NIOSH Approvals:
- 42 CFR Part 84
- TC-21C-0836 (PAPRFC3/Hoods)
- TC-23C-2510 (PAPRFC4/Hoods)
- TC-23C-2886 (PAPRFC5/Hoods)
- TC-21C-08444 (PAPRFC3/Spectrum Series®)
- TC-23C-02512 (PAPRFC4/Spectrum Series®)
- TC-21C-0846 (PAPRFC3/FAMB)
- TC-23C-2511 (PAPRFC4/FAMB)
- TC-21C-0940 (PAPRFC3/SparxLift)
- TC-21C-0941 (PAPRFC3/SparxLift)

Assigned Protection Factor:
- 1,000 (with CC20, RT and GR50 Series double bib hoods)
- 1,000 with Spectrum Series® Full-Face Mask
- 50 with FAMB Series Half Mask
- 25 with Loose-Fitting Facepiece

Battery Technology:
- Rechargeable Lithium Polymer, 4-16 hours run time
  4 cells, 6300 mAh, 16.8V Peak, 14.8V nominal

Airflow:
- 200/240 lpm (low/high speeds) for hoods and 120/135 lpm for masks

Alarms:
- Audible Low Battery and Low Flow
- Audible High Temperature at 50º C

Warranty:
1 Year (Blower, Battery, Charger)

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

Storage Temperature:
- 23º F to 131º F
- -5º C to 55º C

HE Filters
- Part Number: PAPRFC3
- Approvals: High Efficiency Particulate
- Packaging: 6 per box
- Expiration/Shelf Life: 10 years (unopened) with proper storage conditions

OV/AG/HE Filters
- Part Number: PAPRFC4
- Approvals: Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, and High Efficiency Particulates
- Packaging: 6 per box
- Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

AM/FM/MA/AG/HE Filters
- Part Number: PAPRFC5
- Approvals: Ammonia, Formaldehyde, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, and High Efficiency Particulates
- Packaging: 6 per box
- Expiration/Shelf Life: 5 years (unopened) with proper storage conditions

Blower Specifications:
- Maximum of one filter or cartridge required
- "On-board" battery compartment (no external battery cables to connect)
- Filter locking tab for visual confirmation of correct installation
- 77dBA low voltage alarm
- 77dBA low flow alarm
- Active Flow Technology (Mass Flow Sensor Feedback Loop)
- User-selectable two-speed operation (7 CFM regular speed, 8.5 CFM high speed for hoods; 4.25 CFM regular speed, 4.75 CFM high speed for masks)
- Three lengths available for breathing tubes
## Belt Specifications
- Chemically resistant closed cell or vinyl/urethane
- 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
- Vinyl Belt Available

## Charger Specifications
- One-port “genius” charger with diagnostic capabilities
- Six-port smart gang charger with trickle charge mode

## CC20 Series Hoods
- **Fabric Material:** Dupont™ Tychem® QC, Dupont™ Tychem® SL
- **Lens Material:** Acetate, PETG
- **Headband/Suspension:** 4-point Ratchet (standard), 4-point Pinlock (optional), or Hard Hat
- **Packaging:** Tychem SL (5 per box), Tychem QC (10 per box)
- **ANSI Face Protection:** 20TICH/20SICH provide limited face protection per ANSI/ISEA Z87.1 - 2010
- **ANSI Head Protection:** 20TICH/20SICH provide ANSI/ISEA Z89.1 - 2009 head protection when worn with C30 or S51 Bullard Hard hats

## 20LF Series Loose-Fitting Facepieces
- **Fabric Material:** Dupont™ Tychem® QC, Dupont™ Tychem® SL
- **Lens Material:** Acetate, PETG
- **Headband/Suspension:** 4-point Ratchet (standard), 4-point Pinlock (optional)
- **Packaging:** Tychem SL (5 per box), Tychem QC (10 per box)

## RT Series Hoods
- **Fabric Material:** Dupont™ Tychem® QC, Dupont™ Tychem® SL
- **Lens Material:** Acetate
- **Packaging:** Tychem SL (5 per box), Tychem QC (10 per box)

## GR50 Series Hoods
- **Fabric Material:** Dupont™ Nomex®, FR Cotton
- **Lens Material:** Polycarbonate
- **Headband/Suspension:** 4-point Ratchet (standard), 4-point Pinlock (optional), or Hard Hat
- **Packaging:** 1 per box
- **ANSI Face Protection:** ANSI/ISEA Z87.1+ - 2010 impact face protection
- **ANSI Head Protection:** ANSI/ISEA Z89.1 - 2009 head protection when worn with C30 or S51 Bullard Hard hats

## FAMB Series Half Masks
- **Material:** Silicone
- **Sizes:** (3), Small, Medium, Large
- **Packaging:** 1 per box

## Spectrum® Series Full-Face Masks
- **Material:** Silicone
- **Lens Material:** Polycarbonate
- **Sizes:** (3), Small, Medium, Large
- **Packaging:** 1 per box
- **ANSI Face Protection:** ANSI/ISEA Z87.1+ - 2010 impact face protection

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