CO2 OUT. P50 WATER MIST IN.

A service-free, PFAS-free composite extinguisher for offices, server and plant rooms, retail and public buildings. Fact sheet: how the P50 Water Mist compares with a CO2 unit.

SIDE BY SIDE

	CO2 EXTINGUISHER	P50 WATER MIST
Electrical fires	Non-conductive gas	Dielectrically tested to BS EN 3-7 at 35 kV, with a 1,000V at 1 metre rating
Discharge	Around minus 78 degrees C, so cold burn and thermal shock risk	Water based, with no extreme cold discharge
Small rooms	Gas displaces oxygen, so care is needed in confined spaces	Water based, with no oxygen displacement
Servicing	Ongoing servicing regime under BS 5306-3 (a voluntary code of practice)	10 years service-free, with in-house checks using the magnetic gauge and app
Build and life	Heavy metal cylinder that can corrode over time	Lightweight composite, 20-year lifecycle, 10-year manufacturing and corrosion guarantee
Environment	Carbon dioxide, a greenhouse gas, in a metal cylinder	PFAS-free and fully recyclable, with around 22% lower carbon footprint than metal alternatives

LESS TIME

No annual third-party service visits and no 5-year discharge tests to book, chase or sign off.

LOWER WHOLE-LIFE COST

No service contracts, plus up to 50% fewer extinguishers on site with multi-purpose coverage.

ACCREDITED, BRITISH

BSI Kitemark, UKCA, EN3, PED and MED. Made in Norfolk by the world's first composite extinguisher maker.

PROVEN ON SITE

550,000+
P50 units sold across 12 countries

£1m+
Heathrow savings after replacing 5,000+ metal extinguishers

£45,000
Saved each year by Anglian Water across 1,200+ P50s

£200,000+
University of Brighton saving over 10 years, with the extinguisher count halved