

# ManPAC 1EOD - Individual Soldier Cooling

The ManPAC 1EOD is an ultra lightweight standalone cooling unit for explosive ordnance disposal personnel and other special operators. The unit delivers controlled cooled air to the suit helmet and spine feeds, and greatly relieves heat stress and fatigue. The benefits for enhanced effectiveness and ultimately increased survival cannot be

Specification	Details
Weight	3055 grammes
Battery (1 hour)	995 grammes
(2 hour)	1695 grammes
Dimensions (Unit)	182mm wide 278mm high 135mm deep
(2 hour Batt)	154mm wide 154mm high 64mm deep
Operational Temperature	0°C to 52°C (46°C at rated output)
Battery Life	30 mins at rated weight 3 hrs/6hrs batteries available
Colour	Dark Grey
Power	350 W/hr 2 hr batt supplied
Notes:	
Designed and manufactured in the UK	

ManPAC 1EOD works with AirStream C1M and various manufacturers CBRN/EOD suits. Fitting kit for Silverback 4020 and similar available.

The positive effect of reducing air temperature in the suit greatly enhances operator safety, cognitive function and endurance.

AirStream C1M is a soft contoured air layer that adds less than 260g to the soldier's weight. The effect of maintaining core temperature inside the critical range greatly reduces error and loss in combat.

ManPAC 1EOD regulates the temperature of the air supplied, to allow the body thermo-regulation to work normally.



## Applications:

- EOD suit user groups
- Enclosed suit applications for CBRN
- Bomb disposal & field technical repair facilities