



Head  
Protection



Respiratory  
Protection



Fire and Rescue  
Safety



Thermal  
Imaging

## The most popular blasting respirator just got better!

- **1,000 Assigned Protection Factor (For Lead Environments)**
- **Comfortable Fit**
- **Wide Field of Vision**
- **Abrasive Rebound Protection to Head, Neck and Upper Torso**

The Bullard 88VX Series airline respirators offer advancements in comfort and reliable respiratory protection for abrasive blasters and painters.

The 88VX Respirator is NIOSH approved as a Type C and CE Continuous Flow Class Respirator (Approval No. TC-19C-293).

## The 88VX Series Advantage

### Advanced Protection

88VX Series airline respirators provide advanced protection in the harsh exposures of blasting and painting. The snug, yet comfortable, sewn-in neck cuff provides a physical barrier to airborne contaminants and helps maintain positive pressure within the helmet. A new double lining in the neck area now enhances durability and protection.

### Comfortable Fit

A lightweight inner shell with an adjustable headband suspension holds the respirator firmly and comfortably on the wearer's head. Airflow is channeled directly to the user's breathing zone for easy breathing. The helmet easily accommodates beards, prescription eye wear, or safety glasses. No fit testing is required.

### Head Protection

The helmet provides top impact and penetration protection. The helmet and cape help protect the worker's entire head, face, and upper body from abrasive rebound, airborne contaminants and messy overspray.

### Optimum Visibility

The wide-angle faceshield lens and headband suspension system are positioned for optimum visibility. With the translucent yellow helmet, workers don't experience a closed-in feeling.

### Overall Convenience

88VX respirator components are easily replaceable – saving you lost time on the job as well as the inconvenience of having to replace the entire respirator assembly.

### Climate Control

Optional climate control assemblies permit workers to warm or cool incoming air to maximize comfort and improve productivity.

## **Features and Benefits**

### **New injection-molded inner shell**

Key slots for suspension are now molded in the shell to provide a better fit. The new shell is also lightweight, compact, and portable.

### **New latch design on window frame and helmet**

Stronger, lower profile provides more tension on window, and protection for the interior hook.

### **New forest green window frame gasket material**

More durable, enhanced resistance to temperature variations, better conformity to window frame. Easier to install into hood and replace inner lens.

### **New forest green window frame material**

More flexible and durable, better gasket seal. Easier to install outer lens.

### **New breathing tube with more flexible coating and forest green cuffs**

More flexible and durable, reducing the amount of strain on the helmet and thus the user's neck.

### **New cape design with double lining above neck**

Double lining enhances durability, comfort, and protection.

### **New latch position behind window frame**

Reduces difficulty of attaching cape to helmet and prevents accidental opening.

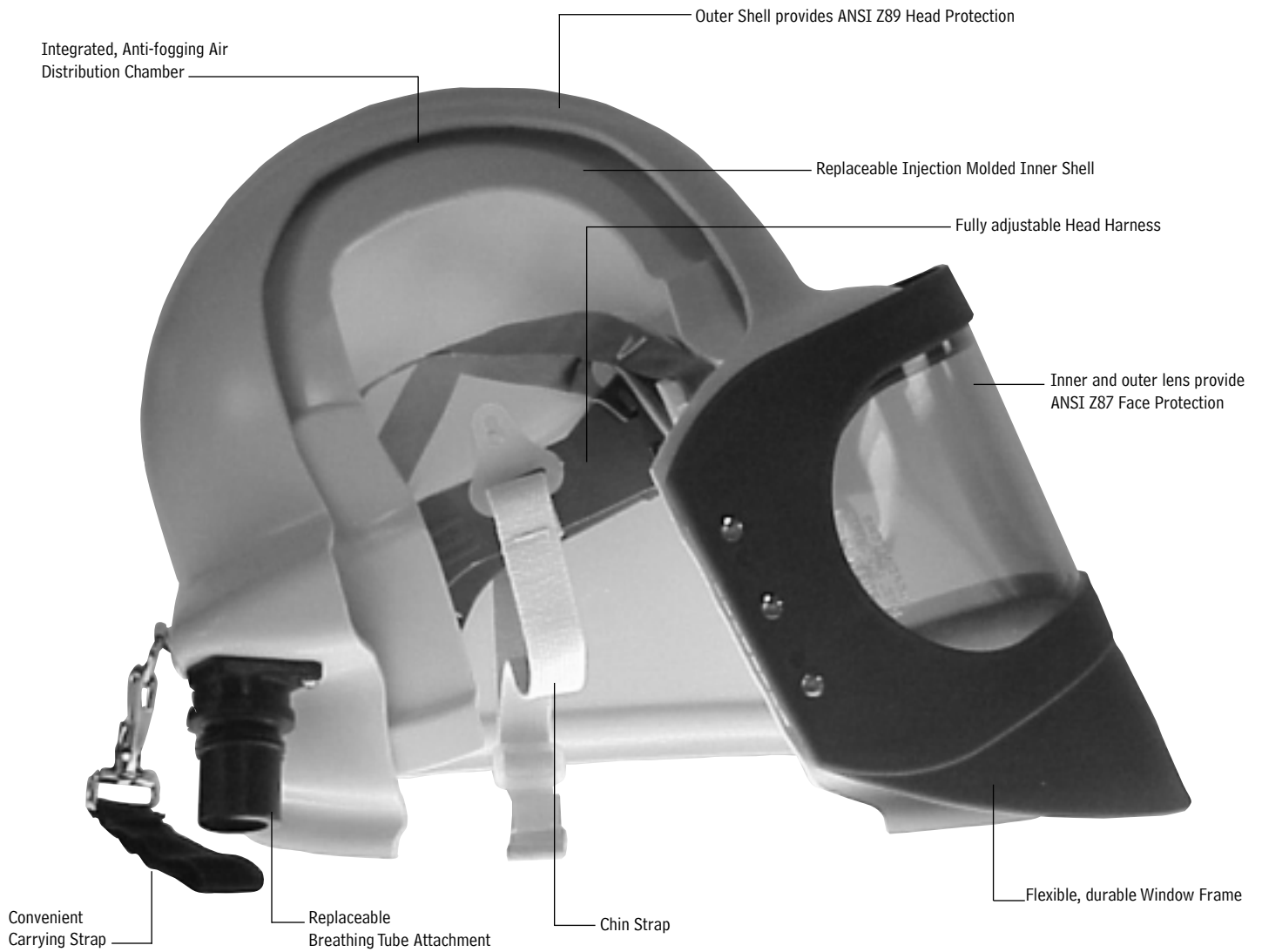
### **New breathing tube positioning loops on back of cape to retain the breathing tube**

Reduced snagging hazard on breathing tube.

### **New Mylar® cover lens with new pull-tab design**

Easier to pull off used cover lens.

# 88VX Series Airline Respirator



## Climate Control Options



AC1000

**AC1000** – The Bullard AC1000 Series Cool Tube cools incoming air from compressed breathing air sources by as much as 30°F (17°C).



Frigitron® 2000

**Frigitron® 2000** – Designed for use with Bullard ADP20 or EDP30 Free-Air® pumps. Cools air by as much as 20°F (11°C).

**DC70 Cooling Vest** – Lightweight cooling vest to be used with the DC50 Series.



DC70 Cooling Vest

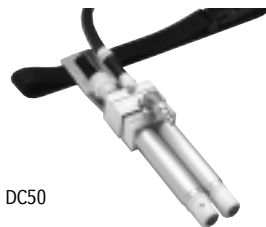
**HC2400** – The HC2400 cools or warms air from compressed breathing air sources by as much as 30°F (17°C).

**DC50** – DUAL-COOL™ device cools incoming air from compressed air sources by as much as 30°F (17°C). One stream of air cools the head while the second stream cools the upper torso.

**Heat Shield** – For use with the AC1000 and HC2400. Protects the worker's body from heat exhausted from the climate control devices.



HC2400



DC50



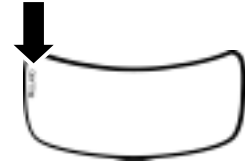
Heat Shield

### ⚠ WARNING

IN ACCORDANCE WITH TITLE 42, CODE OF FEDERAL REGULATIONS, PART 84, USE OF UNAPPROVED REPLACEMENT PARTS ON NIOSH APPROVED RESPIRATORS VOIDS NIOSH APPROVAL.

By using unapproved replacement parts such as LENSES, CAPES, AIR SUPPLY HOSES, and CLIMATE CONTROL DEVICES, on NIOSH Approved respirators, the end-user is in violation of OSHA requirements and is subject to citation by OSHA enforcement officers. Furthermore, by voiding NIOSH approval, the end user/employer jeopardizes the protection and integrity of the respirator system, and assumes liability for any problems that occur from use of the respirator.

To be assured you are using a NIOSH approved Bullard respirator system you must use only Bullard replacement parts. The diagrams below illustrate how easy it is to identify approved Bullard replacement parts. Failure to follow these instructions could result in death or serious injury.



### Lenses

Bullard name and part number stamped on lens.



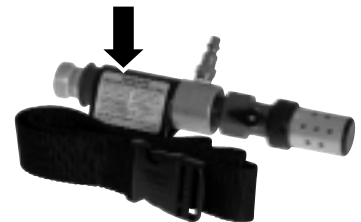
### Capes

Bullard name patch sewn on the inside and outside of every cape.



### Air Supply Hoses

Bullard name printed along the entire length of the hose, stamped onto the crimped end of the fittings, and on label.



### Climate Control Devices

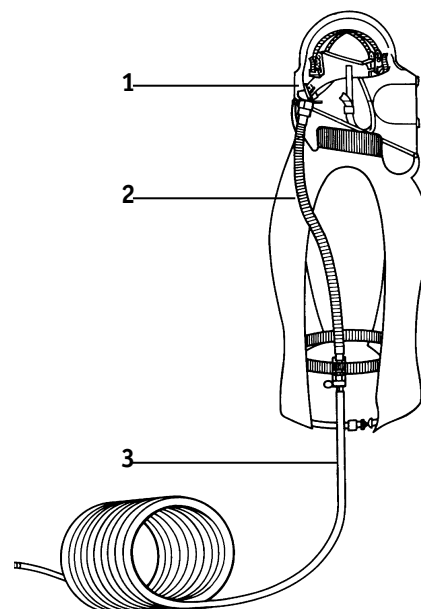
Identified by labels attached to the device.

# 88VX Series Airline Respirator

## Component Concept

The Bullard 88VX Series airline respirator consists of three components. All must be present and properly assembled to constitute a complete NIOSH approved respirator. (TC-19C-293, Type C and Type CE).

1. Respirator helmet and cape
2. Breathing tube assembly
3. Breathing air supply hose



### **⚠ WARNING**

Failure to use complete NIOSH approved Bullard components and replacement parts voids approval of entire assembly. Failure to follow these instructions could result in death or serious injury.

### **⚠ WARNING**

88VX Series airline respirators 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 84.14 (b).

This respirator does not purify air or filter out contaminants. 88VX Series 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. Failure to follow these instructions could result in death or serious injury.

### **⚠ CAUTION**

88VX respirators DO NOT provide eye protection. Wear approved safety glasses or goggles at all times. Failure to follow these instructions may result in minor or moderate injury.

## Ordering Information

CATALOG NUMBER	DESCRIPTION
<b>1. 88VXSYS</b>	Includes a 88VX3235 respirator assembly, ADP20 Free -Air® pump, 50 foot (15 m) air supply hose and Frigitrone® 2000 climate control device.
<b>2. Respirator Models</b>	
<b>For use with breathing air compressors</b>	
Includes EVX30 breathing tube assembly with 1/4" Industrial Interchange fitting and belt, inner and outer lenses and cape. Breathing air supply hose not included.	
<b>88VX3230</b>	Respirator with 46VX nylon cape – 28" (71 cm) length.
<b>88VX3230H</b>	Same as model 88VX3230 with 25' (8m) of starter hose.
<b>88VX1330</b>	Same as model 88VX3230 with 13VX nylon cape – 38" (96cm) length.
<b>88VXR3230</b>	Respirator with 46VX nylon cape – 28" (71 cm) length, rectangular shaped window.
<b>For use with Bullard Free-Air® Pumps</b>	
Includes EVX35 breathing tube assembly with 1/2" Industrial Interchange fitting and belt, inner and outer lenses and cape. Breathing air supply hose not included.	
<b>88VX3235</b>	Respirator with 46VX nylon cape – 28" (71 cm) length.
<b>Replacement Capes for 88VX Series Airline Respirators</b>	
<b>46VX</b>	Tan Nylon Cape – 28" (71 cm) length.
<b>13VX</b>	Tan Nylon Cape – 38" (96 cm) length.
<b>21VX</b>	"Golden Gate" Style, Tan Nylon Cape – 38" (96 cm) length.
<b>36VX</b>	Hibernia Parka, Tan Nylon Parka with Long Sleeves – 38" (96 cm) length.
<b>36LVX</b>	Hibernia Parka, Tan Nylon Parka with Long Sleeves – 38" (96 cm) length, extra large.
<b>Accessories for 88VX Series Airline Respirators</b>	
<b>88VXTG</b>	Adjustable headband suspension.
<b>88VXRT</b>	Adjustable Sure-Lock® ratchet headband suspension.
<b>88VXRAK</b>	Rectangular Door/Gasket/Latch Kit.
<b>88VXAK</b>	Oval Door/Gasket/Latch Kit.
<b>88VXUGK</b>	88 Upgrade Kit.
<b>20NC</b>	Elastic Chin Strap.
<b>99PL</b>	Inner Shell.
<b>88CK</b>	Breathing Tube Connector Kit.
<b>Replacement Lenses for 88VX Series (Oval)</b>	
<b>771B(.040)</b>	Inner plastic lens, .040" (1 mm) thick (25/pkg)
<b>771(.040)</b>	Outer plastic lens, .040" (1 mm) thick (25/pkg)
<b>771(.020)</b>	Outer plastic lens, .020" (0.5 mm) thick (50/pkg)
<b>88VXLC</b>	Clear Mylar lens cover, perforated edges (25/pkg)
<b>Replacement Lenses for 88VXR Series (Rectangular)</b>	
<b>461B</b>	Inner plastic lens, .040" (1 mm) thick (25/pkg)
<b>461 (.040)</b>	Outer plastic lens, .040" (1 mm) thick (25/pkg)
<b>461R</b>	Outer plastic lens, .015" (0.4 mm) thick (50/pkg)
<b>771R(.015)</b>	Outer plastic lens, .015" (0.4 mm) thick (50/pkg)
<b>7714</b>	Clear Mylar lens cover, adhesive-backed (25/pkg)

CATALOG NUMBER	DESCRIPTION
<b>3. Replacement Breathing Tube Assemblies</b>	Includes breathing tube, airflow control, quick-disconnect fitting and belt.
<b>Standard Breathing Tube Assemblies</b>	
<b>EVX30</b>	Breathing tube assembly with 1/4" Industrial Interchange, steel quick-disconnect fitting. Constant airflow. For use with breathing air compressors.
<b>EVX40</b>	Breathing tube assembly with 1/4" Industrial Interchange, steel quick-disconnect fitting. Adjustable airflow. For use with breathing air compressors.
<b>EVX35</b>	Breathing tube assembly with 1/2" Industrial Interchange, steel quick-disconnect fitting. Constant airflow. For use with ambient air pumps.
<b>88VXBT</b>	Breathing tube only (fitting not included)
<b>Optional Climate Control Breathing Tube Assemblies</b>	
<b>AC1000</b>	Cool tube with 1/4" Industrial Interchange, steel quick-disconnect fitting. Adjustable airflow. For use with breathing air compressors.
<b>HC2400</b>	Hot/Cold tube with 1/4" Industrial Interchange, steel quick-disconnect fitting. Adjustable airflow. For use with breathing air compressors.
<b>Frigitrone® 2000</b>	Cool tube with 1/2" Industrial Interchange, steel quick-disconnect fitting. Adjustable airflow. For use with Bullard ADP20 or EDP30 pumps.
<b>DC5040</b>	DUAL-COOL™ with 1/4" Industrial Interchange for use with air compressors. Order DUAL-COOL vests separately.
<b>DC70M/L</b>	DUAL-COOL vest. Size M/L.
<b>DC70XL/XXL</b>	DUAL-COOL vest. Size XL/XXL.
<b>4. Air Supply Hoses and Fittings</b>	
<b>V10 Series Starter and Extension Hose Kits</b>	
<b>For use with Breathing Air Compressors</b>	
Includes 3/8" (10 mm) I.D. rubber hose, V11 hose-to-hose adapter fitting and V13 adapter fitting - 3/8" (10 mm) hose-to-3/8" (10 mm) pipe.	
<b>4696</b>	25' (8 m) Starter hose kit with 1/4" Industrial Interchange, steel quick-disconnect fittings.
<b>5454</b>	25' (8 m) Extension hose kit
<b>5457</b>	50' (15 m) Extension hose kit
<b>5458</b>	100' (31 m) Extension hose kit
<b>V5 Series Coiled Starter Hoses</b>	
<b>For use with Breathing Air Compressors</b>	
Includes 3/8" (10 mm) I.D. nylon coiled hose.	
<b>V52530</b>	25' (8 m) with 1/4" Industrial Interchange, steel quick-disconnect fitting
<b>V55030</b>	50' (15 m) with 1/4" Industrial Interchange, steel quick-disconnect fitting
<b>V20 Series Starter Hoses</b>	
<b>For use with Free-Air Pumps</b>	
Includes 1/2" (13 mm) I.D. rubber hose with 1/2" Industrial Interchange male/female quick-disconnect coupler.	
<b>V2050ST</b>	50' (15 m)
<b>V20100ST</b>	100' (31 m)

\*Note: Other types of quick-disconnect couplers are available. Contact Bullard for further information.



[www.bullard.com](http://www.bullard.com)

# **Bullard**

It's your life and you're worth it™

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