



ALL TRADES
your safety...our priority



ADVANCED RESPIRATORY PROTECTION

VANGUARD G4 PAPR



www.pipanz.com

VANGUARD G4

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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 perfect 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 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.



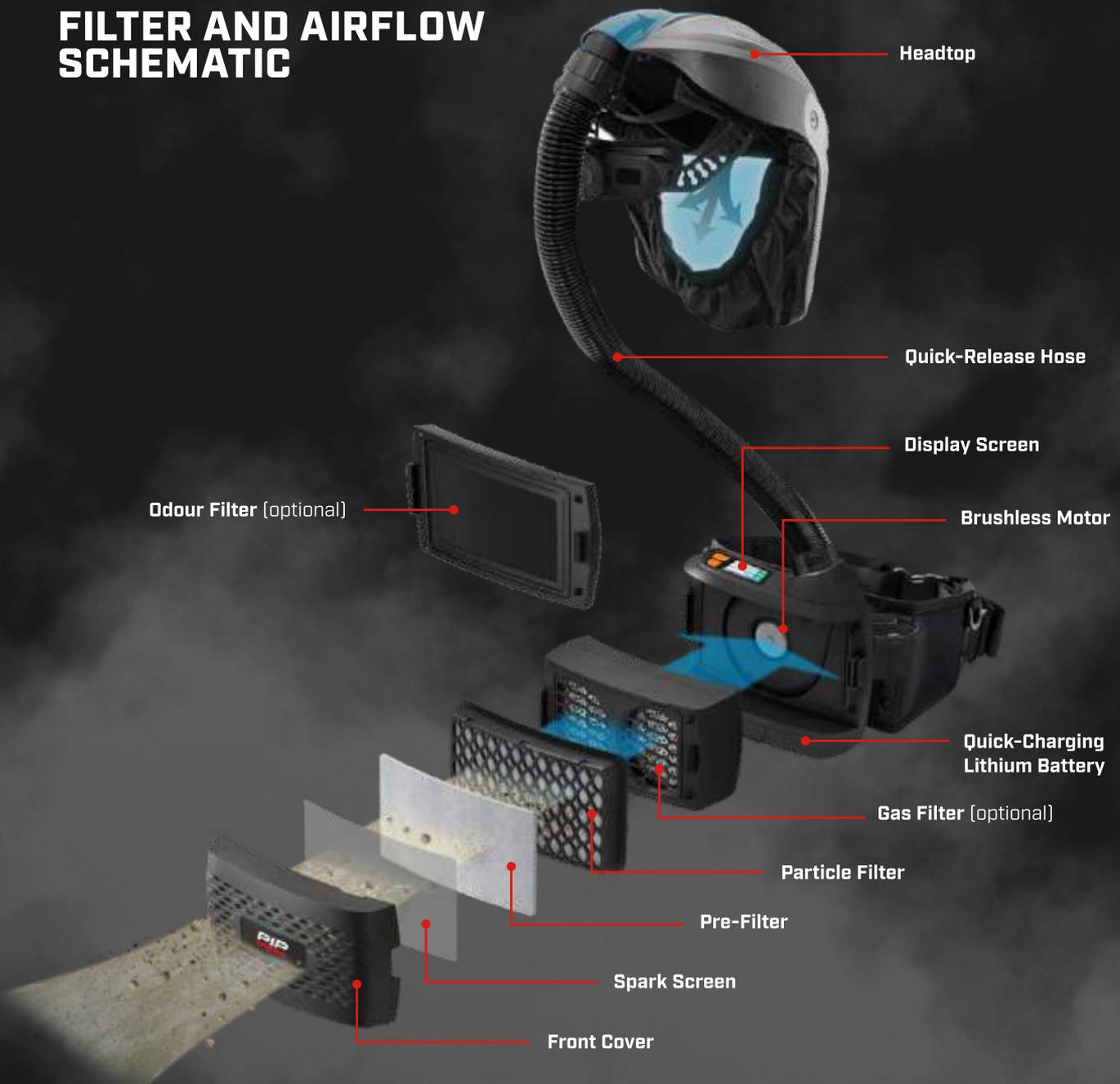
Smart Digital Display

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

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 Quick-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 3 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 screen blocks sparks igniting filters.
- **IP54-rated:** Providing limited protection from dust and water in industrial environments.
- **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

BATTERIES AND CHARGER



PRP-SR2-BATS
Standard Battery 3200 mAh

- Run-time: 10 hrs at 170L/min
- Charge-time: 3 hrs



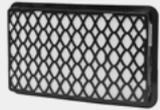
PRP-SR2-BATEX
Extended Battery 6400 mAh



PRP-SR2-4CHGR
4 Bank Battery Charger

- Suits both extended and standard battery

FILTERS



PRF-SR2-P3
P3 Particle Filter

- High-efficiency particle filter (HEPA). 99.997% filter efficiency



PRF-SR2-ABEK1
Gas Filter

- A1B1E1K1 filter for protection against gas vapours and ammonia



PRF-SR2-OD
Odour Filter

- Eliminates nuisance odours



PRF-SR2-PF
Pre-Filter - 5 pack

- Extends life of particle filter



PRF-SR2-SPRK
Spark Guard

- Reduces grinding and welding material entering and damaging blower

BELTS, BACKPACKS AND STRAPS



PRP-SR2-SBLT
Standard Belt



PRP-SR2-FRBLT-FR
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-HLSHADE5	Headtop Shade 5 Visor
PRP-G4-HTVFA	Headtop Visor Frame Assembly
PRP-G4-HTCHIN	Headtop Chinstrap
PRP-G4-HTFC	Headtop Standard Face Seal

PRP-G4-HTHBUT	Headtop Top Section Headcap Buttons
PRP-G4-HTRIB	Headtop Ribbon
PRP-G4-SW	Headtop Forehead and Back Sweatbands
PRP-G4-LC	Front / Inside Cover Impact Lens
PRP-G4-FTC	Water Resistant Filter Cover

ACCESSORIES



PRH-G4-PCEM
Passive Slimline Earmuffs

- SLC₈₀ 30dB, Class 5



PRP-G4-HLAT
Cap Lamp Attachment

- Suits blade style headlights



PRG-G4-TOVF
Disposable Visor Film 10 Pack



PRP-SR2-QRBT1
Quick-Release Hose

POWERED AIR PURIFYING RESPIRATOR (PAPR) COMPLETE KIT

PRODUCT CODE: PRK-G4SR2P-1

The VanguardG4 PAPR Complete Kit delivers advanced protection for respiratory, eye, face, and head safety. Designed for versatility and ease of use, the VanguardG4 excels in a wide range of applications and environments.

FEATURES

- **Lightweight, Portable Design:** Provides respiratory, eye, face, and head protection while providing constant airflow.
- **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).
- **Quick Charging Lithium Battery:** Charged to 80% in 1 hour, Fully charged in 3 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 screen blocks sparks igniting filters.
- **IP54-rated:** Providing limited protection from dust and water in industrial environments.

APPLICATIONS

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



KIT CONTAINS

- Headtop
- Quick Connection 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)
- Belt Assembly (PRP-SR2-SBLT)
- Tear Off Visor Film - 10 Pack (PRP-G4-TOVF)
- Carry/Storage Bag

STANDARDS

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

OPTIONAL ACCESSORIES

- **Filter Options:** Supplied with a P3 Particle Filter (PRF-SR2-P3). Additional filters available include Gas Filter (PRF-SR2 ABEK1) and Odour Filter (PRF-SR2-OD).
- **Earmuff Options:** Passive (PRH-G4-PCEM) and Active (PRH-G4-ACEM) Earmuffs available separately. Earmuffs utilise military-style slide mounts on headtop.
- **Battery Options:** Standard Battery 3200 mAh (PRP-SR2-BATS), Extended Battery 6400 mAh (PRP-SR2-BATEX).
- **Battery Charger:** 4 Battery Bank Charger.
- **Decon Belt** (PRP-SR2-DBLT).