

Enhanced comfort and Protection for Grinding Operations

Offering both respiratory and dermal protection, Bullard's GR50 is the first hood-style airline respirator designed especially to meet the challenges that are encountered in grinding operations. The lightweight outer hood, made from DuPont™ Nomex[®], protects the operator's entire head, face and neck from sparks and airborne particulates. The inner bib, made from flame-retardant cotton, is an added protective barrier. Applications in which the GR50 airline respirator can be used include grinding and metalworking.

For workers who use compressed breathing air, Bullard's GR50 is complete with DuPont™ Nomex[®] respirator hood, breathing tube and a choice of belt-mounted airline quick-disconnect fittings. The GR50 can also be used with convenient and low-cost Bullard Free-Air[®] pumps. Bullard V10 and V20 air supply hoses, sold separately, are available with point-of-attachment fittings for breathing air compressor systems or ambient air pumps.

Features and Benefits

Breathing Protection

- Continuous airflow is delivered through a unique neck cuff, maintaining positive pressure inside the hood to help keep contaminants out.

Comfortable and Durable

- Weighing only 12 oz. (340 g), Bullard's GR50 is a lightweight alternative for workers accustomed to wearing heavier helmet-type respirators during grinding.

Head Protection and Climate Control Options

- When worn with a Bullard hard hat, the hood meets ANSI Z89.1-1997 requirements for protective headwear.
- A variety of climate control devices allow workers to cool incoming air to meet their comfort requirements, helping to boost productivity.

Flexible Hood and Window

- In operations performed in tight spaces, the flexible hood and window enhance worker mobility.
- The inner window, made of .040 (1 mm) acetate, stands up to a variety of chemicals.

No Fit-Testing

- One size fits all. Fit testing is not required.
- Hood easily accommodates beards, hearing protection, prescription eyewear or safety glasses.

Maximum Visibility

- Wide-angle faceshield and headband suspension system are positioned to create the maximum viewing area.
- Replacement outer lens helps protect inner lens from sparks and debris, extending the usable life of the product.



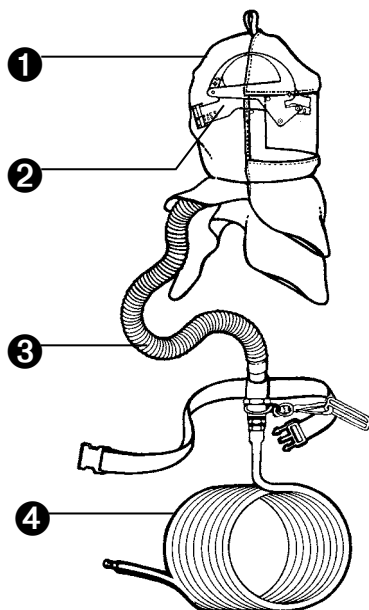


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Component Concept

Bullard's GR50 Airline Respirator consists of four components; all must be present and properly assembled to constitute a complete NIOSH-approved respirator (TC-19C-329, Type C).

1. Respirator hood
2. Headband or head protection
3. Breathing tube assembly
4. Air supply hose



⚠ WARNING

Failure to use complete NIOSH-approved Bullard components and replacement parts voids approval of entire assembly.

⚠ WARNING

The GR50 airline respirator must be supplied with clean, breathable air, Grade D or better, at all times. Supplied breathing air must at least meet the requirements for Type 1 gaseous air described in the Compressed Gas Association Commodity Specifications G-7.1 (Grade D or higher quality), as described by Federal Law 42 CFR, Part 84, Subpart J, 84.141 (b).

This respirator does not purify air or filter out contaminants. GR50 respirators are not approved for use in 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 to exacting specifications. Any alteration or modification of these products by the user may adversely affect product performance. This data sheet is in summary form only for easy reference. Refer to labels, instructions, and other literature accompanying the product for more complete details regarding use, maintenance, warnings, performance capabilities, complete specifications, and precautions.

Ordering Information

Item No.	Description
GR50SYS	Includes GR5035 respirator, EDP10 Free-Air® pump and V20100ST air supply hose.

RESPIRATOR ASSEMBLIES

Includes hood, 20TG suspension, outer lens, and breathing tube assembly with belt.

GR5030	Respirator assembly with V30 constant flow breathing tube assembly.
GR5035	Respirator assembly with V35 constant flow breathing tube assembly for use with Bullard Free-Air® pumps.
EVAGRH	PAPR System includes Blower, Battery, Belt, breathing tube, charger and GRH hood
EVAGRHDB	PAPR system includes Blower, Battery, Vinyl decon belt, breathing tube, charger, and GRH hood

1. RESPIRATOR HOOD

DuPont™ Nomex® grinding hood	
GRH	Replacement hood with MBI outer lens.
GRHRT	GRH Hood with Ratchet Suspension

2. HEADBAND SUSPENSIONS AND HARD HATS

20TG	Headband
20RT	Sure-Lock® ratchet headband
C30P	Hard hat with pinlock suspension.
C30R	Hard hat with ratchet suspension.
S51	Hard hat with pinlock suspension.
S51R	Hard hat with ratchet suspension.
20NC	Chin strap for 20TG and 20RT headbands (10/pkg).
ES42	Chin strap for use with model C30 and S51 hard hats.

Item No. Description

3. BREATHING TUBE ASSEMBLIES AND PARTS

For use with compressed air

V30	Constant flow breathing tube assembly with 1/4" Industrial Interchange quick-disconnect fitting (steel) and belt.
V40	Adjustable flow breathing tube assembly with 1/4" Industrial Interchange quick-disconnect fitting (steel) and belt.
AC1000*	Adjustable flow cooling device with 1/4" Industrial Interchange quick-disconnect fitting and belt.
HC2400*	Adjustable flow Hot/Cold tube with 1/4" Industrial Interchange quick-disconnect (steel) and belt.
DC5040*	Adjustable flow DUAL-COOL™ tube with 1/4" Industrial Interchange quick-disconnect (steel). Order DC70 DUAL-COOL vest separately.

4. REPLACEMENT OUTER LENSES

MBI	PETG Snap On Outer Lens
GRHOLI	Polycarbonate Snap On Outer Lens

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EVA

EVOLUTIONARY AIR



EVA represents the latest in cutting-edge Powered Air-Purifying Respirator (PAPR) technology and design. Offering workers a 1,000 Assigned Protection Factor and a comfortable and reliable respirator system, EVA was engineered with direct input from end users and experts from the field.

RELIABLE, EASY-TO-USE TECHNOLOGY

VISUAL FUEL GAUGE The easy-to-read fuel gauge displays remaining battery capacity at a glance. Wearers can check battery status at any time while using EVA.



ACTIVE FLOW TECHNOLOGY Another innovation from Bullard, Active Flow Technology automatically responds to a worker's need for more or less air flow. This intelligent system is continuously working to maintain constant air flow, regardless of filter type, hood type, filter loading, or battery capacity.

INTEGRATED ALARMS Two distinct audible alarms notify wearers of low battery and low air flow. These alarms are designed so the sound of the alarm travels through the breathing tube directly to the wearer's ear.

DURABILITY EVA is powered by a long-lasting 10,000-hour brushless motor. Unlike other motors that can quickly wear out, this durable brushless motor is designed for long-term reliable use.

SINGLE FILTER EVA offers a single filter for easy use. While other manufacturers' PAPRs may require up to three filters, EVA makes it simple, with a single easy-to-install filter.

FILTER LOCKING TAB EVA helps ensure positive filter installation with a single click. The filter locking tab notifies the user that the filter is in place with both a visual indication and audible click.



EVA Powered Air-Purifying Respirator

DESIGNED FOR COMFORT

EVA was uniquely designed for all-day worker comfort. Engineers studied the motions, actions, and requests from experts in the field to design the most comfortable and user-friendly PAPR on the market.

DISTINCTIVE ERGONOMIC DESIGN The streamlined form factor of EVA makes it lightweight, eliminates bulky corners that can dig into the wearer's back, and balances the unit's weight for maximum comfort.



SUPER QUIET OPERATION The ultimate in quiet operation, the EVA blower eliminates the hum and noise experienced with other PAPRs.



CONTOURED BELT This dual purpose belt incorporates the best features of both decon and comfort belts. Developed to offer both generous padding and easy decon, the contoured belt is made of closed-cell chemically resistant foam and features a contoured design for extra comfort. Vinyl belts are also available.



TWO-SPEED OPERATION EVA features a two-speed blower, allowing the user to choose more or less cooling and air flow.



EXPERTISE, PROTECTION, AND VERSATILITY

1,000 APF Bullard hoods are rated highest in the industry with regards to protection factors. Only Bullard provides up-to-date third party testing to customers, providing documentation that is scientifically valid and legally defensible.

MORE HOOD CHOICES With more hood choices than any other PAPR on the market, EVA can be paired with loose-fitting facepieces, hoods, and headband-free headtops.

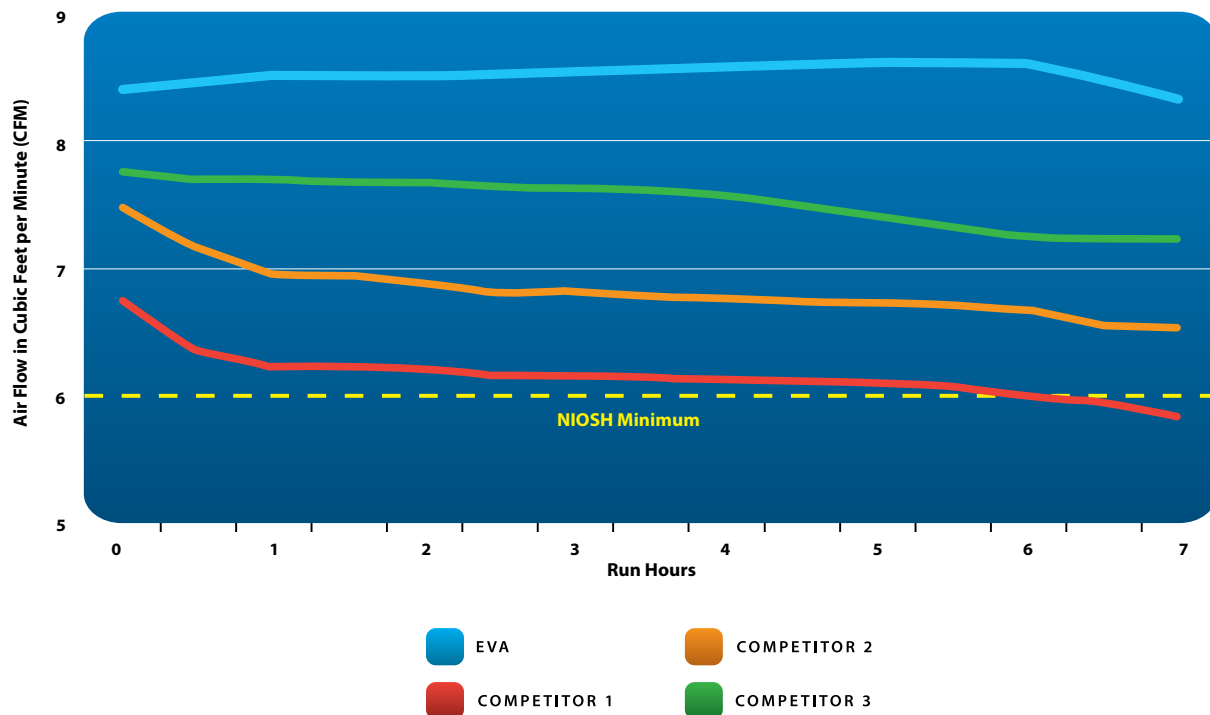
A VARIETY OF USES EVA is NIOSH approved for use with CC20 Series and RT Series Hoods made from DuPont™ Tychem®, the GR50 Series Nomex grinding hood, the FAMB2 Series half mask, and the Spectrum Series® Full Facepiece, offering extreme versatility. Uses for EVA include pharmaceutical manufacturing, healthcare, painting, coatings, grinding, welding, and more.



Feature	Benefits
1,000 Assigned Protection Factor (APF)	Provides superior protection, as verified in an independent Laboratory Respirator Protection Level (LRPL) study.
Fuel Gauge	Easy-to-read visual battery capacity indicator.
Active Flow Technology	Helps maintain constant air flow. Reacts to the wearer's need for additional flow.
Two Integrated Alarms	Distinct audible alarms for both low battery and low air flow. Alarm sound travels through the breathing tube to the wearer's ear.
Brushless Motor	Durable, 10,000-hour motor for superior reliability.
Single Filter	Quick and easy installation. Lower consumable costs vs. blowers that require up to three filters.
Filter Locking Tab	Visual and audible indication of positive filter installation.
Ergonomic Design	Lightweight, sleek, and balanced. Offers superior comfort for all-day use.
Hood Choices	Choose from more than 15 hood styles, including loose-fitting facepieces, hoods, and headband-free headtops.

EVA OUTPERFORMS COMPETITORS IN AIR FLOW

PAPR Performance (Hood-Style Respirator)





Catalog Number Hood Systems*

Catalog Number	Description
EVA20LF2L	PAPR system, EVA blower, battery, charger, breathing tube, 20LF2L
EVA20LF2M	PAPR system, EVA blower, battery, charger, breathing tube, 20LF2M
EVA20TJ/EVA20TJT	PAPR system, EVA blower, battery, charger, breathing tube, 20TJ
EVA20TP/EVA20TPT	PAPR system, EVA blower, battery, charger, breathing tube, 20TP
EVA20TIC/EVA20TICT	PAPR system, EVA blower, battery, charger, breathing tube, 20TIC
EVA20TPC/ EVA20TPCT	PAPR system, EVA blower, battery, charger, breathing tube, 20TPC
EVA20SIC/EVA20SICT	PAPR system, EVA blower, battery, charger, breathing tube, 20SIC
EVA20TICS/EVA20TICST	PAPR system, EVA blower, battery, charger, breathing tube, 20TICS
EVA20TICH/EVA20TICHT	PAPR system, EVA blower, battery, charger, breathing tube, 20TICH
EVA20SICH/EVA20SICHT	PAPR system, EVA blower, battery, charger, breathing tube, 20SICH
EVART3/ EVART3T	PAPR system, EVA blower, battery, charger, breathing tube, RT3
EVART4/ EVART4T	PAPR system, EVA blower, battery, charger, breathing tube, RT4
EVAGR/ EVAGRHT	PAPR system, EVA blower, battery, charger, breathing tube, GRH
EVAPAN1	EVA20LF2L plus filter
EVAPAN2	EVAPAN1 - no charger

Full-Face Mask Systems*

EVASPECL	PAPR system, EVA blower, mask battery, charger, breathing tube, PASPECLM
EVASPECS	PAPR system, EVA blower, mask battery, charger, breathing tube, PASPECS

Half-Face Mask Systems*

EVAFAML	PAPR system, EVA blower, mask battery, charger, breathing tube, FAM2L, Large
EVAFAMM	PAPR system, EVA blower, mask battery, charger, breathing tube, FAM2M, Medium
EVAFAMS	PAPR system, EVA blower, mask battery, charger, breathing tube, FAM2S, Small

Blower Assemblies*

EVA1	Blower Unit Only, EVA
EVA2	PAPR system, EVA blower, hood battery, charger, no filter
EVA3	PAPR system, EVA blower, hood battery, no charger, no filter
EVA4	EVA3, plus HE Filter
EVA5	PAPR system, EVA blower, mask battery, charger, no filter
EVA6	PAPR system, EVA blower, mask battery, no charger, no filter
EVA7	EVA6 plus HE filter

Replacement Batteries & Chargers

EVABAT1	Battery (black), EVA 7-8 hour for hoods
EVABAT2	Battery (green), EVA 7-8 hour for masks
EVASMC	Charger, EVA, single port
EVASMC2	Charger, EVA, single port analyzer
EVAGC	Charger, EVA, 6 port gang

Replacement Filter Cartridges

PAPRFC3	Filter, HEPA, EVA (6 pack)
PAPRFC4	Filter, OVAGHE, EVA (6 pack)
* PAPRFC5	Filter, AM/FM/MA/AG/HE (6 pack) NEW!
PAPRSC2	Shower cap, EVA HE (3 pack)
PAPRSC3	Shower cap, EVA OVAGHE (3 pack)
PAPRPF2	Pre-Filter, EVA OVAGHE (120/PK)
PAPRPFCOVER2	Pre-Filter retainer, EVA OVAHE (3/pack)

Replacement Breathing Tubes

PA1BTXL	Breathing tube assembly for hoods - extra long length
PA1BT	Breathing tube assembly for hoods - standard length
PA1BTXS	Breathing tube assembly for hoods - extra short length
PA20LFBTXL	Breathing tube assembly for loose-fitting facepieces - extra long length
PA20LFBT	Breathing tube assembly for loose-fitting facepieces - standard length
PA20LFBTXS	Breathing tube assembly for loose-fitting facepieces - extra short length
PA4BT	Breathing tube assembly for full facepiece - standard length
PAFAMBT	Breathing tube assembly for half mask
PAHBT	Breathing tube for T-Series Hoods - standard length
PAHBTXS	Breathing tube for T-Series Hoods - extra short length
PAHBTXL	Breathing tube for T-Series Hoods - extra long length

Replacement Parts & Accessories

EVABELT1	Belt, foam
EVABELT2	Belt, vinyl
EVABELT3	Belt, vinyl, Cam Lock Buckle
EVABELT4	Belt, FR, vinyl, Cam Lock Buckle
EVABKPK1	Back pack
EVAEXT1	Belt extender
PAPRSUSP1	PAPR suspenders

Replacement Parts & Accessories (continued)

EVALLKIT	Lever lock kit
PA1AFI	Air flow indicator
20NC	Chinstrap for Dupont™ Tychem® hoods
20LCL	Mylar lens covers (25/pack for CC20 Series Dupont™ Tychem® hoods)
RTLCL	Mylar lens covers (25/pack for RT Series Dupont™ Tychem® hoods)
MB1	Outer lens for GRH hood (10/pack) for GRH hood
LC	Mylar lens covers (25/pack) for Spectrum full facepiece
AFW45	Anti-fog lens wipes (10/pack) for Spectrum full facepiece
PAPRBAG	Vinyl duffel
PPEBAG	Rolling duffel

Replacement Masks

PASPECLM	Replacement Spectrum full facepiece med/large
PASPECS	Replacement Spectrum full facepiece small

Replacement Loose-Fitting Facepieces Made from DuPont™ Tychem®

20LF2L	Loose-fitting facepiece large
20LF2M	Loose-fitting facepiece medium
20LF2S	Loose-fitting facepiece small

Replacement Hoods Made from DuPont™ Tychem® QC

20TJ/20TJT	Single bib with ratchet suspension
20TJN/20TJNT	Single bib with no suspension
20TJR/20TJRT	Single bib with ratchet suspension
20TP/20TPT	Single bib with ratchet suspension and solvent resistant lens
20TPN/20TPNT	Single bib with no suspension and solvent resistant lens
20TPR/20TPRT	Single bib with ratchet suspension and solvent resistant lens
20TIC/20TICT	Double bib with ratchet suspension
20TICN/20TICNT	Double bib with no suspension
20TICR/20TICRT	Double bib with ratchet suspension
20TPC/20TPCT	Double bib with ratchet suspension and solvent resistant lens
20TPCN/20TPCNT	Double bib with no suspension and solvent resistant lens
20TPCR/20TPCRT	Double bib with ratchet suspension and solvent resistant lens
20TICS/20TICST	Long Double bib with ratchet suspension and Taped Seams
20TICSN/20TICSNT	Long Double bib with no suspension and Taped Seams
20TICSR/20TICSRT	Long Double bib with ratchet suspension and Taped Seams
20TICH/20TICHT	Double bib for use with hard hats
RT3/RT3T	Double bib for use without headband

Replacement Hoods Made from DuPont™ Tychem® SL (Saranex coated)

20SIC/20SICT	Double bib with ratchet suspension
20SICN/20SICNT	Double bib with no suspension
20SICR/20SICRT	Double bib with ratchet suspension
20SICH/20SICHT	Double bib for use with hard hats
20SICVH/20SICVHT	Double bib for use with hard hats (vinyl lens)
20SICV/20SICVT	Double bib with ratchet suspension (vinyl lens)
20SICVN/20SICVNT	Double bib with no suspension (vinyl lens)
20SICVR/20SICVRT	Double bib with ratchet suspension (vinyl lens)
RT4/RT4T	Double bib for use without headband

Replacement Suspensions for Hoods

20TG	Pinlock suspension
20RT	Ratchet suspension

Head Protection For Models 20TICH, 20SICH, 20SICVH, and GRH

C30R	Classic Series hard hat with six-point ratchet suspension
S51R	Standard Series hard hat with four-point ratchet suspension
RS6RC	Replacement six-point ratchet suspension
RS4RC	Replacement four-point ratchet suspension
ES42	Chinstrap for C30 and S51 hard hats

* Add DB suffix to part number for vinyl belt (example: EVA20LF2LDB)



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