

## 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

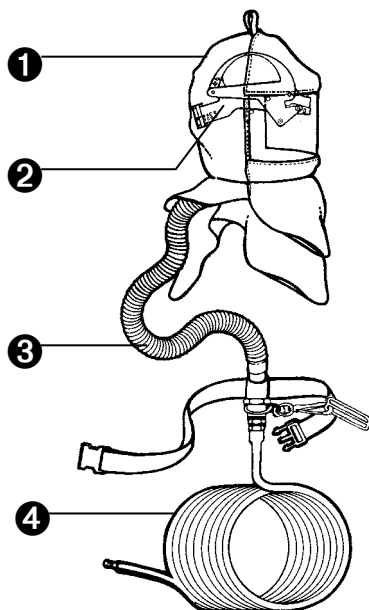
- Wide-angle faceshield and headband suspension system are positioned to create the maximum viewing area.
- Replacement outer lens helps protect inner lens from sparks and debris, extending the usable life of the product.



## 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



## 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.

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### ⚠ 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.

### 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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