

PHANTOM VISION

ADVANCED POWERED AIR RESPIRATOR



A VISION OF THE FUTURE

THE FUTURE OF POWERED AIR RESPIRATORS.

After extensive research with users and industry specifiers Scott Safety introduced Phantom Vision specifically to enhance and improve the experience of powered respirator users.



- Scott has provided the products of choice in the asbestos removal and nuclear power industries for over 20 years. Now Phantom Vision has evolved from continued research and collaboration to meet and exceed the increasingly demanding needs, not only of these industries but anywhere full facemask protection is required.
- **PROVEN NEW TECHNOLOGY**
 - The new high performance brushless motor provides reliable full- shift operation and a long service life.
 - The lightweight battery pack uses lithium-ion cells to eliminate re-charge memory issues.
 - Through life maintenance costs are minimised by high levels of water ingress protection, protected power contacts and custom electronic motor control.
 - Now with potted motor as standard for enhanced moisture protection
- **SUITABILITY AND PERFORMANCE**
 - The new Phantom Vision provides 160 litres per minute airflow, for a minimum of 8 hours, from each re-charge.
 - Phantom Vision is available in three sizes to suit the widest range of users.
 - Current PAPR users were consulted extensively, and many features of Phantom Vision were designed specifically in response to customer input.
- **DECONTAMINATION, CLEANING AND MAINTENANCE**
 - Phantom Vision can continue operating while the wearer uses a decontamination shower.
 - Even the exhale valve cover has been re-designed specifically to avoid trapping fibres or particles, and to direct shower water away from the valve.
 - After use it is quick and easy to disassemble for further cleaning. All parts are wipe clean or washable, and re-assembly is just as straightforward.
- **LOW COST OF OWNERSHIP**
 - Maintenance downtime is minimised by straightforward 'between use' and service requirements, and all major parts are modular for rapid replacement.
 - The Vision faceseal has a proven 12 year service life and is easy to replace.
 - There is no need to replace filter stocks as Phantom Vision uses the proven current design of filters.
- **EASE OF USE**
 - The rotary connection to the mask allows the power cable to be freely directed to suit the wearer.
 - The easy-grip battery pack twist-locks onto the belt mounted connection plate and is rotated to power Phantom Vision on and off.
 - Phantom Vision is supplied in a sturdy re-useable carry case to keep it clean and safe during transit and storage.



High performance brushless motor providing 160 litres per minute air flow.

High levels of comfort, available in 3 sizes for greater user acceptance

Water ingress protection allows continued operation in decon shower

Optically correct, distortion free visor with unrestricted field of vision (98%)

Lightweight battery pack with full shift operation and long service life



Scott Distributors, Customer Services and Field Sales are committed to providing the best customer support and will be pleased to assist with and advise on your training, fit-testing and product service requirements.

Scott Safety supply to a network of Specialist Distributors with whom we work in close partnership to provide the highest levels of technical support and advice.

Our Specialist Distributors are also trained and audited to provide regular servicing, maintenance and re-certification of product to the exacting requirements of all local Legislative Authorities and Industry Governing Bodies.

ELECTRONICALLY CONTROLLED MOTOR

The new motor and fan unit is the central power house of Phantom Vision. The positive snap-lock locating system replaces the 'o' ring seal pressure fit of previous models, providing the reassurance of intuitive assembly after cleaning and maintenance. This snap-lock system also provides the power contact, eliminating the need for a direct cable connection to the motor. The fan outlet air guide is integral with the motor body and is engineered to direct the airflow at the visor, preventing misting and providing long term comfort for the wearer.

The new brushless motor has been run continuously for many thousands of hours during development testing to prove its reliability and to ensure that Phantom Vision will provide low cost of ownership and minimised through-life maintenance costs.



These products should not be used in atmospheres immediately dangerous to life, in confined spaces or in atmospheres deficient in oxygen (less than 19.5%).



A Vision of the future.

Delivering unrivalled full-shift comfort and an unrestricted field of vision, Phantom Vision provides reliability, durability, and simplified maintenance between uses.

SPECIFICATIONS & ORDERING INFORMATION

PHANTOM VISION - ADVANCED POWERED AIR RESPIRATOR

Approvals

CE Certified to EN12942 Class TM3

Assigned Protection Factor (BS4275) - 40

Phantom Vision	
Part Number	Description
2018779	Phantom Vision M/L system - medium/large size, complete with battery, power belt, charger, PSL filter and storage case.
2018778	Phantom Vision M system - medium size, complete with battery, power belt, charger, PSL filter and storage case.
2018777	Phantom Vision S system - small size, complete with battery, power belt, charger, PSL filter and storage case.

Filters approved for use with Phantom Vision	
Part Number	Description
PF251 or PF251/2	Type PSL - Solid and liquid particulates (dusts, fibres, mists, fumes, bacteria and virus)



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.