

POWERED AIR PURIFYING RESPIRATOR (PAPR) COMPLETE KIT

PRODUCT CODE: PRK-G4SR2P-1

The Vanguard G4 Powered Air Purifying Respirator (PAPR) provides constant airflow and exceptional protection for the respiratory system, head, face, and ears. Its lightweight, portable, and easy-to-use design features a smart digital display, filter monitoring, and an auto-alarm system, making it ideal for a variety of environments and applications.

FEATURES

- **LED Display:** Displays real-time information, including battery level, filter loading status, usage time, and airflow settings, for easy monitoring.
- **Smart Filter Monitoring:** Advanced blower technology tracks and displays filter type and usage to maintain optimal performance.
- **Integrated Alarm System:** Audible, visual, and vibration alarms alert users to filter status, low battery and low airflow even in noisy or visually challenging environments.
- **Three Airflow Rates:** 170/190/210 L/min allow users to adjust based on task requirements and comfort.
- **Dynamic Airflow Monitoring:** The motor automatically adjusts to maintain consistent airflow, compensating for filter status and battery levels.
- **Run Time:** Operates for approximately 10 hours on the lowest airflow setting (170 L/min).
- **Standard Fast-Charging Lithium Battery (3200 mAh):** Charged to 80% in 1 hour and fully charged in approximately 1.5 hours. Extended Fast-Charging Lithium Battery (6400mAh) available.
- **Durable Blower Design:** Front cover protects blower from high temperatures or impact while spark screen blocks sparks from igniting filters.
- **Headtop:** Lightweight, balanced headtop with an adjustable fit for superior comfort and reduced fatigue during extended use.
- **Visor:** High impact visor with excellent peripheral view.
- **Filters:** Kit supplied with Particulate Filter (P3), and Pre-Filter. Additional filters available include Gas Filters (ABEK1 and A2), and Nuisance Odour Filter.
- **IP54-rated:** Providing limited protection from dust and water in industrial environments.



KIT CONTAINS

- Headtop (PRP-G4-HTC)
- Quick-Release Hose with Cover (PRP-SR2-QRBT1)
- PAPR Blower Unit (PRP-G4-BLO)
- Fast-Charging Standard Battery 3200 mAh (PRP-SR2-BATS)
- 240V Single Charger
- Particulate Filter P3 (PRF-SR2-P3) and Pre-Filter (PRF-SR2-PF)
- Flow Meter
- Shoulder Strap (PRP-SR2-SS)
- Standard Belt Assembly (PRP-SR2-SBLT)
- Tear Off Visor Film - 10 Pack (PRP-G4-TOVF)
- Carry/Storage Bag

APPLICATIONS

- Agriculture, Construction, Energy, Industrial, Mining, Oil & Gas, Painting, Healthcare, Pharmaceuticals, Welding, Grinding & Sanding.

ENVIRONMENTAL CONDITIONS

- **Storage:** -10°C to 55°C (14°F to 131°F), RH <85%
- **Operation:** -5°C to 55°C (23°F to 131°F), RH <90%
- **Charging:** 0°C to 40°C (32°F to 104°F), RH 20-85%
- **Maximum Operating Altitude:** 5000 meters

STANDARDS

- Certified to AS/NZS 1716:2012 Respiratory Protective Devices.
- Certified to EN 397, EN 12941:1998 + A2:2008 TH3 P R SL, EN ISO 16321-1:2022 – E T 3 9 and EN 352-3* (with Earmuff)

PARTS AND ACCESSORIES

FOR USE WITH THE VANGUARD G4 POWERED AIR PURIFYING RESPIRATOR (PAPR)

AVAILABLE SEPARATELY

Code	Description	Pack Qty	Carton Qty
Kit & Components			
PRK-G4SR2P-1	PAPR Complete Kit	1	2
PRP-G4-HTC	Headtop Only	1	4
PRP-G4-BLO	Blower Only (Blower, Standard Belt, Standard Battery, Single Charger & Flow Meter)	1	20
PRK-G4SR2P-EMS	PAPR Complete Kit with EMF Shielding	1	2
Filters			
PRF-SR2-P3	Particulate Filter (P3)	1	40
PRF-SR2-ABEK1	Gas Filter (ABEK1)	1	10
PRF-SR2-A2	Gas Filter (A2)	1	10
PRF-SR2-OD	Nuisance Odour Filter	1	40
PRF-SR2-ODRP	Odour Filter Replacement Pad	1	200
PRF-SR2-PF	Pre-Filter (5 pack)	5	40
PRF-SR2-SPRK	Spark Guard	1	400
Accessories			
PRH-G4-PCEM	Passive Slimline Earmuffs with military-style slide mounts, SLC ₈₀ 32dB, Class 5	1	10
PRH-G4-ACEM	Electronic Earmuffs with military-style slide mounts	1	10
Batteries & Charger			
PRP-SR2-BATS	Standard Battery 3200mAh	1	10
PRP-SR2-BATEX	Extended Battery 6400mAh	1	10
PRP-SR2-4CHGR	4 Bank Battery Charger	1	5
Hoods			
PRP-G4-H20HD	White Hood with Hose	1	10
PRP-G4-H30HD	Grey Extended Hood with Hose	1	8
Belts & Straps			
PRP-SR2-SBLT	Standard Belt	1	10
PRP-SR2-DBLT	Decon Belt	1	40
PRP-SR2-SS	Shoulder Strap	1	50
PRP-SR2-BPM	Backpack Mount	1	20
Spare Parts			
PRP-G4-HARN1	Headtop Head Harness	1	50
PRP-G4-HTRIB	Headtop Ribbon	1	50
PRP-G4-SW	Headtop Sweatbands - Forehead Sweatband & Back	1	100
PRP-G4-HTVFA	Headtop Visor Frame Assembly	1	25
PRP-G4-HTHBUT	Headtop Visor Buttons	2	100
PRP-G4-LC	Headtop Replacement Impact Lens for Visor	1	50
PRP-G4-TOVF	Disposable Visor Film (10 Pack)	10	100
PRP-G4-HTFC	Headtop Standard Face Seal	1	100
PRP-G4-HTCHIN	Headtop Chinstrap	1	50
PRP-SR2-QRBT1	Quick-Release Hose with Cover	1	20
PRP-G4-FTC	Water Resistant Filter Cover	1	30
PRF-SR2-DECON	Cleaning Plug Kit for Blower	1	200