

# CleanSpace®

R E S P I R A T O R S

WWW.CLEANSPACEUSA.COM



**CLEANSPACE® EX**

INTRINSICALLY SAFE CERTIFIED  
NIOSH APPROVED

WITH  
**AirSensit®**  
TECHNOLOGY

NO HOSES,  
BELTS OR  
WAIST MOUNTED  
BATTERY  
PACKS

REVOLUTIONARY  
RESPIRATORY  
PROTECTION



# CleanSpace<sup>®</sup>

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## REVOLUTIONARY RESPIRATORY PROTECTION



# Work Effortlessly & Comfortably

Over long periods with High Efficiency Particulate Air (HEPA) Filter Protection

**INTRINSICALLY SAFE CERTIFIED**  
ANSI/UL STANDARDS & CAN/CSA STANDARDS

**SAFE**

Fully certified positive pressure respirator with HEPA filtration efficiency (99.97%) ensuring maximum protection in the workplace. UP to 8 hours run time. TSI Portacount testing adaptors available.

**WEARABLE**

Easy to wear; Effortless and comfortable. No hoses or heavy belt mounted battery packs. Award winning lightweight design (less than 2lb) and lithium polymer battery delivers clean fresh air for a full shift.

**SMART**

Tough, reliable, cost effective; no servicing or maintenance and easy to clean; A simple one-button system; CleanSpace compact design provides compatibility with other safety equipment.

## CLEANSPACE EX

**Powered Respirator – HEPA  
INTRINSICALLY SAFE CERTIFIED**

Light and compact. No hoses, belts or cables.  
Few parts. Easy to clean and maintain.  
HEPA particulate filters. NIOSH approved.

- Oil and Gas Refineries
- Chemical
- Pharmaceutical
- Laboratories
- Grain handling.



**Work effortlessly and comfortably with HEPA Particulate Filtration. Free online training.**

CleanSpace is the only choice in protective masks due to its comfort and one-button simplicity. Filtration Efficiency 99.97% for particles 0.3microns and above. Protects against dusts, mists, fumes and radionuclides. Ideal for lead, silica, biohazards and other hazardous particulates. Now the choice in respiratory safety around the world.

Contact one of the CleanSpace specialists at: [sales@cleanspacetechnology.com](mailto:sales@cleanspacetechnology.com)

## FIND THE RIGHT CLEANSPACE FILTER

This table is a guide to assist filter selection based in your applications.<sup>1</sup> A user should refer to the Material Data Safety Sheet (MSDS) and establish the concentration before selecting a filter.

| INDUSTRY                  | APPLICATION   | HAZARD  | RIBB | FILTER TYPE  | CLEANSPACE FILTER CODE |
|---------------------------|---|---|------|--------------|------------------------|
| Construction              | Cutting, grinding: Concrete, cement, stone, brickwork   | Crystalline Silica & concrete, stone, plaster dust  | ■    | HEPA         | PAF-1037               |
|                           | Applying insulation: Glass & mineral fiber  | Particles and fibers                                | ■    | HEPA         | PAF-1037               |
| Metal Work                | Cutting, grinding, drilling metal (with ventilation)  | Metallic or rust powder (Conc. Dependant)           | ■    | HEPA         | PAF-1037               |
|                           | Soldering (without paste)   | Smoke particles                                     | ■    | HEPA         | PAF-1037               |
|                           | Welding MIG, TIG, STICK: Aluminium (with ventilation)   | Aluminium oxide, smoke, ozone                       | ■    | HEPA         | PAF-1037               |
|                           | Welding MIG, TIG, STICK: Steel, Stainless & Galvanized Steel                                  | Metallic powder, metal oxide smoke                  | ■    | HEPA         | PAF-1037               |
| Paint Work                | Grinding: Paint, lacquers and anti corrosion paint (inc chromium)                             | Fine paint particles                                | ■    | HEPA         | PAF-1037               |
|                           | Spraying & varnishing: isocyanates  | Solvent vapor and paint particles (Conc. Dependant) |      | SUPPLIED AIR |                        |
|                           | Powder coating  | Fine paint particles                                | ■    | HEPA         | PAF-1037               |
| Wood Work                 | Sanding & scraping removal: Paint, polyester resin, lacquers & adhesive (inc. chromium based) | Fine paint particles                                | ■    | HEPA         | PAF-1037               |
|                           | Cutting, planing, drilling: Wood (inc. beechwood & oak)                                       | Wood dust particles                                 | ■    | HEPA         | PAF-1037               |
| Healthcare & Laboratories | Collection & Handling: Biological material  | Particles or mist                                   | ■    | HEPA         | PAF-1037               |
|                           | Clinical Setting: Infectious disease  | Particles or mist                                   | ■    | HEPA         | PAF-1037               |
| Agriculture               | Cleaning: Animal pens & feed systems (silos)  | Dust particles                                      | ■    | HEPA         | PAF-1037               |
| Handling & Transport      | Crystalline silica (Hard rock)  | Crystalline silica (Hard rock)                      | ■    | HEPA         | PAF-1037               |
|                           | Asbestos  | Asbestos  | ■    | HEPA         | PAF-1037               |
|                           | Lead recycling & abatement  | Lead  | ■    | HEPA         | PAF-1037               |
|                           | Radionuclides   | Radionuclides                                       | ■    | HEPA         | PAF-1037               |
|                           | Bacteria, spores, biological material   | Bacteria, spores, biological material               | ■    | HEPA         | PAF-1037               |

1) Cleanspace Technology accepts no liability for incorrect choice of respiratory protective equipment. This chart is only an outline. It is designed to assist in the selection of the most appropriate filter for particular applications. It should not be used as the only means of selecting respirator/filter combination. This guide does not release the user from the obligation to comply with national application regulations and laws and is not a substitute for adhering to and understanding the product instruction manuals. For selection of the correct respiratory protection equipment for your application, consult a safety specialist.  
2) CleanSpace offers two particulate filters: Standard and HiCapacity. HiCap filters require the adaptor (PAF-0078). 3) Filtering respiratory protection devices should not be used in poorly ventilated areas or confined spaces, such as tanks, small rooms, tunnels or vessels. CleanSpace respirators should not be used in oxygen deficient or oxygen enriched atmospheres or flammable or explosive environments.



## 1 POWER UNITS

**PAF-1060**  
CleanSpace EX PAPR



## 2 FACE MASKS

**PAF-0064**  
Small  
**PAF-0062**  
Medium  
**PAF-0063**  
Large



## 3 FILTERS

**PAF-1037**  
Hi Capacity High Efficiency  
(HEPA) Particulate Filter  
(Single)



## ACCESSORIES

**PAF-0099**  
Backpack (Black)

**PAF-0074**  
Cleaning & Storage Plug Set

**PAF-0025**  
Half Mask Adaptor for Quantitative Fit  
(Portacount) Testing

## SPARES

**PAF-1012**  
CleanSpace EX Neck support (Medium)

**PAF-1028**  
CleanSpace EX Neck support (Small)

**PAF-1013**  
CleanSpace EX Neck support (Large)

**PAF-0028**  
Half Mask Exhalation Valve Assembly (pk 2)

**PAF-0073**  
CleanSpace EX Head Harness

**PAF-0066**  
CleanSpace EX Battery Charger

## 4 FILTER ADAPTOR

**PAF-0078**  
CleanSpace EX  
Filter Adaptor



## CLEANSAPCE EX PAPR SUPPLIED PARTS NIOSH APPROVED

CleanSpace EX Respirators are sold as a system excluding the mask.

Parts that are included with the respirator:

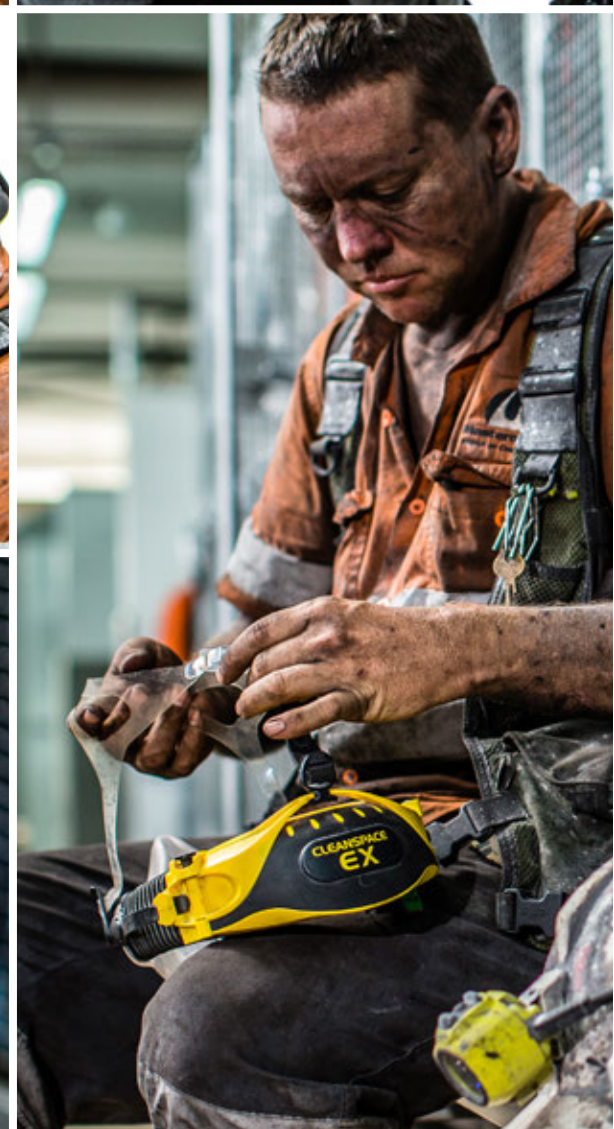
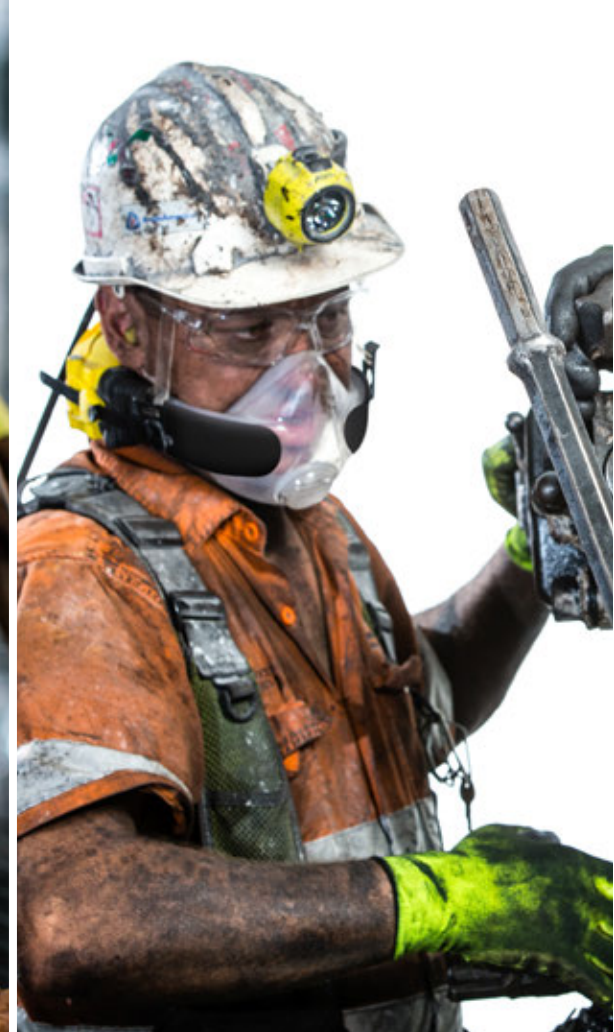
1. CleanSpace EX Power unit with adaptor and high Efficiency (HEPA) particulate filter
2. Neck support (small, medium and large)
3. Head Harness (EX)
4. Battery Charger (EX)

5. Flow Test Cap (yellow) and Seal Check Cap (red)
6. CleanSpace storage bag
7. User instruction

\*Masks sold separately.







## APPROVALS



### ETL Certification to confirm that CleanSpace EX (PAF-1060)

Conforms to ANSI/UL Standards UL 60079-0:2013, UL 60079-11:2014  
Is certified to CAN/CSA Standards CSA 60079-0:2015, CSA 60079-11:2014

### CleanSpace EX approvals have the following classifications for intrinsically Safe:

Class I, Division 2, Groups C and D, T4  
Class I, Zone 1, AEx ib IIB T4 Gb

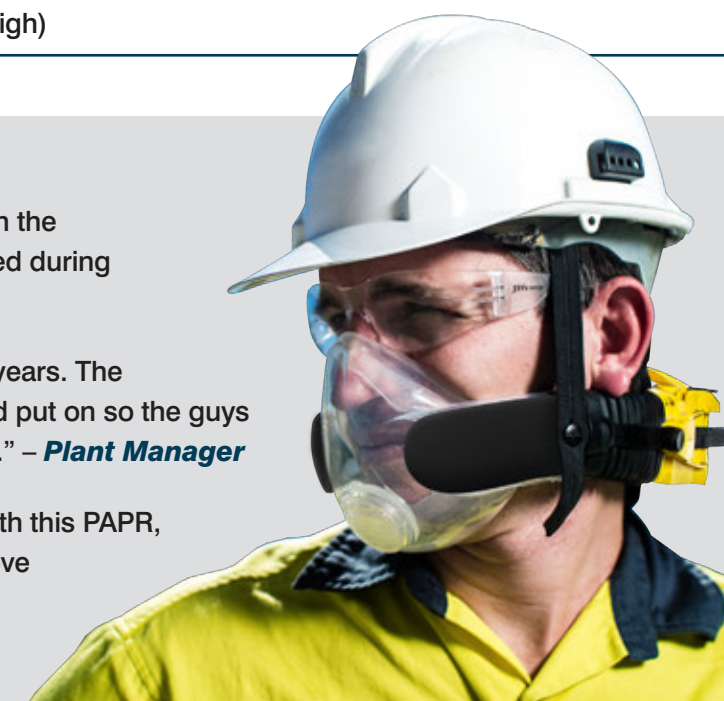
### Key to ETL markings:

|                     |  |
|---------------------|--|
| Class I, Division 2 | Explosive Atmosphere (gas or vapor), Area classification (A place in which an explosive atmosphere is likely to occur in normal operation) |
| Groups C and D      | Gas group (Ethylene and Propane)   |
| T4                  | Temperature class (Maximum surface temperature 135°C/275°F)  |
| Class I, Zone 1     | Explosive Atmosphere (gas or vapor), Area classification (Present intermittently)  |
| AEx                 | Explosion Protected approved to US Standards   |
| ib                  | Type of ignition protection (intrinsic safety, high protection)  |
| IIB                 | Gas group Ethylene   |
| Gb                  | Equipment protection class (high)  |

“The cool airflow on my face and light face piece with the CleanSpace mask, I no longer get headaches or tired during my shift.” – **Loader Operator**

“We have had CleanSpace masks on site for over 2 years. The guys love them and the masks are easy to carry and put on so the guys actually wear them and I don’t have to remind them.” – **Plant Manager**

“Our whole team has a CleanSpace PAPR. I know with this PAPR, they are well protected and have the freedom to move while they work.” – **Safety Manager**





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