

**CLEANSPACE™ ULTRA POWER UNIT [PAF-0070]****DATA SHEET****PRODUCT CODE:** 70L1002**PRODUCT NAME:** CleanSpace™ Ultra Power Unit**Description**

The CleanSpace Ultra Power Unit is a battery-powered, positive pressure air-purifying respirator with an IP Rating 66. The CleanSpace Ultra is suitable for decontamination procedures and applications where there is a lot of dust and water. Can be used for particulate and gas applications.

The CleanSpace Ultra respirator can be used with CleanSpace Half Masks (PAF-0033, PAF-1010, PAF-0027) and CleanSpace Full Face Masks (PAF-1014). The Power Unit is compatible with the full range of standard CleanSpace Particulate (P3) and Combined Gas Filters and pre-filters.

**Approvals****Standard**

AS/NZS1716: 2012  
IP Rating 66

**Classification**

PAPR-P3 (provides P2 with half mask)

**Features**

- IP Rating 66 – resistant to dust and liquid ingress
- Suitable for decontamination showers
- Light weight and comfortable
- AirSensit™ System for mask pressure control and breath responsive airflow
- One-button system and standby and auto-start/stop mode for quick don/doffing
- Easy to use support harness
- Altitude compensated filter blocked detection
- Long operating time: up to 8 hours and quick battery recharging: < 2hours
- Easy and accurate flow capability check

**Visual/Audible alarms:**

- Particulate filter end of life
- Battery charge level
- Low battery warning
- Manufacturers minimum design flow: 120L/min

**Specifications**

- Peak airflow: Up to 220 l/min
- Weight: 520g
- Lithium-ion polymer battery
- Operating time: up to 8 hours
- Battery recharging: less than 2 hours
- Operation: -10°C to +45°C (14°F to +131°F) at <90% relative humidity
- Charging temperature range: 0°C to 35°C
- Storage: -10°C to +35°C (-4°F to +131°F) at <90% relative humidity
- AC Adaptor charger: Input 100 – 240V, 50 to 60Hz, output 13.5Vdc ±5%, 24W

**Suitable Applications for IP Rating 66**

Particles: 6 Protected against all dust — 'dust-tight';  
Liquids: 6 Protected against Water projected in powerful jets (12.5 mm nozzle) against the enclosure from any direction shall have no harmful effects. Test duration: at least 3 minutes, Water volume: 100 litres per minute, Pressure: 100 kPa at distance of 3 m).

CleanSpace Ultra respirators are suitable for asbestos removal and chemical applications where decontamination showers are used.

**Suitable Applications (other)**

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

**Limitations**

CleanSpace is an air filtering, fan assisted positive pressure mask and is designed to be worn in environments where there is sufficient oxygen to breathe safely. Do not use the CleanSpace in IDLH atmospheres, to protect against gases/vapours that cannot be filtered, or in Oxygen enriched or deficient atmospheres.