

## ▶ **Phantom Vision**

Next generation powered air purifying respirator



### Product description

After extensive research on asbestos and the nuclear industry, the **Phantom Vision** has been specifically designed to exceed the most demanding requirements of these sectors as well as any other industry requiring operators to wear a full face mask.

#### ▶ Proven advanced technology

- New high performance brushless motor for a reliable full-shift operation and a long service life
- A battery pack using lithium-ion cells to eliminate re-charge memory issues
- Through life maintenance costs are minimized by a waterproof design, protected power contacts and custom electronic motor control

#### ▶ Suitability and performance

- The new **Phantom Vision** provides a 160 liters airflow per minute, for a minimum of 8 hours, on one charge.
- The **Phantom Vision** is available in three sizes to suit the widest range of users.
- Current PAPR users were consulted extensively, and many features of the Phantom Vision were designed specifically in response to customer input.

#### ▶ Decontamination, cleaning and maintenance

- The **Phantom Vision** can continue operating while its user is using a decontamination shower
- Even the exhale valve cover has been re-designed specifically to avoid trapping fibers 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 can be wiped clean or washed, and re-assembly is easy and straightforward.

#### ▶ Low ownership cost

- On-site failure risks are minimized by a high ease of use and the small number of operating parts.
- The **Vision** face seal has a proven 12 year service life and is easy to replace.
- There is no need to replace filter stocks as the **Phantom Vision** is compatible with all current filter designs.

#### ▶ Ease of use

- The rotating connection to the mask allows the power cable to be freely directed to fit the user.
- The easy-grip battery pack twist-locks onto the belt mounted connection plate. The user just rotates it to turn on the device.
- The **Phantom Vision** is supplied in a sturdy re-useable carry case for transit and storage.

### Electronically controlled motor



The **Phantom Vision** is powered by the new high performance brushless motor-fan unit with a 160 liters airflow per minute.

The fan is integrated to the motor and injects air in the mask through a deflector system, avoiding internal misting. The new brushless motor operated thousands of hours during its conception in order to ensure a high reliability with low operating costs (*reduced maintenance*).

► **A vision for the future**

Delivering unrivalled full-shift comfort and an unrestricted field of view, the **Phantom Vision** provides reliability, durability, and simplified maintenance.

**Specifications and ordering information**

**Phantom Vision**

Reference	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

**Approved filters for use with Phantom Vision**

Reference	Description
PV251 or PF251/2	Type PSL - Solid and liquid particulates ( <i>dusts, fibers, mists, fumes, bacteria and virus</i> )
Approval Pending	Type APSL – Gases and organic vapors with a boiling point above 65°C with solid or liquid particles
Approval Pending	Type ABEKHgPSL – Gases and organic vapors with a boiling point above 65°C, gases and inorganic and acid vapors, ammonia and organic ammonia derivatives, mercury and mercury compounds + solid and liquid particles

**Certification**

CE Compliant - EN12942 Class TM3  
Assigned Protection Factor (BS4275) – 40

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

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

High performance brushless motor providing a 160 liters airflow per minute

Water ingress protection allows continued operation in decon shower

Lightweight battery pack with full shift operation and long service life



**These products should not be used in atmospheres that are immediately life threatening, in confined spaces or in atmospheres that are deficient in oxygen (less than 19.5%).**

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