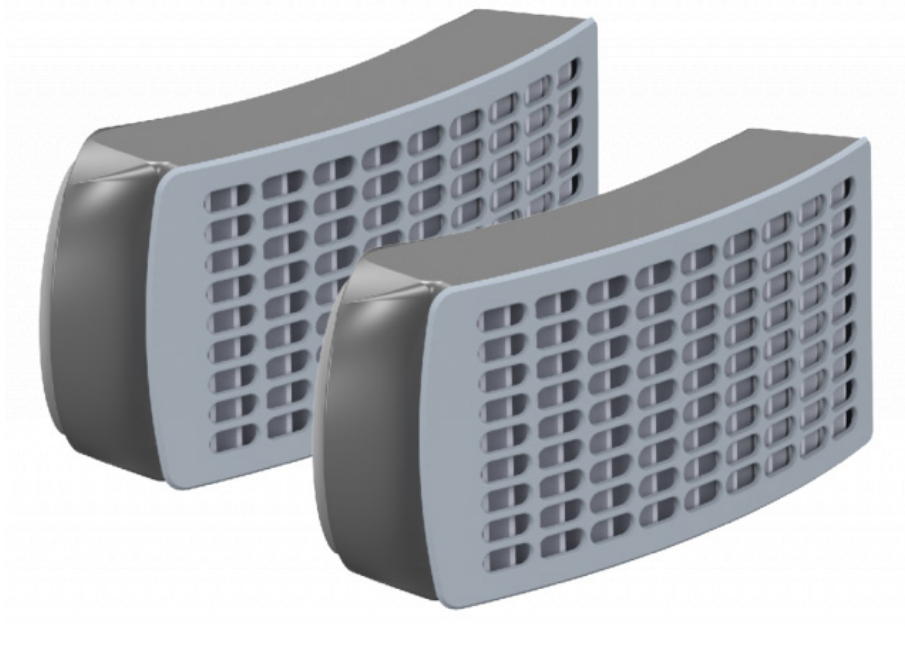


## Replacement Powercap® Infinity® Filters

CAU660-000-4AN



POWERCAP  
INFINITY

### DESCRIPTION

Pair of replacement filters for PowerCap® Infinity®. Filters should be checked, maintained and replaced regularly to ensure the unit performs correctly. The length of a filter's life depends on working application.

These filters are high efficiency particulate types supplied in pairs.

They will filter most particulate matter such as dust, spores, mist and fumes. They will not filter gases, vapours or toxic substances.

### SAFETY STANDARDS

AS/NZS1716

### FEATURES

- Twin Turbo Technology controls the airflow through the headtop to maximise user comfort and optimise energy efficiency. Real time diagnostics ensure that the twin impeller motor unit delivers the optimum level of airflow depending on the wearer's demands and regulates the intake and internal pressure delivering a minimum of 160 litres a minute of filtered clean air.
- PowerCap® Infinity® removes the need for fit testing, ensuring that a high volume of clean air is delivered to the breathing zone giving a high level of protection.
- Hundreds of hours of human treadmill tests were conducted in a purpose built salt dust challenge chamber to optimise mass, balance and sealing elements. Extensive user trials were conducted, putting the PowerCap® Infinity® to the test in a variety of harsh conditions.
- PowerCap® Infinity® has been developed as a modular system, making it easy to disassemble and reassemble for ease of cleaning and maintenance. To ensure the optimal performance of PowerCap® Infinity® it is important that maintenance is carried out on a regular basis. No specialist tools required.
- Real time diagnostics monitor the system and the wearer twice per second, giving the user accurate, dynamic feedback. Periods of high respiratory demand are monitored and catered for by constantly maintaining a positive pressure inside the respirator. Feedback is given on battery and filter condition via the heads up display and audible notifications.

- The high capacity HEPA filters coupled with the aerodynamically optimised pre-filter covers ensure that PowerCap® Infinity® delivers 160 litres per minute of clean air to the user with maximum battery efficiency. Filters can be effortlessly replaced using an intuitive quick-change bayonet system.

- PowerCap® Infinity® offers respiratory protection to TH3 (the highest possible rating), with a Nominal Protection Factor of 500.
- Pack of 2

## SPECIFICATIONS

Classification  
TH3 (Turbo Hood)

Usage  
R (Reusable)



Activated Carbon Layer  
No

Maximum Total Inward Leakage (TIL)  
0.2% When Fitted To  
PowerCap® Infinity® Respirator

UK Assigned Protection Factor  
40 - When Fitted to A  
PowerCap® Infinity® Respirator

Metal Free  
Yes

Filter Casing Material  
ABS Plastic



BSI Kitemark  
Yes



Filter Type  
P (Protects Against Solid & Liquid  
Particulate Aerosol)



(D) Resistance to dust clogging  
Yes - Mandatory In AS/NZS1716

Minimum Filtration Efficiency  
99.8%

Nominal Protection Factor  
500 - When Fitted To  
PowerCap® Infinity® Respirator

Latex free  
Yes

Filter Material  
Pleated Media

Filter Shelf Life  
5 Years. Filter's life depends on  
working application.



Product Weight  
106g