RVA synergies

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MADE IN BRITAIN

UK2 CBRN AIR FILTER UNIT

The UK2 is a NATO-standard 240vac CBRN air filtration unit for military vehicles, shelters and buildings.



The UK2 is a NATO-standard 240vac CBRN air filter unit designed primarily for use in military vehicles, buildings and shelters. It is ideally suited to small bomb shelters / bunkers and safe rooms.

The filter cylinder inside the unit is removeable by hand, and is a heavy aluminium construction.

It contains a HEPA H14 filter with 99.997 % efficiency, to BS3928, for the removal of particulates including biological agents and radioactive particles. Followed by a specially impregnated carbon section that meets NATO standard AEP54 for the removal of Chemical Warfare Agents, radioactive gases and Toxic Industrial Chemicals.

In front of the main filter is a replaceable pre filter. The input and output air connectors are 100mm / 4" ducts. This offers a universal wall/ceiling connection for your shelter design, and a directable air flow at the exit.

The unit is mains powered, 240vac, and would need to be powered from a 240vac generator which would be located in a generator room or enclosure in a shelter. Alternatively it could be used with a suitable inverter from a 12VDC power supply, but this would require substantial sized battery pack/s. Modern 'power station' batteries with mains outputs and high capacity are particularly suitable.



UNIQUE FEATURES:

+ One man portable unit,
+ Durable non-corrosive construction.
+ Adjustable carry handles
+ NATO standard COLPRO (multiple person) protection
+ Replaceable pre filter
+ Replaceable CBRN Filter Rapid installation

UK2 CBRN AIR FILTER UNIT



Specifications

- Rated flow: 170 m^3/hr / 100CFM
- Unit weight: typically 30 kg
- Filter weight: approx. 17 kilos
- 240vac power supply
- Filtration protection: NATO AEP-54 Outlet connection to shelter 100mm 4'' diameter
- Approx Size: 410mm dia x 650mm long
- Designed IP Rating: 55
- Three stage filtration
- Replaceable filters







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