

POWERED AIR PURIFYING RESPIRATOR

VIKING™ PAPR 3350 Welding Helmet

LINCOLN[®]
ELECTRIC
THE WELDING EXPERTS[®]

Certified Product
Australian Standard
AS/NZS 1716:2012 PAPR-P2
LIC 40743
SAI GLOBAL



Blackwoods Part Number: 0167 0781

Comfort, performance and efficiency

Clear The Air On Welding Safety

Where welding operations are concerned, safety is directly connected to air quality. When welding must be performed in enclosed or other areas where it is difficult to provide effective ventilation or otherwise control exposure to welding fume, the last line of defense is personal protective equipment for the individual operator. The VIKING™ PAPR (Powered Air Purifying Respirator) provides effective air-purification solution all-day long.

1/1/1 optical clarity

The VIKING™ PAPR is a complete system that purifies ambient air from the shop and delivers filtered, breathable air for as much as eight hours without interruption. The two-speed blower drives air through the hose to a VIKING™ 3350 helmet rated for a perfect 1/1/1 optical clarity. A patent pending adjustable baffling system inside the helmet directs air away from eyes to keep them from getting dry. The PAPR system complies to Australian standard AS/NZS 1338-1 and AS/NZS 1716:2012 class P2. The system has a respiratory protection class TH2 [EN 12941]. Proper ventilation may not always be an option in every welding environment.

Bring fume protection and filtered air directly to the operator in difficult environments and keep it there all day with the PAPR.

Click Here to contact your local welding specialist



Processes

Stick, DC TIG, MIG, Flux-Cored, Arc Gouging

Applications

Fabrication, Production, Shipbuilding, Construction

Mfr No.

Viking PAPR 3350: K3930-2

What's included

- Blower unit
- VIKING 3350 black helmet
- Head cover
- Hose
- 2 particulate filters
- 736mm to 1,321mm padded belt
- Shoulder strap
- 220V battery charger
- Rechargeable battery
- Pre-filter
- Spark guard
- Hose cover
- Extra helmet cover lenses: inside 2 pieces, outside 5 pieces
- Duffel bag and instruction manual

Blackwoods

13 73 23  blackwoods.com.au

See Clearly Now

4C™ Lens Technology

The new 4C ADF Technology improves the performance of the lens in the 4 most important categories to the welder:

1. Clarity - Optical Clarity 1/1/1
2. Color - Real Color View
3. Carat - Light Weight
4. Cut - Even Shade From Any Angle

The 4C Lens Technology upgrade to Lincoln Electric's VIKING™ PAPR 3350 welding helmet – improves visibility and reduces eye strain by minimizing the traditional lime green coloring in the helmet view screen.

4C technology is ideal for a range of industries such as general fabrication, power generation, shipbuilding, structural, offshore and pipeline that use multiple welding processes, including Stick, MIG and TIG. Whatever the task at hand, 4C technology gives you a clear view to productivity and quality.



Inactive State



Previous 1/1/1 Inactive



NEW 4C Inactive

Active State



Previous 1/1/1 Optical Clarity



NEW 4C 1/1/1 Clarity

What is 4C™ Technology?

Dare to compare visit:
www.bit.ly/4CLens



VIKING PAPR – Plenum

Two air flow baffles allow users to adjust the air for maximum comfort and prevent drying of the eyes.

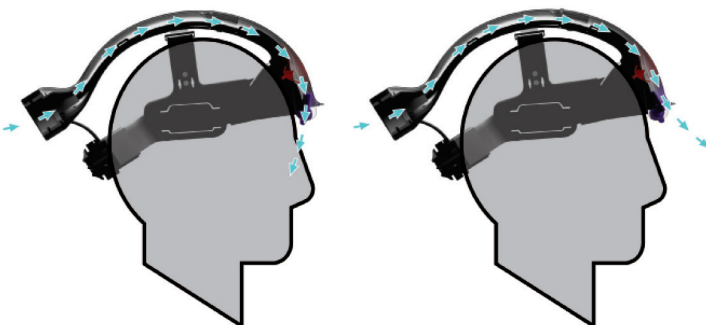
First baffle (Red)

Controls ratio of air over forehead vs temples.



Second baffle (Purple)

Directs air closer or further from your face.



Why VIKING™ PAPR 3350?

- Lightweight and comfortable**
 The blower weight is 998g while the entire system weighs in at 2.8 kg, most of which is in the belt pack and hose and away from the head and shoulders. The low-profile blower in the belt unit allows unrestricted movement.
- Lasts all day (and then some)**
 Operators can work a full shift (or more) without interruption. The PAPR comes with a standard battery that outpaces the battery life of competing systems. Additionally, Lincoln offers an extended battery which has a run time of up to 16 hours. This extra battery capacity provides flexibility when working overtime and is a safeguard when the system is not recharged overnight. The system also has audible and vibrating alarms to signal when the battery is low.
- Two speeds, consistent delivery**
 The PAPR system maintains a positive pressure at two speeds: 180 and 210 litres per minute. The system automatically adjusts fan speeds to keep airflow constant.

Why Lincoln Electric?

- Extensive Welding Range**
 Lincoln Electric is the world leader in the design, development and manufacture of arc welding products, automated joining, assembly and cutting systems, plasma and oxy-fuel cutting equipment and has a leading global position in brazing and soldering alloys.
- International brand recognition**
 Headquartered in Cleveland, Ohio USA, Lincoln Electric has 59 manufacturing locations in 18 countries and a worldwide network covering more than 160 countries.
- Reliability and expertise**
 Having a trusted welding partner is essential for your productivity and profitability in order to operate at the highest level. It's all about our customers.

Quality products and great service are both important parts of our business, but it's our unmatched welding expertise that sets us apart.

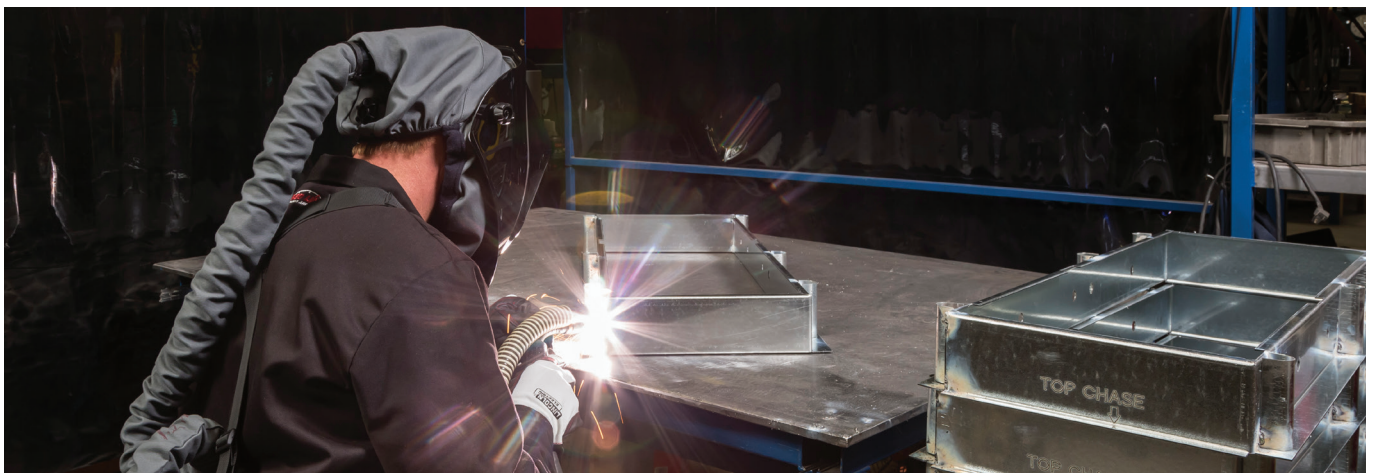
If there's a better way for you to weld, we'll help you find it.

**CLICK HERE TO
VIEW THE LINCOLN
ELECTRIC RANGE**



SPECIFICATIONS

Mfr No.	K3930-2
Part Number	0167 0781
Size of Blower Assembly (W x T x D)	203 x 191 x 76 mm
Weight of Blower (incl. battery, belt & filters)	1.0 kg
Air Flow	Low Speed: 180+ lpm (6+ cfm) High Speed: 210+ lpm (74+ cfm)
Operating Temperature	-5° to 55°C
Battery Type	Lithium Ion (Rechargeable)
Battery Charge Time	Three hours
Battery Charges	500 charges
Belt Size	736 to 1321 mm (max. 1524 mm with belt extension accessory)
Respirator Approval	EN12941-1998/A2 2008 - CLASS TH2P
Assigned Protection Factor	TH2
Helmet Replacement Battery	CR 2450
Battery Life	8 Hours
Charge	220 Volt Input
Alarms	Audible and Vibrate
Head Gear	FR Flame Retardant
Optical Class	1/1/1 (per EN 379)
Lens Switching Speed (sec)	1/25,000
Variable Shade/Control	5-13 Internal
Magnifying "Cheater" Capable Lens	Yes
Grind Mode Shade/Control	3.5 Internal
Light Sensitivity Control	Continuous
Delay Control Dark to Light (sec)	0.1 -1.0 Fully Adjustable
Arc Sensors	4
TIG AMP Rating	DC > 2 Amp - AC > 2 Amp
Helmet Compliance	CE, ANSI Z87.1-2010, CSA Z94.3
Cartridge Size	133 x 114 mm
View Size	95 x 85mm
Blower Assembly	1 Year Warranty
ADF Helmet	3 Year Warranty



REPLACEMENT PARTS

Item Number	Description	Package Quantity	Part Number
KP2898-1	Outside Cover Lens - 114 x 133 x 1 mm	5	0213 0516
9SS27978-32	Outside Cover Lens Seal	1	0307 6239
KP3045-3	3350 Auto-Darkening Lens	1	0323 2911
KP3044-1	Inside Cover Lens - 94.7 x 89.7 x 1 mm	25	0403 2527
9SS27978-33	Lens Holder	1	0307 6256
KP3942-1	Headgear (including plenum and sweatband)	1	0307 6154
KP3943-1	Sweatband	12	0323 2928
KP3940-1	Headcovering (with hook and loop attachment)	1	0307 6120
KP3944-1	Blower Assembly (package includes filter cover assembly)	1	0307 5882
KP3937-1	Battery Pack – Standard (up to 8 hours)	1	0204 0395
KP3938-1	Battery Pack – Extended (up to 16 hours)	1	0307 5848
KP3934-2	HE Filter Assembly	2	0403 2510
KP3935-1	Pre-filter	6	0403 2493
KP3936-1	Spark Screen	1	0307 5831
KP3932-1	Battery Charger	1	0307 5865
KP5123-1	PAPR Belt Assembly	1	0307 5899
KP5124-1	Shoulder Strap Assembly	1	0307 5916
KP3939-1	Belt Extension (extends belt to 1524mm)	1	0307 5933
KP5122-1	Hose Assembly with Cover	1	0307 5967
KP3046-100	Cheater Lens 1.00 MAG - 51x108 mm FRAME, 1.0 MAG	1	0213 0533
KP3046-125	Cheater Lens 1.25 MAG - 51x108 mm FRAME, 1.25 MAG	1	0213 0550
KP3046-150	Cheater Lens 1.50 MAG - 51x108 mm FRAME, 1.5 MAG	1	0213 0567
KP3046-175	Cheater Lens 1.75 MAG - 51x108 mm FRAME, 1.75 MAG	1	0213 0584
KP3046-200	Cheater Lens 2.00 MAG - 51x108 mm FRAME, 2.0 MAG	1	0213 0601
KP3046-225	Cheater Lens 2.25 MAG - 51x108 mm FRAME, 2.25 MAG	1	0323 2945
KP3046-250	Cheater Lens 2.50 MAG - 51x108 mm FRAME, 2.5 MAG	1	0323 2962
K3096-1	Duffel Bag	1	0323 2979



CUSTOMER ASSISTANCE POLICY

Lincoln Electric® business is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric® for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric® is not in a position to warrant or guarantee such advice and to the extent permitted by law assumes no liability, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given. The provision of information or advice does not create, expand or alter this warranty. Lincoln Electric® is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric® is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric® affect the results obtained in applying this type of fabrication methods and service requirements. Subject to Change – This information is accurate to the best of our knowledge at the time of printing.