

Sentinel EZ BioHood™

Protective PAPR Hood for Healthcare Workers on the Frontlines

COVID-19 and other infectious diseases threaten the safety of heroic healthcare workers. The Sentinel EZ BioHood by ILC Dover offers 100x the protection of an N-95 mask, providing superior respiratory protection to healthcare workers on the frontline and enabling them to provide continued care to patients. The hood's unique design makes it intuitive to use, easy to use, store, and workers do not need to be fit-tested to wear it effectively.

FEATURES

Superior protection

- 1,000 APF* provides 100x the protection of an N-95

Readily Available

- Produced in our Frederica, DE facility, this hood is available for rapid shipment.

No fit-testing required for wearers

- Adjustable up to 5 sizes in 1 single-size product
- Reduces logistic burden of carrying multiple sizes

Easy to store

- Compact, lay flat design frees storage space by 50%

Comfortable to wear for long operations

- Breathable loose-fitting neck cuff
- Internal head band provides good stability
- Provides ability to use stethoscope

Wide range of view

- Features a wraparound Clear Visor for superior visibility
- Healthcare worker is clearly visible to the patient

Infectious Disease PAPR

Sentinel EZ BioHood is NIOSH approved (TC-21C-1130) as a loose-fitting hood designed to work with the Sentinel XL® blower system.



Flexible Protective Solutions

We improve efficiency while safeguarding people, product, and infrastructure in hazardous conditions.

LET'S GO
BEYOND BOUNDARIES
TOGETHER.

*Based on manufacturer data

Better Protection. Better Fit. Better System.

The Sentinel XL® EZ BioHood system is a NIOSH-approved powered air purifying respiratory system specifically designed to support front-line healthcare workers.

TECHNICAL SPECIFICATIONS

	MODEL NUMBER	THOMAS No.
PAPR SYSTEM, HP	SXL-HPEZR1 SXL-HPEZA1	20A00L646 20A00L647
SENTINEL BLOWER	S-2002	20A00L708
Material	Rugged, sealed nylon protective shell, with floating polycarbonate internal blower assembly — dual chamber provides enhanced durability	
Weight	1.0 lb (without battery)	
Flow Rate	>230 lpm for HP hood systems	
Noise Level	<73 dB	
Low Voltage Alarm	Flashing LED and buzzer	
Cartridge interface	40 mm (military/NATO style) integration with integral blower gaskets	
EZ BIOHOOD	EZ-03 EZ-25	20A00L648 20A00L649
Assigned Protection Factor	1,000	
Configuration/design	Loose-fitting PAPR with ultra wide field of view	
Material	Clear barrier film	
Visor	PET/Vinyl	
Head Strap	Cushioned — supports a wide range of wearers	
Sizing	Universal	
Breathing Tube	Polyurethane coating over rigid plastic helix	
FILTERS	S-4002-3 S-4002-25	20A00L658 20A00L652
Protections	HEPA	
RECHARGEABLE BATTERY PACK*	S-2003	20A00L650
Composition	Standard NiMH	
Configuration	Sealed external cover with blower connector	
Battery mount	Direct snap-on to blower	
Weight	1.65 lbs	
Nominal Life	8 hours	
Charge/Discharge Cycles	Approximately 500	
Recharge Time	5 hours	
ALKALINE BATTERY PACK*	S-4013	20A00L651
Configuration	Internal receptacles hold D cell batteries with external sealed cover	
Battery mount	Direct snap-on to blower	
Weight	1.95 lbs	
Nominal Life	10 hours (per five Duracell® batteries)	
CHARGER	S-2009	20A00L653
Type	AC/DC for sealed NiMH Battery	
Current	2 amps	
Voltage	6 volts	
Charge type	Auto-switch to trickle charge	
Feedback	Red/green LED	



READY TO ORDER OR SCHEDULE A DEMO?

Contact your ILC Dover representative today - and be sure to request ILC Dover's Sentinel XL EZ BioHood PAPR system for your healthcare needs.



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ISO 9001



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