

INTRODUCING... SPARXLIFT

Welding Helmet for a Supplied Air Respirator System (SAR)

The SparxLift SAR system offers six flow control options while combining face and respiratory protection in a single package for welders and grinders.

INTEGRATED PROTECTION

RESPIRATORY PROTECTION 1,000 Assigned Protection Factor (APF) to the SparxLift helmet protects you from airborne hazards.

EYE PROTECTION Full-time Ultraviolet (UV) and Infrared (IR) filters react to prevent flash in 1/25,000 second.

FACE PROTECTION Clear panoramic polycarbonate lens protects while grinding, and the engineered Nylon Shell provides tough, lightweight, heat resistant protection. The DuPont™ Nomex® shroud completes the protective envelope to cover the remainder of the face and head.

INNOVATIVE DESIGN

AUTOLIFT Unique patented AutoLift design that allows switching from welding to grinding at the push of a button.

BRILLIANT CLEAR X-VIEW Optically correct UV and IR filters combine with ultra-fast low distortion Liquid Crystal Display (LCD) panels to provide the best viewing performance.

Z-SLIDE CARTRIDGE Allows for easy change out and maintenance of the Auto Darkening Filter (ADF).

INTUITIVE TECHNOLOGY

AUTO DARKENING FILTER Eliminates neck strain from “nodding” with fixed shade welding helmets.

INNER SENSE™ Patented feature detects the Radio Frequency (RF) signal produced by Tungsten Inert Gas (TIG) welders to darken the screen before the arc is struck.

ICE COLD AIR FLOW

AC1000 COOL TUBES & DC50 SERIES DUAL COOL TUBES WITH DC70 VEST

Cool the incoming air by 30°F or more to battle heat stress and improve productivity.



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SPARXLIFT



Welding Helmet Technical Specifications

Regulatory Standards	ANSI/ISEA Z87.1-2010 EN175 and EN379	Switching Delay (dark to light)	Low: 0.3 - 0.6s Fast: 0.1 - 0.35s
Helmet Weight (without shroud)	19.6 oz (560 grams)	Power Supply	3V Lithium (CR2032)
ADF Window Size	3.9" x 1.8" (97 x 46 mm)	Battery Life	~3,000 hours
Sensors	(2) Dual UV/IR	Supplementary Power	Solar Cells (Auto On/Off)
Switching Time	1/25,000 second (.04 msec)	Indicators	Low Battery
Shade Level	Inactivated Shade #4 Activated Shades #9-#13	Operating Temperature	23°F to 131°F (-5°C to 55°C)
Sensitivity Adjustment	Dual sensors plus pre-shading (low-high)	Storage Temperature	-4°F to 158°F (-20°C to 70°C)

KEEP COOL WHEN THE SPARX HEAT UP

AC1000 Series Cool Tubes

The AC1000 features an adjustable airflow control valve that allows the user to adjust the incoming air temperature to a level best suited to individual comfort.

- 30°F of cooling
- Adjustable airflow control
- Durable metal construction

Dual-Cool Series

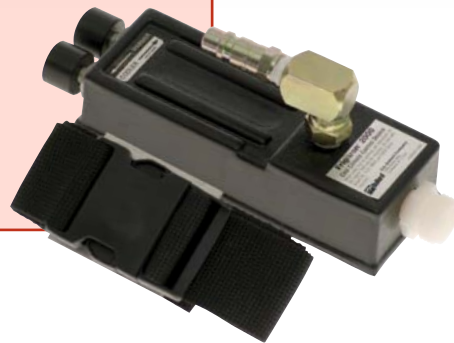
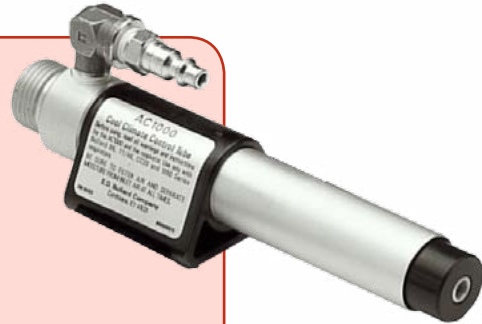
The DC50 Series Dual-Cool Tube assemblies work in conjunction with DC70 Series Vests to provide cooling to both the respirator head top and the wearer's torso. Bullard is the only company to offer this type of NIOSH approved apparatus.

- 30°F of cooling
- Double-action cooling
- Cools respirator and vest
- Adjustable airflow control

Frigitron 2000 Series Cool Tubes

Designed for use with Bullard's ADP20, ICEPUMP11, and EDP30 ambient-air pumps, the Frigitron 2000 cools air by as much as 20°F maintaining worker comfort and maximizing productivity when working in hot, humid environments.

- 20°F of cooling
- Use with Bullard Free-Air® Pumps
- Adjustable airflow control



STAY WARM IN COLD WEATHER



HC2400 Series Hot/Cold Tubes

The HC2400 cools or warms incoming air from compressed breathing air sources.

- 30°F of heating or cooling
- Adjustable airflow control
- Durable metal construction



Ordering Information

Supplied Air Respirator Assemblies

Include welding helmet, shroud, breathing tube with cover, flow control device with nipple, and belt.
*Air Supply Hose must be purchased Separately

SLS1 LF Shroud	SLS2 Hood Shroud	Description
SLS130	SLS230	Continuous Flow Assembly, 1/4" Industrial Interchange Nipple
SLS131	SLS231	Continuous Flow Assembly, 1/4" Schrader Nipple
SLS132	SLS232	Continuous Flow Assembly, 1/4" Snap Tite Nipple
SLS133	SLS233	Continuous Flow Assembly, 1/4" Snap Tite Brass Nipple
SLS134	SLS234	Continuous Flow Assembly, 1/4" Snap Tite Stainless Nipple
SLS135	SLS235	Continuous Flow Assembly, 1/2" Industrial Interchange Nipple for Free-Air® Pumps
SLS137	SLS237	Continuous Flow Assembly, 1/4" CEJN Nipple
SLS138	SLS238	Continuous Flow Assembly, 1/4" Bayonet
SLS140	SLS240	Adjustable Flow Assembly, 1/4" Industrial Interchange Nipple
SLS141	SLS241	Adjustable Flow Assembly, 1/4" Schrader Nipple
SLS142	SLS242	Adjustable Flow Assembly, 1/4" Snap Tite Nipple
SLS143	SLS243	Adjustable Flow Assembly, 1/4" Snap Tite Brass Nipple
SLS144	SLS244	Adjustable Flow Assembly, 1/4" Snap Tite Stainless Nipple
SLS147	SLS247	Adjustable Flow Assembly, 1/4" CEJN Nipple
SLS148	SLS248	Adjustable Flow Assembly, 1/4" Bayonet
SLS1AC100030	SLS2AC100030	AC1000 Cool Tube Assembly, 1/4" Industrial Interchange Nipple
SLS1AC100031	SLS2AC100031	AC1000 Cool Tube Assembly, 1/4" Schrader Nipple
SLS1AC100032	SLS2AC100032	AC1000 Cool Tube Assembly, 1/4" Snap Tite Nipple
SLS1AC100033	SLS2AC100033	AC1000 Cool Tube Assembly, 1/4" Snap Tite Brass Nipple
SLS1AC100034	SLS2AC100034	AC1000 Cool Tube Assembly, 1/4" Snap Tite Stainless Nipple
SLS1AC100037	SLS2AC100037	AC1000 Cool Tube Assembly, 1/4" CEJN Nipple
SLS1AC100038	SLS2AC100038	AC1000 Cool Tube Assembly, 1/4" Bayonet
SLS1HC240030	SLS2HC240030	HC2400 Hot/Cool Tube Assembly, 1/4" Industrial Interchange Nipple
SLS1HC240031	SLS2HC240031	HC2400 Hot/Cool Tube Assembly, 1/4" Schrader Nipple
SLS1HC240032	SLS2HC240032	HC2400 Hot/Cool Tube Assembly, 1/4" Snap Tite Nipple
SLS1HC240033	SLS2HC240033	HC2400 Hot/Cool Tube Assembly, 1/4" Snap Tite Brass Nipple
SLS1HC240034	SLS2HC240034	HC2400 Hot/Cool Tube Assembly, 1/4" Snap Tite Stainless Nipple
SLS1HC240037	SLS2HC240037	HC2400 Hot/Cool Tube Assembly, 1/4" CEJN Nipple
SLS1HC240038	SLS2HC240038	HC2400 Hot/Cool Tube Assembly, 1/4" Bayonet

Replacement Shrouds

Item	Description
SLS1	SparxLift Loose-Fitting Facepiece 25 APF Shroud
SLS2	SparxLift Full Hood 1,000 APF Shroud

Replacement Helmet

Item	Description
SLH	SparxLift Helmet

Replacement Helmet Parts

Item	Description
SLADF	Auto Darkening Filter Cartridge
SLBAT1	Battery for ADF
SLCLP	Cover Lens Pack (5 outer lens, 2 inner lenses for ADF)
SLHCA	Hinge Cap Assembly
SLALA	AutoLift Assembly (includes external ADF control, mounting kit, and push button assembly)
SLFCL	Front Cover Lens (10pk)
SLHG	Head Gear (includes head band and knob set)
SLRCL	Rear Cover Lens (5pk)
SLGL	Grinding Lens (3pk)
SLPBA	Push Button Assembly
SLSBA	Sweat Band Assembly
SLSHELLBLU	Helmet Shell, Blue (includes AutoLift assembly but does not include Head Harness)

Replacement Supplied Air Breathing Tubes

Item	Description
SARHBT	Breathing Tube
NMXBTC	Breathing Tube Cover, Nomex

Breathing Air Supply Hose (3/8" I.D.) For Use with Compressed Air

Item	Description
4696	25' Starter Hose (includes coupler, V13 hose to pipe adapter, and V17 1/4" Industrial Interchange Nipple)
469650	50' Starter Hose (includes coupler, V13 hose to pipe adapter, and V17 1/4" Industrial Interchange Nipple)
4696100	100' Starter Hose (includes coupler, V13 hose to pipe adapter, and V17 1/4" Industrial Interchange Nipple)
5454	25' Extension Hose (includes V11 hose to hose adapter and V13 hose to pipe adaptor)
5457	50' Extension Hose (includes V11 hose to hose adapter and V13 hose to pipe adaptor)
5458	100' Extension Hose (includes V11 hose to hose adapter and V13 hose to pipe adaptor)

Breathing Air Supply Hose (1/4" I.D.) For Use with Bullard Free Air Pumps

Item	Description
V2050ST	50' Flow Thru Starter Hose (includes 1/2" coupler on end and 1/2" Industrial Interchange Nipple on other end)
V20100ST	100' Flow Starter Hose (includes 1/2" coupler on end and 1/2" Industrial Interchange Nipple on other end)
V2025STSHUTOFF	25' Shutoff Starter Hose (includes 1/2" coupler on end and 1/2" Industrial Interchange Nipple on other end)

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