



HMX and HMXi Hard-Shell Respirator Helmet Tech Specifications

Respirator EVA/EVAHL Powered-Air Purifying Respirator (PAPR) System with HMX and HMXi hard-shell respirator helmets

- Approvals**
- NIOSH Approved EVA/EVAHL PAPRs with HMX series hard-shell respirator helmets.
 - Some models have a 1,000 Assigned Protection Factor (APF) with third-party testing.
 - ANSI/ISEA Z89.1, Type I, Class E&G Head Protection
 - ANSI/ISEA Z87.1, Z87+ High-Impact Face Protection



- Respirator Components**
- Helmet
 - Shroud
 - Breathing Tube with EVA/EVAHL PAPR system

- Specific Features**
- Approved with a variety of filter cartridges for particulates and/or vapor protection capabilities

- Helmet**
- Weight: 2.36 pounds (helmet, suspension, and lenses)
 - Over the top fog reducing air distribution
 - Center-mounted breathing tube connection to helmet
 - Lightweight inner suspension assembly with adjustable 6-pt. Flex-Gear® ratchet suspension with 1" wide webbing, fits sizes 6.5" - 8"
 - Non-porous hard-shell helmet allows for easy cleaning
 - Replaceable Inner lens made out of PETG
 - Viewable area of approx. 6" wide x 9" tall
 - Replaceable outer door lens made from Polycarbonate High Heat material with applied hard coating to lens
 - Outer lens options include clear and welding shades 5 and 10
 - Helmet melting point is 500°F/260°C
 - Helmet heat deflection rating is 275°F/135°C
 - Helmet shell made from a Polycarbonate/Polybutylene Terephthalate blend
 - Optional adhesive-backed Mylar® Lens Covers

- Shroud Options**
- Lightweight FR shroud with Coolderm technology
 - Heavy-duty FR shroud made from DuPont™ Kevlar® spun yarn, twill weave, polymer coated on both sides
 - DuPont Tychem 2000
 - DuPont Tychem 4000
 - Tychem shroud material can only be hand washed
 - FR shroud material is machine washable

EVA/EVAHL PAPR • For further information, see the EVA or EVAHL Technical Specs document

Warranty One-year limited warranty from date of purchase on entire helmet, up to and including shell. Shrouds, breathing tubes, and other disposable accessories are not included.

Bullard Center
2421 Fortune Drive
Lexington, KY 40509 • USA
877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-246-0243

Americas Operations
1898 Safety Way
Cynthiana, KY 41031 • USA
877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-234-8987

Bullard GmbH
Dieselstrasse 8a
53424 Remagen • Germany
Tel: +49-2642 999980
Fax: +49-2642 9999829

Bullard Asia Pacific Pte. Ltd.
51 Changi Business Park
Central 2
#03-04 The Signature
Singapore 486066
Tel: +65 6745 0556


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