



CleanSpace™ EX Power Unit



PRODUCT CODE	PAF-0061	
PRODUCT NAME	CleanSpace EX Power Unit	
DESCRIPTION	<p>The CleanSpace EX Power Unit is a powered air purifying respirator (PAPR) when worn together with the following compatible items:</p> <ul style="list-style-type: none"> • A CleanSpace EX Full Face Mask (PAF-1106, PAF-1014), OR • A CleanSpace EX Half Mask (PAF-0064, PAF-0062, PAF-0063) & EX Head Harness (PAF-0073) and • A range of CleanSpace particulate filters. <p>It is intrinsically safe and suitable for use in certain ignitable or potentially explosive atmospheres where there is a risk of explosion.</p> <p>Suitable for environments which require respiratory protection against airborne biohazards, particulates and dust.</p>	
APPROVALS	STANDARD	CLASSIFICATION
NIOSH	42 CFR Part 84	PAPR
CSA Standard	CAN/CSA 60079-0:2019 CAN/CSA 60079-11:2014	Class I, Division 2, Groups C and D, T4 Class I, Zone 1, AEx ib IIB T4 Gb
ANSI/UI Standard	UL 60079-0:2019 UL 60079-11:2014	Class I, Division 2, Groups C and D, T4 Class I, Zone 1, AEx ib IIB T4 Gb
EMC Standard	CISPR 11: 2010	Group 1 Class B
	EN 61000-6-2	Industrial Limit
ISO Quality Standard	ISO9001	

For ETL certification definitions, refer to 'CleanSpace EX Intrinsically Safe Approvals Explained' document. Available from <https://www.cleanspaceusa.com/>

FEATURES	<ul style="list-style-type: none"> • AirSensit[®] Technology for mask pressure control and breath responsive airflow • Intrinsically safe certified • Lightweight, compact and comfortable • IP66 Rating: Resistant to dust and liquid ingress • High visibility yellow casing for easy recognition
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	<ul style="list-style-type: none"> • Suitable for decontamination showers and high water use environments • Altitude compensated filter blocked detection • Easy and accurate airflow capability check
ALARMS	<ul style="list-style-type: none"> • Low Battery • Filter Blocked
SPECIFICATIONS	<ul style="list-style-type: none"> • Product Weight: 1.1Lbs • Peak Airflow: 220 l/min • Battery: Lithium-ion polymer • Operating time: up to 8 hours* • Battery recharging: less than 2 hours • AC Adaptor Charger: Input 100 – 240V, 50 to 60Hz, output 14.7Vdc ±5%, 24W <p>* Operating time is strongly affected by filter type, filter loading, mask seal, work rate, altitude, and other factors. The operating time quoted is an average duration at moderate work rates at sea level. Actual operating times may vary widely from the quoted average duration.</p>
USE, CHARGING & STORAGE CONDITIONS	<ul style="list-style-type: none"> • Use temperature range: -10°C to +45°C (14°F to +113°F) • Charging temperature range: 0°C to 35°C (32°F to 95°F) • Storage conditions: -10°C to +35°C (+14°F to +95°F) at 30% to 50% relative humidity • Out of direct sunlight and away from corrosive or harsh chemicals
APPLICATIONS	<p>Suitable for environments which require respiratory protection against airborne biohazards, particulates and dust.</p> <p>Examples: Mining, blasting, grinding, drilling, or crushing. Tunnelling, excavation, rock and mineral handling.</p> <p>Suitable for use in intrinsically safe certified operations, including:</p> <ul style="list-style-type: none"> • In an Underground Coal Mine - a MSHA Petition for Modification must be granted. • In above ground explosive atmospheres when flammable gasses and vapors represented by Ethylene and Propane can exist under abnormal operating conditions. • In above ground applications located in Zones 1 & 2 with gases up to Ethylene that require a high level of equipment protection and high level of ignition protection. Not suitable for use in Zone 0. <p>CleanSpace EX respirators are IP 66 rated and are suitable for use where decontamination showers are required.</p>
LIMITATIONS	<p>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.</p>
EDUCATION	<p>Contact sales@cleanspacetechnology.com or visit the CleanSpace website for details.</p>
WARRANTY	<p>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.</p> <p>CleanSpace recommends filters are replaced regularly.</p>

