



The Human Side of Safety.®
Since 1898.

Spectrum™ Series Full-Face Mask Airline Respirators

Comfort, Low Profile, Outstanding Visibility Simplicity



**SPECTRUM
Series**

Finally there's a respirator that fits — your face, your needs, your high expectations. Introducing Spectrum Series full-face mask airline respirators from Bullard. Integrating intelligent features with innovative design, Bullard is moving respiratory protection to a whole new level. The Spectrum Series offers outstanding comfort, low profile fit, unparalleled visibility and simplicity.

With the addition of the Spectrum Series, Bullard can meet all of a customer's airline respirator needs — from continuous flow hood and helmet airline respirators to tight fitting facepiece airline/ESCBA respirators. The five full facepiece models in the Spectrum Series include:

- Continuous flow
- Pressure demand
- Pressure demand with 5 minute cylinder
- Pressure demand with 10 minute cylinder
- Pressure demand with 5 minute cylinder and integrated rescue harness

Facepiece Features and Benefits

Spectrum Comfort

- Lightweight silicone flange seals softly against the user's face without feeling slippery.
- Double flange provides a secure, comfortable fit across a wide range of facial sizes and contours.

Spectrum Low Profile

- Low profile full facepiece allows ease of movement of the user's head.
- Low profile design is lightweight thus reducing fatigue.
- Low profile headstraps reduce the time to put on the facepiece, extremely easy to adjust, and enhances overall comfort.

Spectrum Visibility

- Optically correct lens providing unparalleled peripheral vision.
- Clear silicone nose cup allows more light into the mask, minimizing the closed-in feeling that many respirator wearers' experience.

Spectrum Simplicity

- With a minimal number of snap-together parts, no special tools are required making assembly and maintenance quick and efficient.
- All respirator models incorporate a single platform design, simplifying stocking requirements.

Regulator Features and Benefits

- Lightweight, low profile regulator minimizes interference with the worker's line of vision and other personal protective equipment.
- Regulator includes a first breath feature, which permits donning of the respirator without free flow, conserving the air supply.
- Dual swivel connector allows free movement of regulator hose for comfort and maneuverability.



Continuous flow model is ideal for spray painting applications.

SPEC-CF Continuous Flow Respirator



The continuous flow model in the Spectrum Series provides a durable, cost-effective and comfortable means of protection in work environments that are not IDLH. This flexible respirator can be used for general purpose applications, including painting, pharmaceutical manufacturing and pesticide handling.

Air Source: Air compressor or Bullard Free-Air® pump.

Features and Benefits:

- Compatible with economical low pressure air sources such as Bullard Free-Air® pumps.
- Respirator can be used comfortably for long periods of time.
- Low profile breathing tube connection allows for easy downward head movement.

SPEC-PD Pressure Demand Respirator



The Spectrum pressure demand model is an excellent respirator choice when the air source is bottled air and the work environment is not IDLH. The mask-mounted regulator delivers air only as the worker needs it, conserving the air supply. Potential work applications include mobile jobs such as plant maintenance.

Air source: Air compressor or cascade system.

Features and Benefits:

- Operates efficiently with compressed or bottled air as the air source, improving worker mobility.
- Strong, durable harness and waist belt are fire retardant, providing the worker with an added measure of security on the job.
- Regulator hose is routed securely over the shoulder, enhancing comfort and safety.
- Approved with choice of eight quick-disconnect coupler assemblies, providing compatibility with most workplace breathing air systems.

SPEC-PDE Combination PD/5 or 10-Minute ESCBA



For work within or escape from IDLH atmospheres, Bullard offers Spectrum PDE respirators. Available with 5 or 10 minute cylinders, this respirator can be used in situations where the hazard in the work environment cannot be eliminated or reduced to safe levels by engineering controls. Work applications may include confined space and hazardous work environments, including tanks, silos, storage bins, vaults and pits.

Air Source: Air compressor or cascade system.

Features and Benefits:

- Standard harness is made from fire retardant nylon, a benefit for those customers who are using the product in environments where there is potential for flashover.
- Padded shoulder harness is easily adjustable for a comfortable, balanced cylinder.
- Regulator hose positions securely over the shoulder, keeping close to the worker's body during operations in tight spaces.
- Regulator with bypass that allows adjustable, continuous flowing air to the worker for comfort and/or defogging the lens, when necessary.

SPEC-PDER-5 Combination PD/5-Minute ESCBA with Rescue Harness



Bullard's Spectrum PDER-5 is NIOSH approved and the first pressure demand respirator and rescue harness system designed for confined space rescue operations. It is quick and easy to put on allowing a more timely and efficient response during critical rescue operations.

Air Source: Air compressor or cascade system.

Features and Benefits:

- The unique design of the air cylinder pocket allows the escape cylinder to be quickly and securely positioned in between the worker's legs for more efficient entry and exit through small openings.
- Full body rescue harness holds the wearer comfortably in a near vertical position while suspended from the back D-Ring.
- For comfort, the harness is heavily padded and is covered with strong Cordura nylon.

Ordering Information

Cat No.	Description	Cat No.	Description
<u>Spectrum Continuous Flow Respirator Assemblies</u>		<u>Rescue Harness Assemblies</u>	
SPEC40L SPEC40S	Continuous Flow high pressure respirator assembly with medium/large ("L") or small ("S") facepiece, BT100 breathing tube assembly with adjustable flow valve and 1/4" Industrial Interchange (Hansen compatible) nipple	RESC-5 RSC QDS	Rescue harness with 5 minute cylinder harness Rescue harness with cylinder pocket and strap Replacement cylinder pocket and strap
SPEC35L SPEC35S	Continuous Flow low pressure respirator assembly with medium/large ("L") or small ("S") facepiece, BT135 breathing tube assembly with constant flow valve and 1/2" Industrial Interchange (Hansen compatible) nipple	<u>Spectrum CF Breathing Tube Assemblies</u> For use with air compressors	
SPECLSYS	SPEC35L respiratory assembly, EDP10 Free-Air® pump, V20100ST hose and SPECLC lens cover	BT100 BT101 BT102	Adjustable flow breathing tube assembly with 1/4" Industrial Interchange (Hansen compatible) nipple, flow control valve and nylon belt Adjustable flow breathing tube assembly with 1/4" Schrader nipple, flow control valve and nylon belt Adjustable flow breathing tube assembly with 1/4" Snap-Tite nipple, flow control valve and nylon belt
<u>Spectrum Pressure Demand Respirator Assemblies</u>		For use with Bullard Free-Air pumps	
SPEC-PD-L* SPEC-PD-S*	Pressure Demand respirator with medium/large ("L") or small ("S") facepiece and regulator with CA30 coupler assembly	BT135	Constant flow breathing tube assembly with 1/2" Industrial Interchange (Hansen compatible) nipple and belt
SPEC-PDE-5L* SPEC-PDE-5S*	Pressure Demand Escape respirator with medium/large ("L") or small ("S") facepiece, regulator including bypass and 5 minute escape assembly with CA30 coupler assembly	<u>Spectrum PD and PDE Coupler Assemblies</u>	
SPEC-PDE-10L* SPEC-PDE-10S*	Pressure Demand Escape respirator with medium/large ("L") or small ("S") facepiece, regulator including bypass and 10 minute escape assembly with CA30 coupler assembly	All coupler assemblies include male threaded nipple, female threaded coupler and adaptor, which connect the pressure demand respirator to the airline hose	
<u>Spectrum Rescue Respirator Assemblies</u>		CA30 CA30S CA31 CA32 CA33 CA34 CA37 CA38	Industrial Interchange steel (Hansen compatible) Industrial Interchange stainless (Hansen compatible) Schrader Snap-Tite steel Snap-Tite brass Snap-Tite stainless Cejn Bayonet
SPEC-PDER-5L* SPEC-PDER-5S*	Pressure Demand Escape Rescue respirator with medium/large ("L") or small ("S") facepiece, regulator including bypass and 5 minute cylinder with large integrated rescue harness and CA30 coupler assembly	*These coupler assemblies include Industrial Interchange (Hansen compatible) fittings. To order a different fitting, purchase a coupler assembly separately and replace parts according to instructions accompanying the product.	
SPEC-PDER-5LXL*	SPEC-PDER-5L with extra large integrated rescue harness		

▲WARNING▲

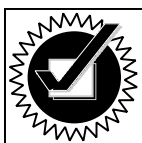
Improper respirator selection or use may cause injury, disease or death. Before selecting and using any respirator, be sure that the employer has determined that contaminant concentrations do not exceed those allowed by applicable OSHA, NIOSH and other federal regulations.

Bullard's Spectrum Series airline respirators must be supplied with clean, breathable air that AT MINIMUM meets the requirements for Type 1 gaseous air described in the Compressed Gas Association Commodity Specification G-7.1 for Grade D or higher quality, as specified by Federal regulations 42 CFR, Part 84.141(b) and 29 CFR 1910.134(d). These respirators do not purify air or filter out contaminants.

The Spectrum continuous flow and Spectrum-PD models are not approved for any atmosphere "immediately dangerous to life or health" (IDLH) or from which the wearer cannot escape without the use of a respirator. Bullard products are manufactured and tested to exacting specifications. Any alteration or modification of these products by the user may adversely affect product performance and voids all product certification(s). This data sheet is in summary form only for easy reference. Refer to labels and instructions accompanying the product for more complete details regarding use, maintenance, warnings and limitations.

Distributed by:

- NIOSH Approval Numbers**
- | | |
|-------------|------------|
| SPEC-CF | TC-19C-322 |
| SPEC-PD | TC-19C-354 |
| SPEC-PDE-5 | TC-13F-387 |
| SPEC-PDE-10 | TC-13F-388 |
| SPEC-CFP | TC-19C-321 |
| SPEC-PDER-5 | TC-13F-387 |



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