

**ISO9001**  
CERTIFIED COMPANY



# **rpb**® **23 WELDER**

**ADVANCED WELDING PROTECTION**

## THE ULTIMATE IN RESPIRATORY PROTECTION AND OPTICAL QUALITY

The RPB® Z3 Welder combines respiratory protection with breakthrough optical technology, providing welding professionals with a comfortable working environment. Features on the RPB® Z3 surpass even the most rigorous industry standards and the demands of the most quality conscious companies.

Designed to advance your safety, and increase your productivity, the RPB® Z3 has a host of features that maximize its lifetime value.

### SAFETY ABOVE ALL ELSE

Rigorous safety standards not only protect valued workers, they also maximize efficiency and maintain a company's hard earned reputation as suppliers and employers.

RPB® tested the Z3 using all conventional safety testing and rigorous field-testing. The Z3 meets safety standards worldwide, including NIOSH, ANSI Z87.1-2010+ Eye Protection, CE and Australian standards.

It's that uncompromising approach that characterizes RPB®'s design and the high standards and ethics we set in everything we do. Because jobs and lives depend on our products, RPB® makes certain they won't let anyone down.

### COMFORTABLE WORKERS ARE SAFE WORKERS

The RPB® Z3's design and engineering advances the level of safety in the workplace, from the shell which is made from high performance nylon that withstands extreme temperatures without distortion, to the adjustable airflow disperser, providing you with a comfortable fume free breathing zone. You can see the attention to detail that has been put into making the Z3 the professional welders product of choice.

### KEEP AN EYE ON THE DETAIL

The RPB® OCV filter has advanced angular dependence control which provides uniform shading and distortion free vision across the entire viewing area; this means you can see clearly whilst working at many different angles. You can enjoy superior color definition in both the open and activated state, allowing you to easily identify heat definition and displays on equipment.



THE Z3 PROVIDES CLEARER VISION AND LESS DOWNTIME, TAKING RPB®'S MISSION OF ADVANCING YOUR SAFETY AND INCREASING YOUR PRODUCTIVITY TO A WHOLE NEW LEVEL.





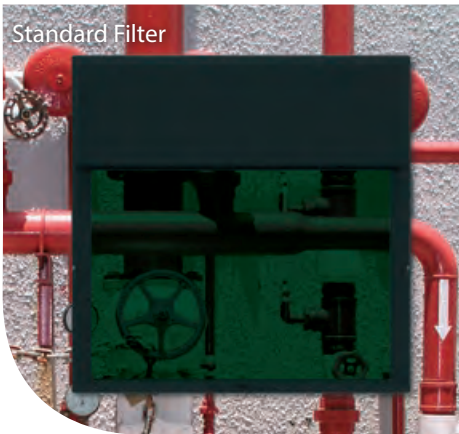


# THE BEST VIEWING ON THE MARKET PLUS 3 YEAR WARRANTY

## OPEN STATE

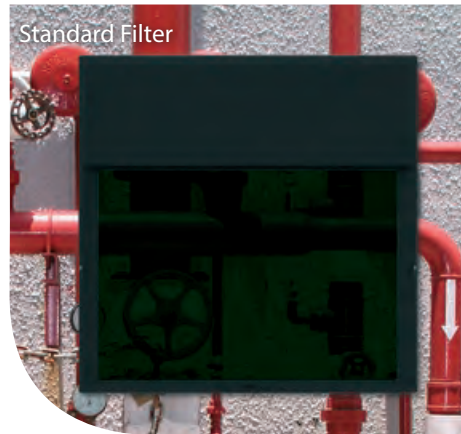
### RPB® OCV Color Definition –

The OCV Filter range offers superior color definition in both the open and activated state, allowing you to clearly see LED displays on machines and equipment, whilst also identifying heat definition on the actual weld.



## CLOSED STATE

RPB® OCV Optical Quality – The OCV filter boasts a 1/1/1/1 optical quality rating, which is the world's best. What this means for you as an operator is a clear view from a wider range of angles which reduces eye fatigue and the need to keep adjusting position increasing your productivity.

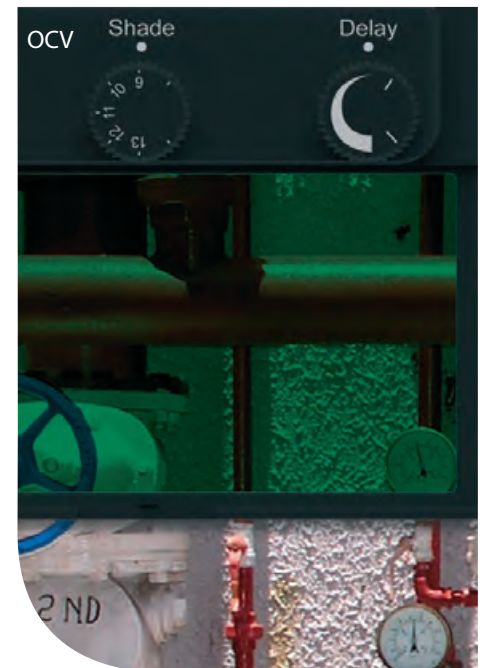


## 40% MORE VIEWING WITH OCV ULTRA

### RPB® OCV ULTRA ADF (110x110)

Viewing Area: 10.1 square inches (3.78" x 2.68")

- Light State: Shade 4
- Dark State: Selectable Shades 9-13
- Fast, Reliable Switching Speed: 0.15ms at 73°F / 23°C
- User adjustable delay from dark to light (0.2 to 0.8 seconds)
- Temperature Range: 14°F to 140°F / -10°C to +60°C
- Weight (ADF only): 5.64 oz / 160g
- Sensors: 2, it is the quality not the quantity of sensors that provide the fast reaction time of the filter





## SINGLE HANDED LENS REPLACEMENT

- Sensitivity and Delay Adjustment on Case
- Solar powered – no batteries to change
- Best optical quality in industry
  - 1/1/1/1 DIN Rating
- Highest quality wide view ADF available
- Suitable for all types of electro-arc welding, including covered electrodes, MIG/MAG, TIG/WIG, plasma welding and cutting. NOT FOR LASER OR GAS WELDING
- Accommodates standard 4" x 5" front cover lens
- Adapts to standard magnifying lens
- Constant UV/IR protection
- 3 year warranty

Save time replacing protection lenses with the quick and easy single handed ADF replacement.



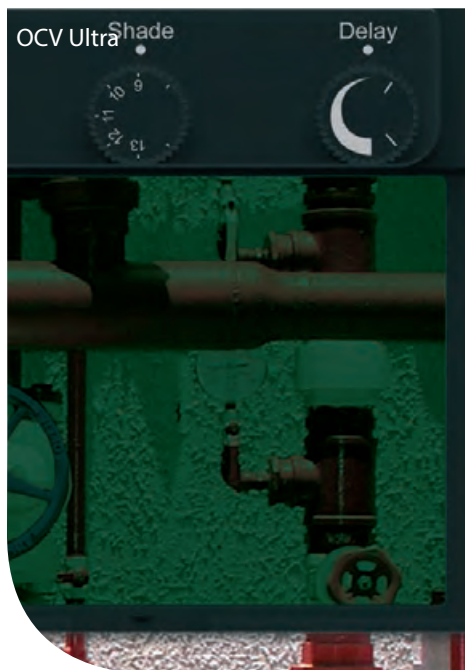
Front Loaded ADF



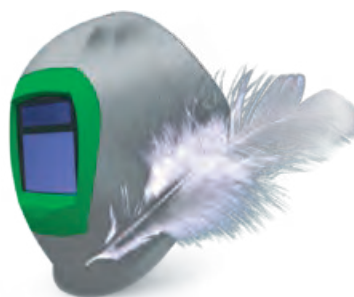
Front Loaded Front Protection Plate



Quick and easy replacement of Front Protection Plate



Optimum protection of the face, ears and throat



Lightweight Helmet  
399g without ADF





2

5

4



Adjustable direction of airflow

\* Shown without face seal

7

- 1 Heat reflecting light grey shell manufactured from high temperature impact resistant nylon.
- 2 Aerodynamic shell design for greater fume deflection
- 3 Center positioned air inlet
- 4 Integrated airduct brings the airflow right to the breathing zone
- 5 Hose support, to help keep balance and free movement of helmet
- 6 Enlarged mouth and nose area reduces CO<sub>2</sub> accumulation
- 7 Smooth rounded edge for increased comfort



ANSI Z89.1 head protection is provided by using the optional hard hat.



Easy-to-replace face seal



Magnifying Lens, offers visual assistance for those who need additional magnification during detailed applications

## BREATHE EASY

Select from the Constant Flow Valve or Flow Control Valve which provides you with the ability to adjust the airflow to your preference.



03-101 Constant Flow



NV2016 Flow Control Valve

# NIOSH

Type C Supplied Air Respirator



## CHECK OUT SOME OF OUR OTHER PRODUCTS

### RPB® Z100 SERIES RESPIRATOR

The RPB® Z100 Series respirator is manufactured from RPB® Zytec® material which meets the NFPA requirements for flame resistance and provides tough, abrasion resistant but lightweight protection during grinding, brazing and other power tool applications which require respiratory protection and ANSI Z87.1+ eye protection.



### AIRLINE FILTRATION

The RPB® RADEX AIRLINE FILTER™ offers increased capacity, versatility and filtration. This optional equipment combines the versatility of either floor or wall mounting with increased filtration capacity, enabling customization to meet worker's needs and working environments.



### AIR QUALITY MONITORING

The RPB® RADEX CO MONITOR™ helps ensure worker safety with a unique traceability feature that monitors and records carbon monoxide levels, and temperature. This data provides certainty of monitor functioning and can be stored for up to two years allowing analysis of plant and field air quality.



### YOUR DISTRIBUTOR:

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800-364-5452

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YOUR SAFETY

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#### WARNINGS:

Read all instructions and warnings before assembling and using the RPB® Z3 welding respirator. Failure to adhere to all instructions and warnings could result in serious injury or death. Do not use this respirator until you have been trained in the respirator's use, maintenance and limitations by a qualified individual (appointed by your employer) who has extensive knowledge of the RPB® Z3 Respirator. Do not use this respirator in abrasive blasting applications. Do not modify or alter this respirator. Use only NIOSH approved RPB® components and replacement parts. The use of non-approved parts voids the NIOSH approval of the entire respirator assembly. Improper use of this respirator or use not in accordance with the User Instruction Manual may cause injury or death. Improper use may also cause life threatening delayed lung, skin and eye disease. The RPB® Z3 Welding Helmet is manufactured to protect the welder's face against spatters and hazardous ultraviolet and infrared rays emitted during the welding process. It is not intended to be used as a protection against impact, flying particles, molten metals, corrosive liquids or hazardous gases.

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