20° to + 60°C	2.74	13A, 55B
P50P	Powder	6kg	A, B, C & Electrical	-20° to + 60°C	8.5	43A, 233B
P50P9	Powder	9kg	A, B, C & Electrical	-20° to + 60°C	11.7	55A, 233B
P50FC-ECO	F-Class	6ltr	A, F & Electrical	+5° to + 60°C	8.5	13A, 75F

Long-Life Performance Guaranteed

Roger Carr, the founder of Britannia Fire Ltd saw the need of change within the industry and created the P50 Composite fire extinguisher which is corrosion free with simple annual maintenance, saving you money on third party service visits.

Every P50 comes with a:

- **20-year** corrosion guarantee*
- **10-year** manufacturing and workmanship guarantee*
- **Three Patented Designs** by Roger Carr
- **Carefully crafted** by our dedicated team

*Subject to conditions

Certified Safety

The P50 Range is manufactured to the highest industry standards and certification including BSI Kitemark, EN3, UKCA/CE, PED, and MED. We also carry out additional testing to EN12245 which includes cycle testing 1 in every 1000 cylinders from 0-25 Bar 12,000 times then crush and bursting at a minimum of 55 bar. Giving you confidence that you are purchasing quality fire extinguishers.



Simple In-House Annual Inspection

The extinguisher maintenance programme is a simple process which staff members can easily carry out.

- If an indicator is in the **RED** segment return to manufacturer or appointed distributor.
- Check the tamper seal is in place. If tamper seal is missing, contact manufacturer or distributor.
- Remove any dust with a clean cloth. Turn upside down to inspect base and locate testing magnet.
- Check both indicators with a magnet to confirm operation.
- Moving magnet from side to side needle should move then return to **GREEN** segment. Return magnet to base.
- Check date is within 10 year operational lifespan (colour coded stud in base gives year of manufacture).

At 10 years return to manufacturer or distributor for manufacturers overhaul to extend the lifespan by a further 10 years.

- Record yearly inspection date into logbook and mark extinguisher body with permanent marker pen.



Leading Fire Technology

The P50 fire extinguisher is the biggest innovation in portable firefighting equipment this decade, employing the design technology of composite materials pioneered across many industries.

HEADCAP

Manufactured from stainless steel and brass nickel plated, the head cap also offers double magnetic gauges for the user to cross calibrate to ensure that the pressure is accurate.

LOCKING NECK RING

The locking neck ring is patented and secured onto the inner bottle and is designed to remain permanently attached.

OUTER JACKET

The red outer jacket is UV protected High-Density Polyethylene with UV cured ink to help prolong the durability of the product.

THE ARAMID WINDING

The internal bottle of the P50 is made from High-Density Polyethylene with an Aramid fibre material wound onto it. This aramid material is incredibly lightweight and strong, giving the extinguisher a burst test pressure result of over 70 bar (the EN standard requires a 55 bar minimum). The winding process is also patented.



OUR VALUES



Hand-finished

Carefully designed, delivering the highest standards in fire safety. British excellence at it's best.



Original

Our team work closely together to create innovative designs that offer the best, fire protection for our clients.



Loyal

Trusted since the 1970's, we're dedicated to preserving long-lasting relationships with our clients and within our team.



BRITANNIA FIRE

Every product has a story, and our P50 tells a tale of dedication, innovation, and an unwavering commitment to safety. When you choose Britannia Fire, you're choosing a legacy that ensures you're always **#InSafeHands**.

Britannia Fire Ltd
Ashwellthorpe Industrial Estate
Ashwellthorpe,
Norfolk
NR16 1ER
United Kingdom

To find out more, visit:

www.britannia-fire.co.uk

or contact:

+44 (0)1508 488416

sales@britannia-fire.co.uk

