



Respiratory

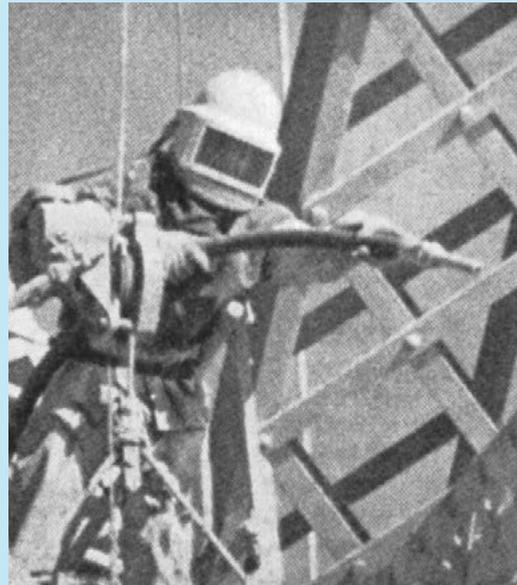
Protection and Air Quality Products



History of Innovation in Respiratory Protection

For more than a century, Bullard has focused its efforts on saving lives with quality safety products that are widely known to customers as “best in class.”

During the 1930s, Bullard engineers designed the original supplied air respirator for workers responsible for blasting the steelwork prior to the application of the international orange paint to the Golden Gate Bridge. This invention set in motion the revolutionary journey in Bullard respiratory protection. Through the years, Bullard has expanded its line of respiratory protection to include powered air-purifying respirators, airline respirators, pressure demand systems, supplied air filters, and a full range of breathing air pumps and CO monitors.



Protection

Bullard provides respiratory products to the world’s leading companies, so employees are protected at the highest levels from workplace hazards. Built with worker safety and security in mind, Bullard’s respiratory products meet NIOSH standards and offer workers top-quality protection on the job.

Comfort

Respiratory systems designed and improved with direct input from actual users make Bullard the leader in providing solutions for comfort. Bullard products are customized for ease of movement, compact and lightweight, and ergonomically designed for the comfort of the worker.

Value

When you rely on Bullard respiratory protection, you rely on dependability and value. Bullard’s 21st century technology reduces lifetime ownership costs through robust systems, low replacement parts costs, and leading warranties that provide solutions in value.

Bullard Applications



Industry	Spectrum® Series	FAMB2 Series	GenVX™ Series	88VX Series	CC20 Series	RT Series	GR50 Series	EVA Series	EVAHL Series
Painting	•	•	•	•	•	•	•	•	•
Chemical Handling	•	•			•	•	•	•	•
Abrasive Blasting			•	•					
Grinding							•	•	
Healthcare					•	•		•	•
Pharmaceutical	•				•	•		•	•
Welding		•						•	

Work Systems

Bullard offers totally configured work systems for use in a wide variety of applications - from painting and abrasive blasting to pharmaceutical and chemical manufacturing. Everything you need for effective respiratory protection is provided in one complete package.



Spectrum Series
SPECLSYS



FAMB Series
FAMBSYS



GenVX Series
GENVXSYS



CC20 Series
CC20SYS



GR50 Series
GR50SYS

Table of Contents

EVA Series Powered Air-Purifying Respirators	3	GR50 Series Hoods	9
EVAHL Series Powered Air-Purifying Respirators.....	4	Body Temperature Management.....	10
RT Series Hoods.....	5	41 Series Airline Filters	11
CC20 Series Hoods.....	6	Carbon Monoxide Monitors.....	11
20LF Loose-fitting Facepieces	6	Remote Air Manifolds	12
GenVX Series Abrasive Blasting Respirators.....	7	Clean Air Boxes.....	12
88VX Series Abrasive Blasting Respirators	7	Free-Air® Pumps.....	13
Spectrum Series Full-face Masks	8	MaxxLife Calculator	14
FAMB2 Series Half-face Masks.....	9	The EVALuator.....	14



EVA: Evolutionary Air

Pictured above: EVA with HEPA filter on left;
EVA with COMBI filter on right



See page 14 for details

EVA Series Powered Air-Purifying Respirator (PAPR)

Healthcare, Pharmaceutical, Painting, Grinding, Welding, and Powder Coat Applications

EVA is the latest in cutting-edge Powered Air-Purifying Respirator (PAPR) technology and design. Offering workers a 1,000 Assigned Protection Factor (APF) in a small, low-profile design for added customer comfort, EVA was engineered with direct input from end users and experts from the field. Equipped with an innovative Active Flow Technology System that automatically maintains constant air flow, EVA is always responding to a worker's need for more or less air. This intelligent system is continuously working to maintain constant air flow, regardless of filter type, hood type, filter loading, or battery capacity. EVA features an easy-to-read fuel gauge that lets the user quickly check the unit's battery status, plus a long-lasting 10,000-hour brushless motor designed for long-term reliability.





EVAHL Series

Pictured above: EVAHL with HEPA filter on left;
EVAHL with COMBI filter on right



See page 14 for details

EVAHL Series Powered Air-Purifying Respirator For Hazardous Locations

The Bullard EVAHL is the latest in PAPR technology for Hazardous Locations. EVAHL is the lightest Hazloc PAPR on the market and the only Hazloc PAPR with Active Flow Technology to keep air flow constant. Backed by independent 1,000 APF documentation, EVAHL can be used in multiple Hazardous Locations which may exist due to flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings. EVAHL is a NIOSH approved PAPR certified by CSA International for Hazardous Locations Class I, Division 2, Groups A, B, C, D, T6; Class II, Division 2, Groups F, G; and Class III.





**Quick-Attach T-Series
Hoods Available***

RT Series

Pictured above: Over-the-top air flow delivery

RT Series Hoods

Chemical Handling and Pharmaceutical Applications

With a sport neck cuff made from soft nylon material, the RT Series DuPont™ Tychem® Respirator Hoods offer customers added comfort. This new feature, along with the Bullard patented air delivery system, allows air to move freely through the hood, keeping users cool and allowing easier head and neck movement. Delivering air over the user's head, down the front of the lens, and into the breathing zone virtually eliminates lens fogging.

The RT Series offers one of the largest lens in the industry with 135 square inches of unobstructed viewing, a headband free design, long inner and outer bibs for higher level protection and a third party tested 1,000 APF. The RT Series is available in Tychem QC for general duty or Tychem SL with taped and sealed seams for extra barrier protection.

RT Series Hoods are NIOSH approved in SAR and with EVA and EVAHL in a PAPR configuration.

*Quick-attach T-Series Hoods are currently available in PAPR configurations only.



**Quick-Attach T-Series
Hoods Available***

CC20 Series

Pictured above: 20TIC and 20LF2L

CC20 Series Hoods

Painting, Chemical Handling, Healthcare, and Pharmaceutical Applications

Available in a full hood or loose-fitting facepiece, CC20 Series respirators provide a significantly higher level of protection than APR. The 20TIC hood features a patented inflatable neck cuff air delivery system and has third party documentation of 1,000 APF.

20LF Series Loose-Fitting Facepieces

The 20LF2L loose-fitting facepiece features a unique Soft Plenum air delivery system, latex-free construction and twist-lock breathing tube connection.

CC20 and 20LF Series Headtops are NIOSH approved in SAR and with EVA and EVAHL for PAPR use.

*Quick-attach T-Series Hoods are currently available in PAPR configurations only.



20LF



GenVX™ Series

NEW!
GenVX
The Next
Generation of
Blasting

88VX Series

GenVX™ Series Airline Respirator

The Next Generation of Blasting

Bullard's GenVX represents the next generation of blasting helmets: It is the **Lightest**, **Coollest**, most **Comfortable**, and most **Dependable** helmet available. Weighing a full pound less than competitive products, the GenVX offers the most cooling options for added comfort. Constructed from High-Density Polyethylene (HDPE) for superior strength, the sleek design of the GenVX allows air to pass directly over the user's head, providing greater air flow and improved cooling. The helmet offers launderable, removable, and adjustable cheek pads for increased comfort and stability and a "Grit Guard" visor that keeps debris out of the lens. Third party 1,000 APF data and ANSI/ISEA Z89 Head Protection and High Impact Z87+ Face Protection ratings make the GenVX the most dependable blast helmet on the market.



88VX Series Airline Respirator

Full Head, Neck, and Torso Protection

The latest generation of 88 Series supplied air respirators continues to offer industry leading comfort, reliability, and superior respiratory protection for abrasive blasters and painters. Engineering advancements include enhanced durability, lightweight, comfortable fit, **NEW** cheek pads, and **NEW** optional tinted lenses. Independent third party testing documents 1,000 APF for the 88VX.



Spectrum® Series

Pictured above: Spectrum Continuous Flow and Pressure Demand with Escape Bottle

Spectrum® Series Full-Face Mask

Continuous Flow Supplied Air Respirator

Spectrum continuous flow respirators provide outstanding comfort, low-profile fit, and unparalleled visibility, taking the work out of wearing a respirator. The Spectrum features a large speaking diaphragm directly in front of the wearer's mouth for enhanced communications.

Spectrum is also approved with EVA for PAPR use.

Spectrum Pressure Demand Full-Face Mask

Confined Space, Pressure Demand, and Pressure Demand Escape Supplied Air Respirator

If worker mobility is the requirement, the Pressure Demand Spectrum is the respirator of choice for compressed or bottled air sources. The lightweight, low-profile regulator and facepiece minimize interference with line of vision and other personal protective equipment. The regulator includes a first breath feature, which permits donning of the respirator without free flow, conserving the air supply. When equipped with the optional escape cylinder, the Spectrum is suitable for work within or escape from IDLH* environments.

*Immediately Dangerous to Life or Health



FAMB2 Series



GR50 Series

FAMB2 Half Mask

Painting, Welding, and General Industrial Applications

Featuring a soft, flexible silicone facepiece that conforms to the workers face, FAMB2 provides a continuous airflow to workers operating in environments contaminated with dust, mists, gases, and vapors.

A comfortable positive pressure airline respirator, Bullard FAMB2 presents a simple means of supplying clean air to workers. FAMB2 accommodates low pressure air sources. FAMB2 also allows a wide field of vision, accommodates glasses, and can be worn with faceshields, visors, welding helmets, and hard hats.

FAMB2 is also approved with EVA for PAPR use.

GR50 Series Hoods

Grinding Applications

The GR50 Series is one of the first hood-style respirators designed specifically with grinding operations in mind. This respirator is lightweight and fully protective with a Nomex® outer hood and a polycarbonate lens with ANSI/ISEA Z87.1+ 2010 Impact Face Protection. The inner flame retardant cotton is an additional protective barrier.

The GRH hood is also approved for use with the EVA in a PAPR configuration.



Body Temperature Management

Pictured above: Isotherm Cool Vest and AC1000 Cool Tube

Isotherm® Cool Vests

Effective body temperature management is provided through this cooling vest, engineered to maintain a constant 55°F with several hours of cooling duration at 90°F ambient temperature. The Isotherm Cool Vest is ergonomically designed, fully adjustable, and easily recharged in 20 minutes.

DC Series
Cooling Vests
Air Cooled



Personal Climate Devices

Cool or Warm Incoming Air

A complete range of worker adjustable belt-mounted personal climate devices provides enhanced comfort when used with Bullard airline respirators. Specially designed cooling vests offer additional comfort control as part of the climate control system.



AC1000 Cool Tube
Used with GenVX, 88VX, CC20, RT,
and GR50 series respirators



HC2400
Hot/Cold Tube
Compressed Air Warming or Cooling.
Used with GenVX, 88VX, CC20, RT, and
GR50 series respirators



HCT Hot/Cool Tube
Used with GenVX and 88VX
Series Respirators

CT Cool Tube
Used with GenVX and 88VX
Series Respirators

Frigitron® 2000 Cool Tube
Used with Bullard Free-Air® Pumps



41 Series Airline Filters

CO Monitors

Pictured from left to right: Model RA Remote Alarm, Model 41P2 41 Series Airline Filter, and COHP Carbon Monoxide Monitor

41 Series Airline Filters

Air Distribution and Regulation

The 41 Series airline filters from Bullard provide six layers of filtration media to effectively trap water, oil, particulates, odors, and organic vapors. The unit is available in a two- or six-outlet model for respirator use, and in a single outlet model to supply drier, cleaner air to tools and pneumatic systems. Constructed from heavy gauge steel, 41 Series Filters are built to withstand rugged industrial environments.

Carbon Monoxide Monitors

Continuous Monitoring for Carbon Monoxide

This compact, durable unit connects easily to any compressed breathing air source (connection kit included). The monitor is factory set to sound a 93 dB alarm when CO level exceeds 10 ppm, the OSHA limit. Monitors are also available with a CO alarm set point of 5 ppm to meet CSA and certain international requirements. External operation lights show green for normal and red for alarm for easy visual monitoring. An alarm jack to allow connection to remote alarm devices is standard. Monitors operate on 9-volt battery or 110-volt AC power. Backup battery power supply capability is standard on all units. Together with a 41 Series Filter, the COHP monitor helps meet Grade D Breathing Air Requirements.

COHP Carbon Monoxide Monitor





Remote Air Manifolds

Clean Air Boxes

Pictured from left to right: Model RAM41RHA Remote Air Manifold and CAB100IRHA Clean Air Box

Remote Air Manifold (RAM)

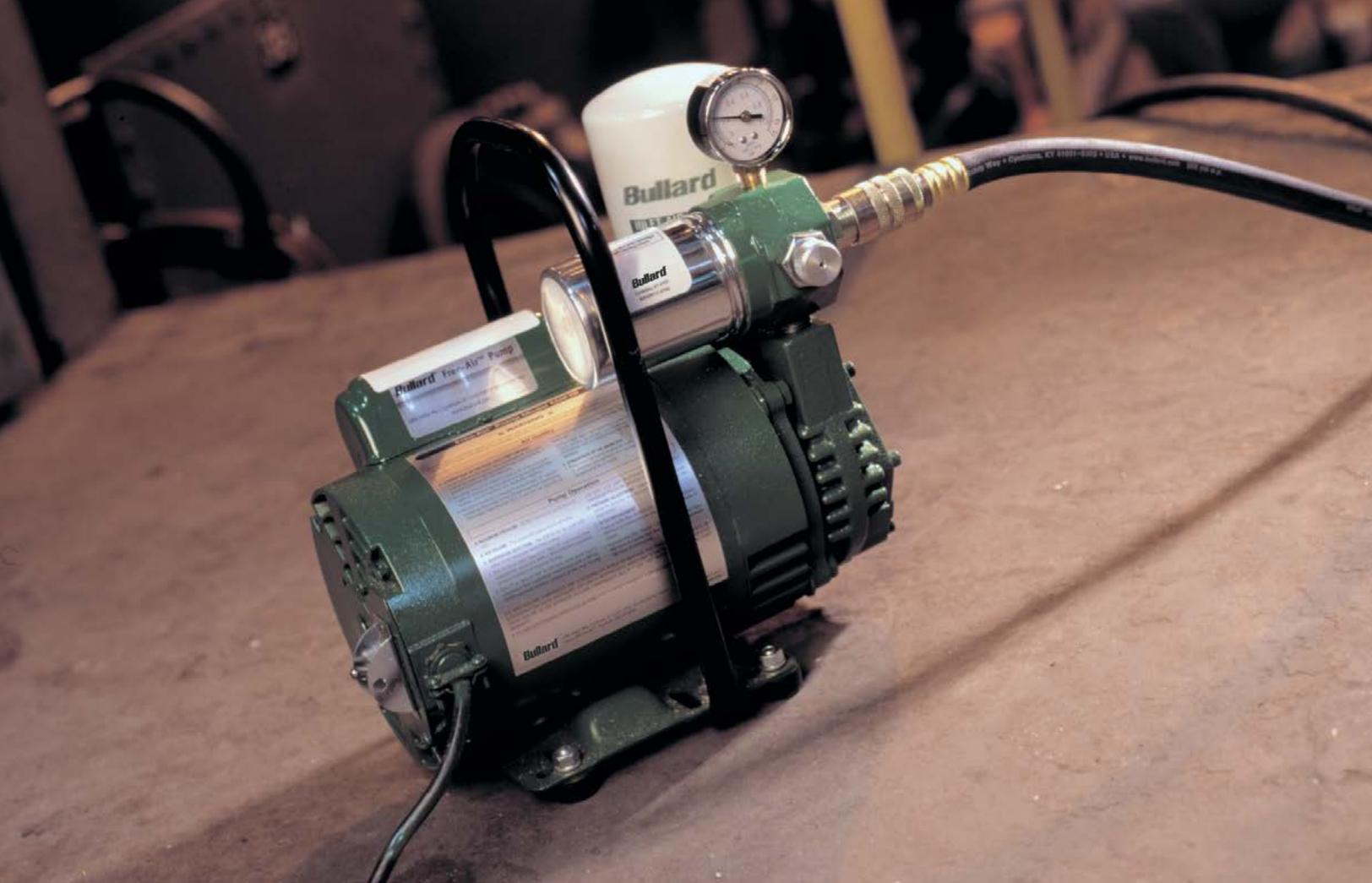
Air Distribution and Regulation

Remote Air Manifolds are effective for air distribution and regulation to multiple workers from a common air source. Standard features include multiple respirator couplings, single or multiple pressure regulators, and a rugged protective case. Bullard Remote Air Manifolds meet the NIOSH requirements for point-of-attachment.

Clean Air Boxes (CAB)

High Performance Air Filtering and Monitoring Systems

Clean Air Boxes can help employers comply with Grade D breathing standards by providing high performance particulate filtration and continuous CO monitoring. Available as either portable case enclosed or fixed wall mount, these units feature high performance three-stage filtration, auto-drains, CO monitoring, filter change indicators, and the capacity to support up to eight workers.



Free-Air[®] Pumps

Pictured above: EDP10

Bullard Free-Air[®] Pumps

Low Cost, Clean, Breathable Air Source

Bullard Free-Air pumps offer an effective method to support workers in contaminated environments up to 300 feet away from the pump. Free-Air pumps are easy to operate and maintain and do not require temperature alarms, CO monitors, or airline filters. Power requirements are low, and operation is simple; just plug in, set appropriate pressure, and go to work. Models range from one to 10 worker support capacities, and a wide range of power source capabilities.

New upgrades are available for Bullard's Free-Air Pumps. Now, the EDP10 is available with a Run Hour Meter to assist with scheduled maintenance, and the EDP16TE can be configured with a wheel kit for easier mobility.



ADP20



EDP16TE



PAPRFC4



PAPRFC2



MAXXLife Calculator

MAXXLife Calculator

The ultimate tool for calculating respirator cartridge protection

MAXXLife is a user-friendly calculator that helps measure the service life of air-purifying respirator cartridges from Bullard. MAXXLife lets you manage the life of your cartridge. Just follow the step-by-step MAXXLife Calculator program to determine how long you can use your cartridge before it needs to be replaced. The MAXXLife Calculator measures both environmental and usage factors when determining approximately how long the cartridge could be used before hazardous chemicals would begin to break through the cartridge's protective filter.

The MAXXLife Calculator is available for download on the Bullard website. Just visit www.bullard.com and click on Resources in the menu bar at the top of your screen.

The EVALuator

An integrated software program that determines the battery life of your EVA or EVAHL PAPER.

The Bullard EVALuator software, when used with the EVASMC2 or EVAHLSMC2 Genius Charger, gives you access to valuable information about your EVA or EVAHL Powered Air-Purifying Respirator battery. Simply load the EVALuator CD-ROM onto your desktop computer via the data cable, and the software automatically provides you with everything you need to know about your battery status.



Easy. Complete. Personal.

- Build **YOUR** respiratory system at www.BuildYourBullard.com
- Eliminate the risk of building incompatible assemblies
- See the product from multiple angles
- Save all projects in your personal Project Library for easy reference
- Create document packages complete with specifications, sales literature, and custom configurations with images

Americas:
Bullard
1898 Safety Way
Cynthiana, KY 41031-9303 • USA
Toll-free within USA: 877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-234-8987

Europe:
Bullard GmbH
Lilienthalstrasse 12
53424 Remagen • Germany
Tel: +49-2642 999980
Fax: +49-2642 9999829

Asia-Pacific:
Bullard Asia Pacific Pte. Ltd.
LHK Building
701, Sims Drive, #04-03
Singapore 387383
Tel: +65-6745-0556
Fax: +65-6745-5176



©2013 Bullard. All rights reserved.
Free-Air, Isotherm and Spectrum are registered trademarks of Bullard.
GenVX is a trademark of Bullard.
Nomex and Tychem are registered trademarks of DuPont Company.
8067 (0713)