



Capability Statement

**“Saving and Protecting Lives
in Hostile Environment through
Innovation”**

Since 1854, BCB has built up knowledge and expertise in developing life-saving equipment for the frontline services. We have been working with the UK Ministry for Defence (MoD) since 1975, as well as many overseas DoD's; exporting 40% of our products.

Our longstanding and loyal workforce have a wealth of experience in engineering, manufacturing, supply chain operations, testing and product development. These skills along with our innovation and passion guarantees consistency, quality and safety. Our close relationship with special; forces allow rapid design and prototyping with universities and centers of excellence .



\$ Less Expensive

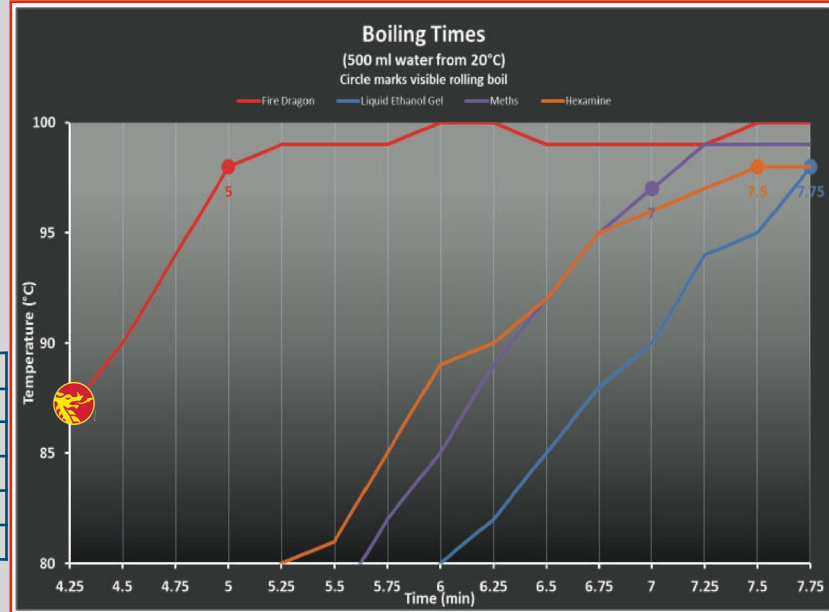
3 x Faster Cooking

1/6 Lighter

2 x Hotter

4.5 x More Energy

- Ration heater/Cooker/Fire lighter/Hand sanitiser all in one.
- Recyclable , easy and clean to dispose of.
- Safe to use, handle and to pack with rations.
- Efficient to cook/boil water.
 - ✓ Boils water from 62°F to 212 °F in 6 minutes
 - ✓ Melts snow & ice
- Environment friendly.
- No noxious fumes like hydrogen, cyanide, oxides or magnesium.
- Non toxic. Non explosive .
- Easy to transport and store.
- Patented will work when wet, can extinguish and relight.
- Lower cost per cook.
- Twice as fast to temperature compare to all other solid fuels.
- NATO#: 9110-99-426-2694/7310-99-587-4226



Compared to Flameless Ration Heater (FRH)	FRH	FD
Change in temperature	100 °F (37 °C)	212 °F (100 °C)
Speed from 32 °F (0 °C) to 100 °F (37 °C)	10 minutes	3.15 minutes^
Average Total Weight unused and used per burn*	3 oz (85 g)	0.9 oz (25 g)^
Energy (Kilo joules) per gram	6	29
Shipping/Storage hazardous	Class 4.3	Class 4.1

* Includes all necessary components including water, cooker matches per cook, and assumes average over used + unused components. ^ NATO Option.

3 different fuel block sizes and 3 cooker systems

	(A) MRE	(B) Patrol	(C) NATO
Fuel blocks:	4 x 0.3oz	3 x 0.5 oz	3 x 1 oz
Size packed:	4x3.5x0.5"	2.75 x 2 x 1.5"	4.5 x 2.75 x 1 "
Weight incl. fuels, matches & cooker	2.5 oz (70g)	3.1 oz (90 g)	70 oz (200 g)
Block burn time:	6 minutes	8 - 10 minutes	10 - 12 minutes

Company Summary

- 160 years legacy
- 50 years defence supplier
- 90,000 sq.ft factory
- 9 patents
- 200+ NATO Products
- 40% global export
- Experienced Team
- Design → Delivery

Company Data

DUNS: 22-773-7897

CAGE: K5704

NIACS CODES:

- 325193 Ethyl Alcohol manufacturing
- 325199 Chemical manufacturing
- 315280 Cut and sew apparel contractors
- 3251 Basic Chemical manufacturing
- 325510 Paint and coating manufacturing
- 332420 Pressure vessel manufacturing
- 3391 Medical equipment and suppliers manufacturing

Past Performance Successes

UK MOD

French MOD

NATO



QUALITY ASSURED



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