

JSP Powercap Infinity PAPR Complete Unit - Blue

Product Images

Product Code: S26-1046



Short Description

A fully integrated TH3 powered air respirator offering 4 of the highest levels of protection in one

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intuitive head mounted unit. Giving the wearer complete above the neck 4 in 1 protection. PowerCap® Infinity®, the perfect choice for many industries where dust poses a great danger to health. The unit provides the very latest in Powered Air Purifying Respiratory technology, combining decades of innovation from JSP in the fields of respiratory, head, eye and face protection.

Fully Integrated Protection

Head Protection

PowerCap® Infinity® is built around the super strong ABS shell of the EVO®5 Olympus® industrial safety helmet. Fitted with the Revolution® Flex wheel ratchet harness, the helmet is designed to reduce pressure for the perfect fit and all-day comfort.

Conforming to: EN 397

High Efficiency Filters

High capacity HEPA filters coupled with aerodynamically optimised pre-filter covers ensure PowerCap® Infinity® delivers 160 litres per minute of clean air to the user with maximum battery efficiency. Filters can be changed easily with the quick-change bayonet system.

PowerCap® Infinity® provides users with clean air to the level of EN 12941:1998 + A2:2008 TH3P - The highest possible rating with an APF of 40.

Panoramic Impact Visor

The optical class 1 visor offers impact protection at speeds of up to 270mph (Tested using a 6mm steel ball bearing). The visor has a replaceable peel-off visor protector to prolong its life.

Conforming to: EN 166.1.B

Research. Develop. Test.

The PowerCap® Infinity® has been designed by the JSP R&D team, inspired by feedback received from workers who regularly wear Powered Air Purifying Respirators (PAPR). The goal was to fully understand the issues these users face and to develop a unit that performs above and beyond any other unit on the market.

Powerful Twin Turbo Performance

Designed from the ground up to deliver unrivalled performance. PowerCap® Infinity® is fully loaded with performance enhancing technology, neatly packaged into a single head top unit eliminating the need for cumbersome and restrictive waist mounted units and hoses.

Perfect Fit to Combat Dust

Dust in the workplace is a significant issue. HSE figures (2017) show that 18,000 new cases of work related respiratory disease were diagnosed. A significant proportion of these were a result of exposure to silica.

PowerCap® Infinity® removes the need for face fit testing ensuring that a high volume of clean air is delivered to the breathing zone giving a level of protection.

Suitable applications:

Aerosols, Oil based fluids, Agriculture, Allergens, Building demolitions, Carpentry, Clinical research, Concrete, Construction, Forestry, Fibre glass, Paint stripping, Pharmaceuticals, Metallic dust, Mining, Weed killing.

Minimal Maintenance

PowerCap® Infinity® has been a modular system, making it easy to disassemble for ease of cleaning and maintenance.

Technical Specifications

Respiratory protection: EN 12941:1998 + A2:2008 TH3P, APF 40

Head protection: EN 397

Eye & face protection: EN 166.1.B

Hearing protection (Optional extra): EN 352-3

Approval: AS/NZS 1716:2012, AS/NZS 1337.1, AS/NZS 1801

Weight: 1200g

Head size range: 53cm - 63cm

Battery type: Rechargeable Lithium-ion

Battery run time: 8 hours

Battery charge time: 8 hours

Reach compliant

RFID enabled

Optional Extra

Sonis® Helmet Mounted Ear Defenders

Developed to seamlessly integrate with Sonis® helmet mounted ear defenders. Designed by the JSP R&D team working with a leading UK acoustic engineering research facility, the Sonis® helmet mounted range peaks at an unbeaten level of 36 SNR.

Why use hearing protection? - The World Health Organisation has identified noise-induced hearing loss as being the most common permanent and preventable injury in the world. Hearing protection is now a category III PPE product making it essential that the right protection is selected.

Description

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<https://www.millsLtd.com/default/jsp-powercap-infinity-papr-complete-unit-blue.html>

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Other colours available on request.