



GR50 Supplied Air Respirator Technical Specifications

Respirator Type	Continuous flow airline respirator for use with compressed supplied air systems, or ambient air (Free Air) pumps.
Respirator Components	<ul style="list-style-type: none">• Respirator Hood• Suspension Headband or Bullard Hard Hat• Breathing Tube Assembly, Constant Flow Fitting or Optional Climate Control Assembly• Air Supply Hose
Approvals	<ul style="list-style-type: none">• Meets ANSI/ISEA Z89.1-2014 Head Protection Requirements when used with Bullard Hard Hat• Meets ANSI/ISEA Z87.1-2010, Z89+ Face Protection Requirements (High Impact Penetration)• NIOSH Approved Type C, Continuous Flow Class (Approval No. TC-19C-0329)• 1,000 Assigned Protection Factor (APF) with independent third-party testing.
Hood	<ul style="list-style-type: none">• No individual user fit test required.• Accommodates beards, hearing protection, prescription eyewear or safety glasses• Weighs 12 oz. (340g)• Outer hood made of Dupont® Nomex® - heat and flame resistance material• 12" long outer bib• Inner bib made from flame-retardant cotton• Hood may be hand-sponged with warm water and mild detergent, rinsed, and air-dried• Can be used for grinding, metalworking, or painting• Unique neck cuff helps maintain positive pressure and helps keep contaminants out• Inner Window made of .040" Polycarbonate• Replaceable outer lens available in .040" Polycarbonate or .020" PETG• Wide-angle face shield with a visible area of approx 13.25" X 6"• Approved for use with up to 300 feet of airline supply hose• Optional adhesive-backed Mylar® Lens covers
Optional Bullard Hard Hat	<ul style="list-style-type: none">• Offers two cap style hard hats (C30 or S51)• Hard hats made out of high-density polyethylene shell• Accessory slots for attachments• C30 offers 6-point Flex-Gear ratchet or pinlock suspension with large absorbent cotton brow pad with vertical height adjustment (two front, three rear)• S51 offers 4-point Flex-Gear ratchet or pinlock suspension with large poly brow pad with vertical height adjustment (two front, two rear)• Replacement suspensions for all hard hats available• Replaceable brow pad available in (Poly, Cotton and Vinyl)
Suspension Headband Only	<ul style="list-style-type: none">• Adjustable Flex gear Ratchet or pinlock headband suspension• Large poly brow pad• Four point comfort cradle in place of crown straps• Replaceable brow pad available in (Poly, Cotton and Vinyl)• Fits head sizes 6 1/2 to 8 (52-64mm)• Vertical Height adjustment (two front, two rear)

- Breathing Tube Assembly**
- Offers 3 different breathing tube covers made of Tychem[®] 2000, Tychem[®] 4000 or clear LDPE.
 - Approved and available with constant or climate control device with 1/2" Industrial Interchange (Hansen compatible) quick disconnect coupler for ambient air pumps.
 - Approved and available with constant or climate control device seven (7) different quick disconnect couplers for compressed supplied air systems.
 - Industrial Interchange (Hansen Compatible) in steel, brass or stainless steel
 - Snap-Tite in steel, brass or stainless steel
 - Schrader
 - CEJN
 - Bayonet
 - Standard Nylon belt or optional Decontamination belt

- Airline Supply Hose**
- Bullard V-10 airlines (3/8" ID) are approved for use with 25 ft. to 300 ft. of airline supply hose(s) using compressed supplied air systems.
 - Bullard V-20 airlines (1/2" ID) are approved for use with 50 ft. to 300 ft. of airline supply hose(s) using ambient air / free air systems.
 - Bullard airline hoses are made of EDPM reinforced rubber hose manufactured for supplied air respirator systems
 - Each Bullard V-20 airline hose (1/2" ID) is supplied with Industrial Interchange (Hansen Compatible) QD female Coupler and QD male nipple for use with ambient air / free air systems.
 - Each Bullard V-10 airline hose (3/8" ID) is supplied with a choice of various 1/4" QD airline fittings for use with compressed supplied air systems.
 - Industrial Interchange (Hansen Compatible) in steel, brass or stainless steel
 - Snap-Tite in steel, brass or stainless steel
 - Schrader
 - CEJN
 - Bayonet

- Compressed Air Optional**
- Approved for use with Bullard's GR50 supplied air respirator system
 - Cool Tube (AC1000) - High Pressure Supplied Air Only
 - Cools incoming air by as much as 30°F (17°C)
 - Adjustable airflow control valve for individual comfort
 - Hot/Cold Tube (HC2400) - High Pressure Supplied Air Only
 - Cools or warms incoming air by as much as 30°F (17°C)
 - Adjustable airflow control valve for individual comfort
 - Change between cooled or warmed air in seconds
 - Dual-Cool (DC5040) - High Pressure Supplied Air Only
 - Cools incoming air by as much as 30°F (17°C).
 - Cools air supplied to both hood and cooling vest
 - Separate control knobs allow adjustment of the temperature of air to each zone
 - High Pressure Supplied Air sent to the DC5040 must have the capacity to supply a minimum of 30 cfm (850 lpm) of airflow
 - Cooling Vest (DC70)
 - Sizes M, L, XL, XXL

Warranty 1 year limited manufacturer warranty for original purchaser from date of purchase

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