

Vortex PAPER

Powered Air Purifying Respirator

Issued November 2011



VORTEX - CLASSIC BLACK P/N - 236001



VORTEX - INFERNO P/N - 236002

QUICK SPECS

INDUSTRIAL APPLICATIONS

Manufacturing
Fabrication
Stainless Steel
Flux Cored

BATTERY LIFE

8 hours [low setting]
6 hours [high setting]
Charging Time: 3 hours

FLOW RATES

Low 160 litres/minute
High 200 litres/minute

DUAL AIR SPEEDS allows the user to adjust the air volume for a variety of working conditions – 160 and 200 litres/minute.

LIGHTWEIGHT LITHIUM ION BATTERY delivers 8 hours of operation on low setting and 6 hours on high setting. No memory retention from frequent charging. 3 hours to charge.

LIGHTWEIGHT BLOWER UNIT DESIGN for operator comfort.

BACK HARNESS evenly distributes the weight of the unit over the entire upper body, keeping operator fatigue to a minimum when welding for long periods.

TWIST LOCK HOSE CONNECTION DESIGN eliminates air leaks and makes connecting and disconnecting quick and easy.

HOSE COVER protects from sparks and abrasion for extended life.

AUDIBLE AND VIBRATING ALARMS notify the operator of blocked filters or air blockages.

LED BATTERY METER allows the operator to keep track of remaining power.

FLOW METER allows the operator to check air volume output. This ensures the life of every filter is maximised.

MILLER'S DIGITAL ELITE AUTO-DARKENING LENS features in the helmet – weld, cut and grind!

HIGH IMPACT RATING both the helmet shell and lens meet ANSI Z87.1-2003 [High Impact] standard.

REPLACEABLE FILTER CARTRIDGE

OPTIONAL MAGNIFYING LENS AVAILABLE

REINFORCED HEAD SEAL for durability. Fully washable.

TOOL BAG holds PAPER and other welding accessories.



Vortex PAPR

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DIGITAL LENS TECHNOLOGY

WELD	Suits MIG, Stick, TIG, Flux Cored and Pulse welding processes. Shades 9-13.
CUT	Suits plasma, laser, gas welding and cutting applications. Shades 5-9.
GRIND	Suits weld preparation and clean-up. Fixed shade 3.
X-MODE	Electromagnetic arc sensing technology eliminates sunlight interference, intermittent sensing (pipe), low amperage lens openings (TIG) and obstructed sensors. Shades 9-13.



PARTS AND ACCESSORIES

Battery Charger	P/N - 236010
Replacement Battery	P/N - 236011
Replacement Hose	P/N - 236012
Replacement Head Seal	P/N - 236013
Replacement Filter Cover	P/N - 236014
Pre-Filter (Pack 10)	P/N - 236015
Replacement Particle Filter	P/N - 236020
Replacement Belt	P/N - 236030
Replacement Back Harness	P/N - 236031
Tool Bag	P/N - 236099

COMES COMPLETE WITH:

- Compact Blower Unit
- Miller Digital Elite Helmet with Head Seal
- Particle Filter
- Belt & Back Harness
- Battery & Battery Charger
- Air Flow Meter
- Tool Bag

STANDARDS

Vortex PAPR Unit: complies with AS/NZS 1716:2003 PAPR-P2.

Miller Auto-Darkening Helmet (Shell/Lens): complies with ANSI Z87.1-2003 [High Impact].

The Vortex complies with AS/NZS 1716:2003 PAPR-P2. WIA will not take responsibility for respiratory protective equipment that is chosen incorrectly. Some welding environments may contain dangerous levels of poisonous gases that are not suitably filtered by a particle filter. Vortex is not suitable for environments that contain poisonous gases or have an oxygen deficiency. It is the purchasers' responsibility to ensure their workplace is tested adequately for fume hazards and adequate extraction and ventilation is used in confined space applications.