



## CleanSpace™ CST ULTRA Power Unit

<b>PRODUCT CODE</b>	CST1012
<b>PRODUCT NAME</b>	CleanSpace™ CST ULTRA Power Unit
<b>DESCRIPTION</b>	<p>The CleanSpace CST ULTRA Power Unit is a powered air purifying respirator (PAPR) when worn together with the following compatible items:</p> <ul style="list-style-type: none"> <li>• A CleanSpace CST Half Mask and Head Harness (CST1034, CST1035, CST1036), or</li> <li>• A CleanSpace CST Full Face Mask (CST1017, CST1018), and</li> <li>• A range of CleanSpace CST High Efficiency (HE) Particulate filters.</li> </ul> <p>Suitable for use in environments which require respiratory protection against airborne biohazards, particulates, dust.</p> <p>This device is Bluetooth™ enabled and able to connect to the CleanSpace Smart App.</p>
<b>APPROVALS</b>	<p>Standard &amp; Classification</p> <p>NIOSH PAPR IP65 Rating</p>
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>• Lightweight, compact and comfortable</li> <li>• One power button for simple operation</li> <li>• AirSensit™ Technology: <ul style="list-style-type: none"> <li>- Maintains positive pressure inside the mask by synchronising with the users breathing</li> <li>- Filter life management</li> <li>- Battery life management</li> </ul> </li> <li>• Intelligent Management Filter Technology (IMFT): filter life optimization and real-time insights</li> <li>• Mask-release and adjust buttons suitable for gloved hands</li> <li>• Long run time and short battery recharge time</li> <li>• Long term storage technology maintains battery charge for 1 year</li> <li>• IP65 Rating: Resistant to dust and liquid ingress</li> <li>• Suitable for decontamination showers and high water use environments</li> <li>• Compatible with CleanSpace SMART App (available at Google Play and Apple App stores)</li> </ul>
<b>ALARMS / ALERTS</b>	<p>Low Battery Alarm</p> <p>Filter Change Alert (Blocked or Expiry Date Reached)</p> <p>Filter Absent Alarm</p>

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[WWW.CLEANSPEACEUSA.COM](http://WWW.CLEANSPEACEUSA.COM)





Filter Maximum Use Time (as set by user in CleanSpace SMART App)

#### SPECIFICATIONS

- Weight: 0.9 lbs
- Dimensions: 8.3 in x 7.1 in x 2.8 in
- Peak Airflow: 230 l/min
- Assigned Protection Factor (APF): 50 (CleanSpace CST ULTRA with Half Mask)
- Assigned Protection Factor (APF): 1000 (CleanSpace CST ULTRA with Full Face Mask)
- Battery: Lithium-ion polymer
- Operating Time: up to 14 hrs\*
- Battery recharge time: < 2 hrs
- AC Adaptor Charger: Input 100 – 240V, 50/60Hz, output 14.7Vdc ±5%, 24W

\* Battery operating time is affected by mask fit, filter type, work rate and environmental conditions. Actually operating times may vary.

#### 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 vapors.

Examples: Welding, Woodworking, Manufacturing, Smelting, Construction, Transportation, Recycling Plants, Emergency Services, Mining, Agriculture, Processing Plants, Grinding.

CleanSpace ULTRA respirators are IP65 rated and are suitable for asbestos removal and chemical applications where decontamination showers are used.

#### 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/vapors that cannot be filtered or in oxygen enriched or deficient atmospheres.

CleanSpace ULTRA Power Unit is not certified as intrinsically safe.

#### EDUCATION

Contact [sales@cleanspacetechnology.com](mailto:sales@cleanspacetechnology.com) or visit the [CleanSpace website](#) for details.

#### WARRANTY

Visit [www.cleanspacetechnology.com/warranty/](http://www.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.

