



FRSA

Fire Rescue Safety Australia

CleanSpace®

RESPIRATORS

Free the way you breathe™

PRODUCT DATA SHEET

CleanSpace ULTRA Power Unit CST1012

DESCRIPTION

The CleanSpace ULTRA Power Unit is a powered air purifying respirator (PAPR) when worn together with the following compatible items:

- A CleanSpace CST Full Face Mask (CST1017, CST1018), OR
- A CleanSpace CST Half Mask and Head Harness (CST1034, CST1035, CST1036), and
- A range of CleanSpace CST particulate and gas/vapour filters.

Suitable for environments which require respiratory protection against airborne biohazards, particulates, dust, gas and vapours.

This device is Bluetooth™ enabled and able to connect to the CleanSpace Smart App.

APPROVALS

Standard & Classification*

EN 12942:1998+A2: 2008 TM3

AS/NZS 1716: 2012 PAPR P3 (P2 with Half Mask)

*Specific classification is dependent on filter used

FEATURES

- Lightweight, compact and comfortable
- One power button for simple operation
- AirSensit™ Technology:
 - mask pressure control and breath responsive airflow
 - filter life management
 - battery life management
- Intelligent Management Filter Technology (IMFT): filter life optimization and real-time insights
- Mask-release and adjust buttons suitable for gloved hands
- Long run time and short battery recharge time
- Long term storage technology maintains battery charge for 1 year
- IP 65 Rating: Resistant to dust and liquid ingress
- Suitable for decontamination showers and high water use environments
- Compatible with CleanSpace Smart App (available at Google Play and Apple App stores)

Refer to CleanSpace website for details on the CleanSpace Smart App

ALARMS

- Low Battery
- Filter Blocked
- Filter Absent
- Filter Expired
- Filter Maximum Use
Time - minutes (by subscription only)



SPECIFICATIONS

- Product Weight: 415 g
- Dimensions: 210 mm x 180 mm x 70 mm
- Peak Airflow: 230 l/min
- Battery: Lithium-ion polymer
- Operating Time: up to 14 hrs
- Battery recharge time: < 2hrs
- AC Adaptor Charger: Input 100 – 240V, 50 to 60Hz, output 14.7Vdc ±5%, 24W

USE, CHARGING & STORAGE CONDITIONS

- Use temperature range: -10°C to +45°C (14°F to +113°F) at < 90% relative humidity
- Charging temperature range: 0°C to 35°C (32°F to 95°F)
- Storage conditions: +10°C to +30°C (+50°F to +86°F) at < 75% relative humidity
- Battery charge maintained for up to one year when in storage

APPLICATIONS

Suitable for environments which require respiratory protection against airborne biohazards, particulates, dust, gas, and vapours.

Examples: Welding, Woodworking, Manufacturing, Smelting, Construction, Transportation, Recycling Plants, Emergency Services, Mining, Agriculture, Processing Plants, Grinding, Laboratories. CleanSpace ULTRA respirators are IP 65 rated and are suitable for asbestos removal and chemical applications where decontamination showers are used.

CleanSpace ULTRA respirators are NOT suitable for intrinsically safe certified operations.

Refer to Filter Selection Table for expanded information on applications.

LIMITATIONS

CleanSpace respirators are air filtering, fan assisted, positive pressure systems and designed to be worn in environments where there is sufficient oxygen to breathe safely. Do not use CleanSpace respirators in immediately dangerous to life or health (IDLH) atmospheres, to protect against gases/vapours that cannot be filtered or in oxygen enriched or deficient atmospheres. CleanSpace ULTRA Power Unit is not certified as intrinsically safe.

WARRANTY

Visit <https://cleanspacetechnology.com/warranty/> to read important Warranty information and complete the Warranty Registration Online Form for CleanSpace Products. Consumable parts are warranted up to the point of use, provided they have been stored correctly and are within their expiry date. CleanSpace recommends filters are replaced regularly.

