



Respiratory Protection and Air Quality Products

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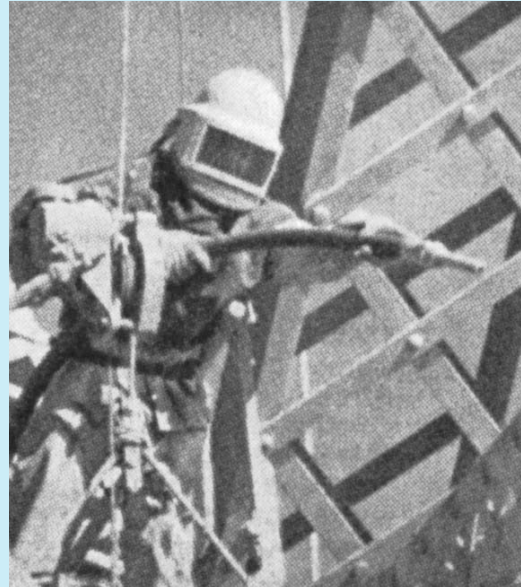
Dawson-Macdonald Co., Inc.
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History of Innovation in Respiratory Protection

For over 100 years, Bullard has focused its efforts on saving lives with quality safety products. After operating for more than a century, Bullard is committed to providing products that are widely known to customers as “best in class.”

During the 1930s, Bullard engineers designed an 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 monitors, and a full range of pumps and compressors.



Protection.

Meeting NIOSH standards, Bullard respiratory protection offers reliable protection you can depend on. To enhance quality safety, Bullard respirators are designed to eliminate cords that could become unplugged. Built with worker safety and security in mind, Bullard products provide top-quality protection from workplace hazards.

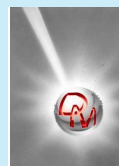
Comfort.

Designed and improved with direct input of actual users, Bullard is the leader in providing solutions in comfort. Customized for ease of movement, Bullard provides oversized lens for wider field of vision and wide padded belt allowing for better weight distribution. Patented air delivery systems and compact lightweight blowers provide workers with superior comfort.



Value.

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



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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.



Bullard Work Systems									
Industry	Spectrum Series	FAMB Series	88VX Series	CC20 Series	GR50 Series	PA20 Series	PA30 Series	PA30IS Series	PA40 Series
Painting	•	•	•	•				•	
Chemical Handling	•	•	•	•	•	•	•	•	•
Abrasive Blasting			•						
Grinding					•				
Healthcare				•		•	•		
Pharmaceutical Manufacturing				•		•	•	•	



Spectrum Series SPECLSYS FAMB Series FAMBSYS 88VX Series 88VXSYS CC20 Series CC20SYS GR50 Series GR50SYS PA20 Series PA20LF1 PA30 Series PA30TICDB PA30IS Series PA30ISLFBDB PA40 Series PA40SPECDB

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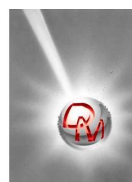


PC90 Series

PC90 Series Airline Respirator

Full Body Protection for Potent Compound Exposures

The PC90 Series Airline Respirator stands apart from all other Type C, continuous flow respirators as the first one bearing NIOSH approval and including a full body containment suit. The PC90 features a lightweight, parka-style hood and full-body suit creating a strong, tear-resistant physical barrier to airborne contaminants. As a positive pressure device, air pushes outward from the worker, helping protect the worker's respiratory tract and entire body from exposure to airborne contaminants.



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CC20 Series



RT Series

CC20 Series Supplied Air Respirators

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 cartridge respirators. The 20TIC hood features a patented inflatable neck cuff air delivery system and has received the highest protection factor in a independent study. The 20LFL loose-fitting facepiece features a unique Soft Plenum™ air delivery system, latex-free construction and twist-lock breathing tube connection.

RT Series Supplied Air Respirators

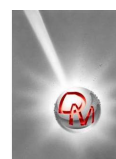
Chemical Handling and Pharmaceutical Applications

The RT Series offers the largest lens available on the market, the freedom to work without a headband, and a unique over the top air delivery system. The RT series is available in white Tychem QC for general duty or gray Tychem SL for extra barrier protection.



20LFL Loose-Fitting Facepiece

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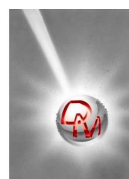


PA20 Series

PA20 Series Powered Air-Purifying Respirator (PAPR)

Healthcare, Pharmaceutical and Powder Coat Applications

Innovation abounds with the PA20 Series of PAPRs. Using the same hood and loose-fitting facepiece headtops as the CC20 Series, the PA20 Series offers advanced particulate protection via a completely self-contained belt-mounted powered air unit. Ten hours of airflow, a low voltage alarm and standard comfort belt make the PA20 Series the most effective and versatile PAPR on the market.



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PA30 Series



PA30IS Series

PA30 Series Powered Air-Purifying Respirator (PAPR)

Industrial, Pharmaceutical and Hospital Preparedness Applications

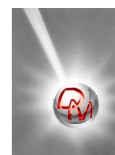
The PA30 Series PAPR offers superior protection, comfort and value. It features cartridges available for use against acid gases, organic vapors and particulate hazards, as well as a low voltage alarm that helps ensure the worker remains protected. With up to 33% more air flow than the NIOSH requirement and wide padded belts, the PA30 keeps the wearer comfortable throughout the shift. NiMH battery technology provides quick charging and none of the "memory" problems of NiCad. Compatibility with the CC20 and RT series headtops allows for consolidation of inventory for workplaces with both supplied air and PAPR needs.

PA30IS Series Powered Air-Purifying Respirator

Intrinsically Safe

High dust concentrations and/or vapors from organic solvents can create potentially explosive atmospheres that can be triggered by a spark from equipment such as a PAPR. The Bullard PA30IS Powered Air Purifying Respirator is designed to protect workers in many of these atmospheres while providing superior comfort and value. The PA30IS has the highest IS rating for PAPRs in the industry (Class I Division 1 Groups C & D).

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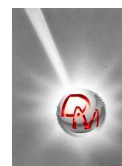


PA40 Series

PA40 Series Powered Air-Purifying Respirator (PAPR)

Full Face Protection

Customer-driven product development, as well as the incorporation of the latest technologies, culminate in the unique design and comfort features of the PA40 Series. A smooth finish, sealed and gasketed design, and downward sloping configuration for easy “run-off” ensure that the blower will withstand the most rigorous of decon procedures. The Spectrum mask, the most comfortable and optically correct facepiece on the market, used in conjunction with the PA40 creates a superior respiratory protection package.



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Spectrum Series

Spectrum Series®

Continuous Flow 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 wearer's mouth for enhanced communications.

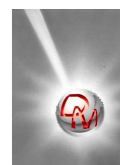
Spectrum Series

Confined Space, Pressure Demand and Pressure Demand Escape

If worker mobility is the requirement, the Pressure Demand Spectrum is the respirator of choice for compressed or bottled air sources. Designed for non-IDLH* environments, 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

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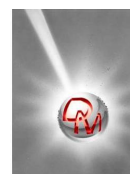
FAMB Series

FAMB Half Mask Airline Respirator

Painting, Foam Spraying and General Industrial Applications

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

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



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Body Temperature Management

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



Climate Control Devices

Cool or Warm Incoming Air to the Respirator

A complete range of worker adjustable belt-mounted climate control 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.



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



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



HC2400
Hot/Cold Tube
Compressed Air Warming or Cooling



88VX Series



GR50 Series

88VX Series Airline Respirator

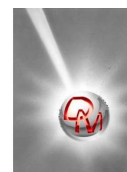
Full Head, Neck and Torso Protection

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, fit and security of protection. Independent third party testing documents a 1,000 Assigned Protection Factor (APF) for the 88VX.

GR50 Series Airline Respirator

Full Protection with Freedom of Movement

The GR50 Series airline respirator 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. The inner flame retardant cotton is an additional protective barrier.



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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.

Model COHP Carbon Monoxide Monitor shown open





Remote Air Manifolds

Clean Air Boxes

Pictured from left to right: Model RAM41R Remote Air Manifold and CAB100IRHA Clean Air Box

Remote Air Manifold (RAM)

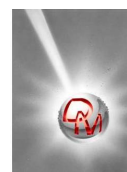
Air Distribution and Regulation

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.



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Free-Air Pumps

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 ten worker support capacities, and a wide range of power source capabilities.

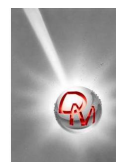


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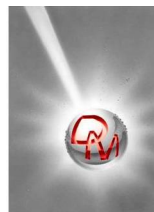
ADP20

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