

# UK1HC HAND CRANKED FAN

UK1HC manual hand-cranked fan  
for emergency shelters.



**The UK1HC is a purpose-built non-electric fan system designed to provide airflow in emergency shelter environments without reliance on power.**

**Whether it's a safe room, basement fallout shelter or improvised inner refuge, an emergency shelter should have a reliable means of maintaining airflow and ventilation.**

The UK1HC is a completely non-electrical hand cranked fan designed for use with emergency shelter air systems, primarily our UK1 air filter unit. The heavy duty powder coat painted steel structure consists of an encased aluminium propeller fan and 350W (mechanical) gearbox, with a universal 4 inch (100mm) duct input and output. The product has four rubber feet and so that it can be used free-standing on a floor. Alternatively the holes in the base plate allow for bench-top mounting. Lengths of ducting specific to your shelter design can be used to position the product and air output as desired. The UK1HC produces ~1500 ft/m velocity / ~70 cubic ft/m (CFM) at the output when drawing air through our UK1 air filter unit.



## FEATURES

- + **100% Non-Electrical** - 'peace of mind' air solution
- + **Powerful** - Draws sufficient cleaned air through an air filter unit
- + **Easy to use** - Connect standard ducting and turn the handle
- + **Heavy duty** - Steel and high quality components - designed and manufactured in Gloucester, United Kingdom

## UK1HC HAND CRANKED FAN

# Contents and Specifications

### MAIN COMPONENTS

#### Fan

- Aluminium propeller

#### Gearbox

- 350W Cast aluminium with steel gears

#### Construction

- Steel with Olive green RAL 6003 powder coat paint finish

#### Duct connections

- 4 inch / 100mm

#### Air flow

- ~1500 ft/m (~70 CFM) \*When connected to UK1 air filter unit



\*UK1 air filter unit shown  
available separately



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