

The OptimAir® TL Powered Air Purifying Respirator

FEATURES & BENEFITS

OPTIMAIR® TL POWERED RESPIRATOR



ALARMS



Features

- Audible and visible low flow alarm.
- Audible and visible low battery voltage alarm.
- Audible alarms are designed to travel through the breathing tube.
- Low flow and low battery audible alarms each have unique sounds.

Benefits

- Alerts the user when minimum flow is compromised.
- Alerts the user when battery charge condition allows approximately 15 more minutes of operation.
- Alarm sounds will be emitted at the user's ear, easily heard in noisy atmospheres.
- User can easily distinguish between fault conditions.

HOODS



Features

- The OptimAir TL PAPR hoods can be worn with a hard hat.
- All hoods incorporate an oversized, optically improved lens.
- Two hose-to-hood connections: threaded and spring clamp.
- All hoods available in a 4-pack with suspensions included.
- Choice of single or double bib Tychem® QC and Tychem SL hoods. (yellow QC also available)

Benefits

- Useful in applications where overhead hazards exist.
- Provides a greater field of vision with less distortion.
- Users may choose connection based upon the application.
- More economical than buying single hoods.
- The right protection for chemical or non-chemical exposures.

FACEPIECES



Features

- Approved with Advantage 3100, 4100 and Ultra Elite
- Approved for use with MSA Optimizer

Benefits

- No need to purchase different facepiece if these are on hand.
- Loose-fitting respirator for unique applications

BATTERIES AND CHARGERS



Features

- Standard and extended run time battery packs available.
- Smart chargers are standard for both battery packs and include LED indicators.
- Kidney shaped battery pack design with recessed release button.

Benefits

- User's choice depending upon the work's duration.
- No risk of overcharging and charge condition is easily monitored
- The user cannot install the battery incorrectly and the recessed battery release button helps to prevent accidental battery release.

CARTRIDGES

<i>Features</i>	<i>Benefits</i>
Combination Cartridge switch mounted inside cartridge receptacle.	When combination cartridges are in use, switch automatically activates, setting blower speed at required levels which optimizes battery performance.
Choice of 3 cartridges: HE (hi-efficiency), OV/AG-HE, and AG/Ammonia/Formaldehyde/Methylamine-HE	OptimAir TL is ideal for use in many different work environments.
All cartridges include an "O" ring sealing gasket, made from a special material that helps to ensure a secure, tight fit while gripping the housing.	Eliminates the need for cartridge housing gasket maintenance, as gaskets typically become distorted or are lost. User can have confidence that a good seal results from only cartridge hand-tightening.
Spark and water protective cover available	Keeps sparks and water from entering the cartridge.
Cartridge receptacle protective covers are available as an accessory.	Plastic caps protect the blower from dirt and moisture during cleaning or while in storage.

COMFORT / DURABILITY / INNOVATION / SAFETY

<i>Features</i>	<i>Benefits</i>
Ergonomic, slightly curved blower module and battery housing design.	Easier access in tight working areas.
Lightweight	User comfort for extended periods of time.
Breathing tube positioned close to the user's body.	Helps prevent snagging, which may compromise the user's air supply.
Magnetized breathing tube automatically sets proper air flow from blower.	The blower only delivers the necessary flow for the headgear chosen. Blower will not over-produce air, which can be uncomfortable for the user. This feature also optimizes battery performance.
Crush Proof breathing tube.	Eliminates worry of hose collapse or squeezing in tight quarters.
Blower module, battery, and cartridges are housed together.	Eliminates cords and cables which can get snagged in tight working conditions.
Comfort belt available as an accessory.	Ideal for non-decon conditions, providing a softer feel around the waist.
Delayed on/off switch. Switch must be held down 3-5 seconds to turn unit on/off.	Prevents accidental blower shutdown while in use.
Decon belts are included with each OptimAir TL PAPR kit.	Device can be easily cleaned and decontaminated after use.
Decon cover available in clear and yellow.	Plastic decon cover is designed exclusively for the OptimAir TL PAPR and fits snugly over the blower housing and hose, preventing hazardous material from gathering on the blower housing and hose.
APF of 1,000 (loose-fitting hoods and full facepieces).	Can be used in highly contaminated environments.
Internal pressure sensor compensates for changes in altitude.	Blower will generate proper flow rates and alarm limits regardless of the altitude where used.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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Corporate Headquarters
P.O. Box 426, Pittsburgh, PA 15230 USA
Phone 412-967-3000
www.MSAnet.com
Customer Service Center
Phone 1-800-MSA-2222
Fax 1-800-967-0398

MSA Canada
Phone 416-620-4225
Fax 416-620-9697

MSA Mexico
Phone 52-55 21 22 5770
Fax 52-55 5359 4330

MSA International
Phone 412-967-3354
FAX 412-967-3451

