

# CleanSpace EX Quick Start Guide

Please read the entire CleanSpace Quick Start Guide before using a CleanSpace Respirator. To view additional instructions and product information, including specific explosive environment (EX) information, go to [cleanspacetechnology.com/product-resources/](https://cleanspacetechnology.com/product-resources/). Before use, refer to the relevant national standards in each local region.

## 1. Warnings & Limitations

*CleanSpace is a powered air purifying respirator (PAPR) and should be used with the battery charged and in Power-On mode. CleanSpace Respirators are intended to protect against substances and mixtures which are hazardous to health.*

*CleanSpace EX Respirators are intrinsically safe and will be clearly marked as such. Do not use in IDLH environments, or in oxygen-enriched or deficient atmospheres. If working in intrinsically safe environments, this equipment should not be used where dust-laden air is flowing at high speed over the mask, as this may cause static build-up.*

*Do not submerge the respirator in water. Do not use compressed air or a brush to clean the filter.*

Operating Conditions: 0% - 90% RH, -10°C to 45°C. Storage Conditions: 0% - 75% RH, 10°C to 30°C.

Manufacturers Minimum Design Condition/Duration: CleanSpace Respirators will maintain positive pressure in the mask up to 120 l/min. Minimum 4-hour duration. The user must do a Flow Test to check the design condition before each use.

*During pre-use visual inspection, if parts are missing or damaged replace them with approved parts before proceeding.*

*European users should be aware that all markings on the filter refer to the standard EN 12942 (1998) + A2 (2008).*

## 2. System Description

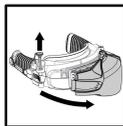
### 2.1. ALARMS

- A. **Filter Blocked Alarm** – Two (2) beeps, Filter Alarm Light will flash. Leave the contaminated area immediately.
- B. **Low Battery Alarm** – Three (3) beeps. Less than 15 minutes runtime. Leave the contaminated area immediately.

### 2.2. BATTERY, FILTERS & PRE-USE PROCESS



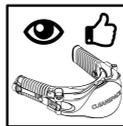
Charge Battery



Replace Filter



Visually Inspect all Parts Before Use



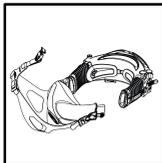
Recalibrate Unit



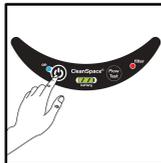
Flow Test – Battery & Filter Lights Flash = FAIL

## 3. Donning the CleanSpace PAPR

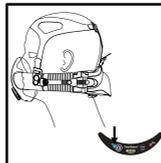
Half Mask



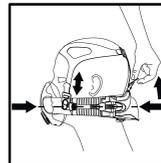
Assemble



Turn On



Don



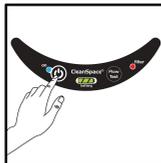
Adjust



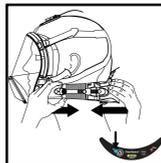
Full Face Mask



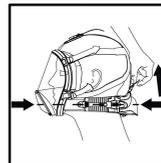
Assemble



Turn On



Don



Adjust



## 4. Care and Cleaning

Cleaning or disinfectant wipes can be used to wipe down the components. Use a clean cloth to remove any cleaning residue before use. The mask, harness and neck support can be washed with a mild detergent in warm water (less than 50°C). Power units should not be submerged in water. CleanSpace Filters cannot be cleaned. Unopened filters have a limited storage life of five (5) years.