

PIP

ADVANCED RESPIRATORY PROTECTION

VANGUARD G4 PAPR



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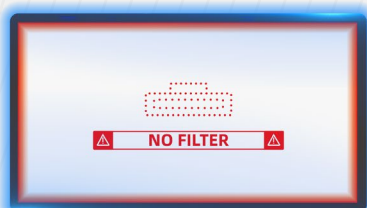
Vanguard G4

POWERED AIR PURIFYING RESPIRATOR (PAPR)

The **Vanguard G4 Powered Air Purifying Respirator (PAPR)** provides constant airflow and exceptional protection for the respiratory system, head, face, and eyes. 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.

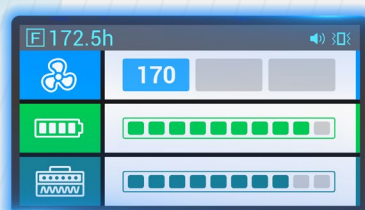


99.997%
FILTER EFFICIENCY



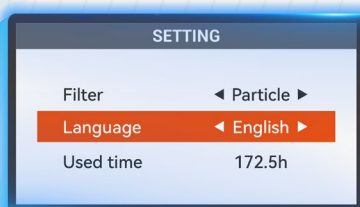
ALARM SYSTEM

If the filter is missing or incorrectly fitted, the battery is low, or airflow is insufficient, a pop-up will show on the display, the blower will vibrate and an alarm will sound ensuring you're always informed of critical issues.



FILTER MONITORING

The blower tracks and displays filter type, usage time, battery status, filter loading, and airflow rate, giving you full control and insight into system performance.



SMART DIGITAL DISPLAY

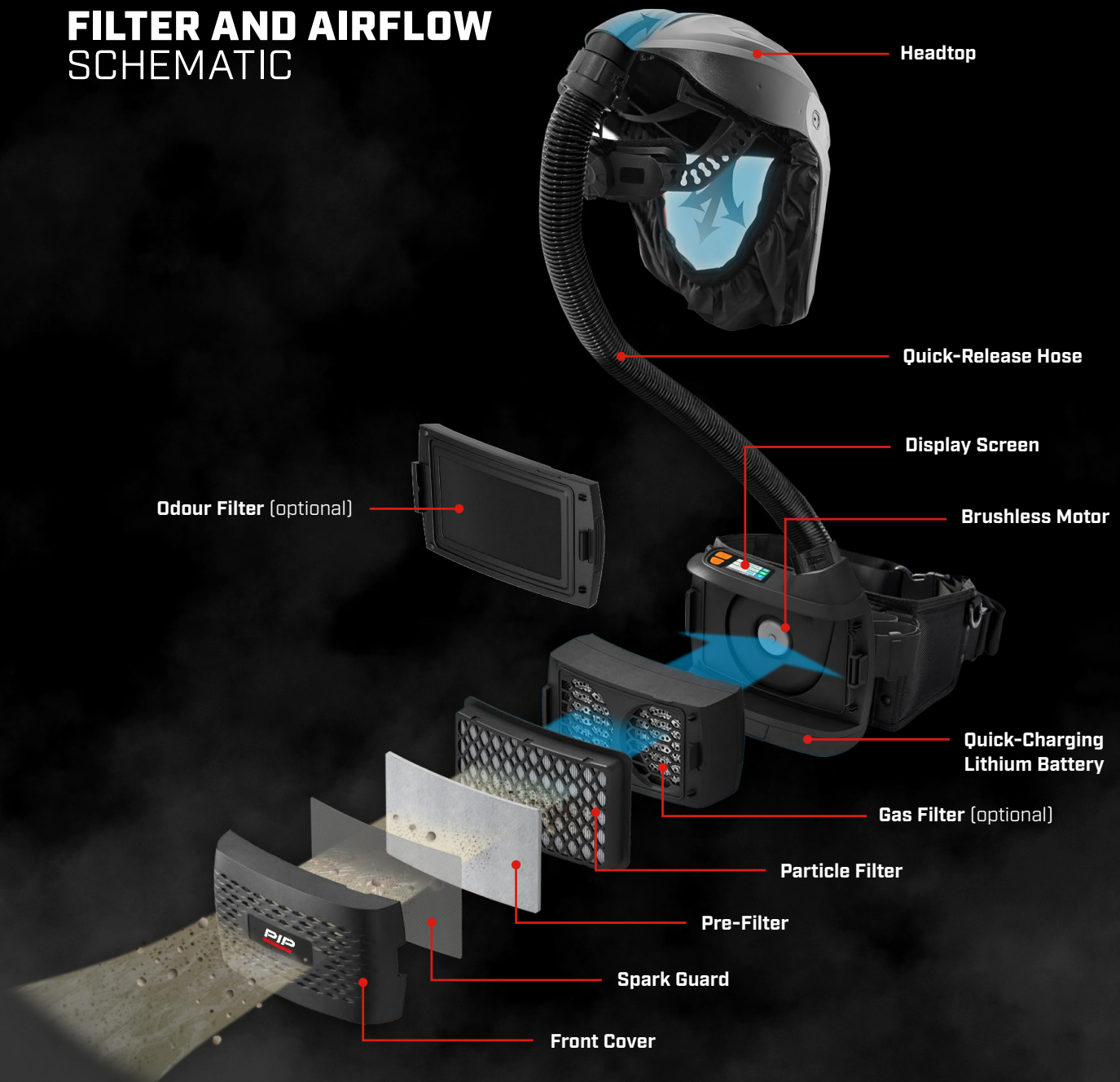
With high colour accuracy and wide viewing angle, the display ensures easy readability from any angle, even in challenging environments.

Certified to: AS/NZS 1716:2012 Respiratory Protective Devices. Compliant with AS/NZS 1801 Type 1 Industrial Safety Helmet, AS/NZS 1337.1 High Impact Eye/Face Protection and AS/NZS 1270 Acoustics—Hearing Protectors when fitted with optional earmuffs.

FEATURES

- **Smart Digital Display:** Displays real-time information on battery level, filter loading status, usage time, and airflow settings.
- **Filter Monitoring:** Advanced blower technology tracks and displays filter type and usage to maintain optimal performance.
- **Alarm System:** Audible, visual, and vibration alarms alert users to filter status, low battery and low airflow.
- **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.
- **Standard Fast-Charging Lithium Battery (3200mAh):** Operates for approximately 10 hours on the lowest airflow setting (170 L/min). Charged to 80% in 1 hour and fully charged in approximately 1.5 hours.
- **Ergonomic Headtop:** Lightweight, balanced headtop with an adjustable fit for superior comfort and reduced fatigue during extended use.
- **Durable Blower Design:** Front cover protects blower from high temperatures or impact. Spark Guard blocks sparks igniting filters.
- **IP54-rated:** Providing limited protection from dust and water in industrial environments.
- **Maximum Operating Altitude:** 5000 meters
- **PAPR Complete Kit Contains (PRK-G4SR2P-1):** Headtop, Quick-Release Hose (PRP-SR2-QRBT1), PAPR Blower Unit, Fast-Charging Standard Battery 3200 mAh (PRP-SR2-BATS), 240V Single Charger, P3 Particle Filter (PRF-SR2-P3), Flow Meter, Shoulder Strap (PRP-SR2-SS), Standard Belt (PRP-SR2-SBLT), Disposable Visor Film - 10 Pack (PRP-G4-TOVF), and Carry/Storage Bag.

FILTER AND AIRFLOW SCHEMATIC



VANGUARD G4 OPTIONS

PAPR COMPLETE KIT, HEADTOP AND BLOWER



PRK-G4SR2P-1
PAPR Complete Kit



PRP-G4-HTC
Headtop Only



PRP-G4-BLO
Blower Only

QUICK-CHARGING BATTERIES AND CHARGER



PRP-SR2-BATS
Standard Battery 3200 mAh
– Run time: up to 10 hrs at 170 L/min
– Charge time: Approx. 1.5 hrs



PRP-SR2-BATEX
Extended Battery 6400 mAh
– Run time: up to 18 hrs at 170 L/min
– Charge time: Approx. 2.5 hrs



PRP-SR2-4CHGR
4 Bank Battery Charger
– Suits both extended and standard battery

ACCESSORIES



PRH-G4-PCEM
Passive Slimline Earmuffs
– SLC₈₀ 30dB, Class 5

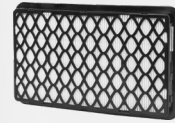


PRP-G4-HLAT
Cap Lamp Attachment
– Suits blade style headlamps



PRG-G4-TOVF
Disposable Visor Film (10 Pack)

FILTERS



PRF-SR2-P3
Particulate Filter (P3)
– High-efficiency particulate filter (HEPA), 99.997% filter efficiency
– Protection against highly toxic or highly irritant particulates



PRF-SR2-ABEK1
Multi-Gas Filter (ABEK1)
– Protection against certain organic vapours (boiling point above 65°C), acid gases, sulphur dioxide, and ammonia



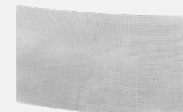
PRF-SR2-A1
Gas Filter (A1)
– Protection against certain organic vapours (boiling point above 65°C)



PRF-SR2-OD
Nuisance Odour Filter
– Protection against nuisance odours



PRF-SR2-PF
Pre-Filter (5 pack)
– Captures large debris/particles from entering the filter



PRF-SR2-SPRK
Spark Guard
– Reduces grinding and welding material entering and damaging the blower

BELTS, BACKPACKS AND STRAPS



PRP-SR2-SBLT
Standard Belt



PRP-SR2-FRBLT
FR Leather Belt



PRP-SR2-DBLT
Decon Belt



PRP-SR2-SS
Shoulder Strap



PRP-SR2-BPM
Blower Backpack

SPARE PARTS

PRP-G4-HARN1	Headtop Head Harness
PRP-G4-HTRIB	Headtop Ribbon
PRP-G4-HTVFA	Headtop Visor Frame Assembly
PRP-G4-HTHBUT	Headtop Visor Buttons
PRP-G4-LC	Headtop Replacement Impact Lens For Visor
PRP-G4-HLSHADE5	Headtop Shade 5 Visor

PRP-G4-HTFC	Headtop Standard Face Seal
PRP-G4-HTCHIN	Headtop Chinstrap
PRP-G4-SW	Headtop Forehead and Back Sweatbands
PRP-SR2-QRBT1	Quick-Release Hose
PRP-G4-FTC	Water Resistant Filter Cover

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