



EVAHL Powered Air Purifying Respirator Technical Specifications

NIOSH Approvals: TC-21C-0922 (PAPRFC3/Loose Fitting Headtops)
TC-23C-2765 (PAPRFC4/Loose Fitting Headtops)
TC-23C-3097 (PAPRFC5/Loose Fitting Headtops)
TC-21C-1329 (PAPRFC3/Sightline Series)
TC-23C-3991 (PAPRFC4/Sightline Series)
TC-23C-3992 (PAPRFC5/Sightline Series)



CSA Hazardous Locations Approvals

Class I, Division 2, Groups A, B, C, D T6
Class II, Division 2, Groups F, G
Class III
Certificate 2510928

Assigned Protection Factor 1,000 with CC20, Sightline, RT double bib hoods
25 with Loose-Fitting Facepiece

Battery Specifications Rechargeable Lithium Polymer technology
Fuel gauge to visually indicate remaining capacity
4-10 hours of run time on a single battery

Blower Specifications Single filter design HE and Combination Cartridges
"On-board" battery (no external cables)
Filter locking tab for visual confirmation of correct installation
Active Flow Technology (Mass Flow Sensor Feedback Loop)
User-selectable two-speed operation:
7.0 CFM/198 LPM
8.5 CFM/241 LPM
Multiple lengths available for breathing tubes

Belt Specifications Two belt options available:
Closed cell foam belt
Chemically resistant polyurethane/urethane belt
Adjustable for waist sizes between 28-inches and 60-inches (71 cm and 152 cm)
Belt extenders available
6.5-inches tall in lumbar region

Charger Specifications One-port smart charger with trickle charge mode and optional diagnostics
Six-port smart gang charger with trickle charge mode

Airflow: Loose Fitting Headtops (low/high speeds):
7.0 CFM/ 198 LPM
8.5 CFM/ 241 LPM

Alarms: Audible Low Battery and Low Flow

Operating Temperature: 23° F to 129° F
-5° C to 54° C

Storage Temperature: 23° F to 131° F
-5° C to 54° C

Warranty: 1-year limited warranty to original purchaser from date of purchase on the blower, battery, charger, and hood

High Efficiency Particulate Filters

Part Number: PAPRFC3
Protections: Particulates
Packaging: 6 per box
Expiration/Shelf Life: 10 years (unopened) with proper storage conditions

Combination Particulate and Chemical Cartridge

Part Number: PAPRFC4
Protections: Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, and Particulates
Packaging: 6 per box
Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

Combination Particulate and Chemical Cartridge

Part Number: PAPRFC5
Protections: Ammonia, Formaldehyde, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, and Particulates
Packaging: 6 per box
Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

Sightline Series Hoods

Fabric Material: Dupont™ Tychem® 2000
Lens Material: PETG
Packaging: Dupont™ Tychem® 2000 (10 per box)
Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

CC20 Series Hoods

Fabric Material: Dupont™ Tychem® 4000, Dupont™ Tychem® 2000
Lens Material: Acetate, PETG
Headband/Suspension: 4-point Ratchet (standard), 4-point Pinlock (optional), or Hard Hat
Packaging: Dupont™ Tychem® 4000 (5 per box), Dupont™ Tychem® 2000 (10 per box)
ANSI Face Protection: 20TICH/20SICH meets clauses 7.1.4.2 and 7.1.4.4 of ANSI/ISEA Z87.1 2020, impact requirements for face protection
Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

20LF Series Loose-Fitting Facepieces

Fabric Material: Dupont™ Tychem® 4000, Dupont™ Tychem® 2000
Lens Material: PETG
Headband/Suspension: 4-point Ratchet (standard), 4-point Pinlock (optional)
Packaging: Dupont™ Tychem® 4000 (5 per box), Dupont™ Tychem® 2000 (10 per box)
Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

RT Series Hoods

Fabric Material: Dupont™ Tychem® 4000, Dupont™ Tychem® 2000
Lens Material: Acetate
Packaging: Dupont™ Tychem® 4000 (5 per box), Dupont™ Tychem® 2000 (10 per box)
Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

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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