

CleanSpace2™

EVERY BREATH COUNTS



WWW.PAFTEC.COM

ABOUT THE COMPANY



PAFtec Australia Pty Ltd is a company specialising in respirator design and manufacture.

Founded by engineers, PAFtec understands that respiratory protection should be comfortable, safe and easy to use. Innovation and providing the highest quality products is at the heart of everything we do. CleanSpace2™ builds on a combination of technologies found in today's industrial respirators, medical respiratory devices and consumer electronics. The team has previously designed medical products from concept to manufacturing that are currently being used by millions of people around the world. Their expertise is the reason our products are safe, robust and high performing, even in the harshest environments.

Our dedication to reliability and quality is reflected in the Company's Quality Management System, which is accredited to the globally recognised ISO 9001 standard. As part of PAFtec's ISO9001 accredited Australian operations, there is a preferred supplier program and stringent quality control processes for all components. Every CleanSpace2™ respirator is individually tested for quality and performance in our ISO9001 factory in Australia. The CleanSpace2™ respirator and accessories are designed and assembled in Australia from quality components made in China, Taiwan, US and Australia.

CLEANSPACE2™ POWERED RESPIRATOR



A major innovation in personal respiratory protection - a compact and light weight power unit is cushioned around the back of the neck, counter-balancing the soft silicone low profile mask and providing fresh, clean air, on demand, as you breathe. This unique method of personal respiratory protection delivers significant benefits to workers in industry.

INNOVATION

- Ergonomic design: compact with no trailing leads, cables or hoses.
- Patented micro-turbine toroidal motor generates airflow up to 200L/min with only one moving part.
- Provides positive pressure inside the mask, with an inbuilt pressure sensor that adjusts the air-flow to prevent contamination.
- Breath activated On/Off operation.

COMFORT

- The soft silicone mask seals gently and easily to your face - available in three sizes, to maximise fit.
- The AirSensit™ System intelligently delivers air on demand, and in unison with your breathing.
- Compact and light, the respirator sits at the back of your neck and close to your body.

COST OF OWNERSHIP

- Designed to operate maintenance free for up to 3 years.
- CleanSpace2™ maximises filter life by only filtering the air that you breathe.
- Simple operating modes minimise the time required for training, handling and cleaning.

COMPATIBILITY

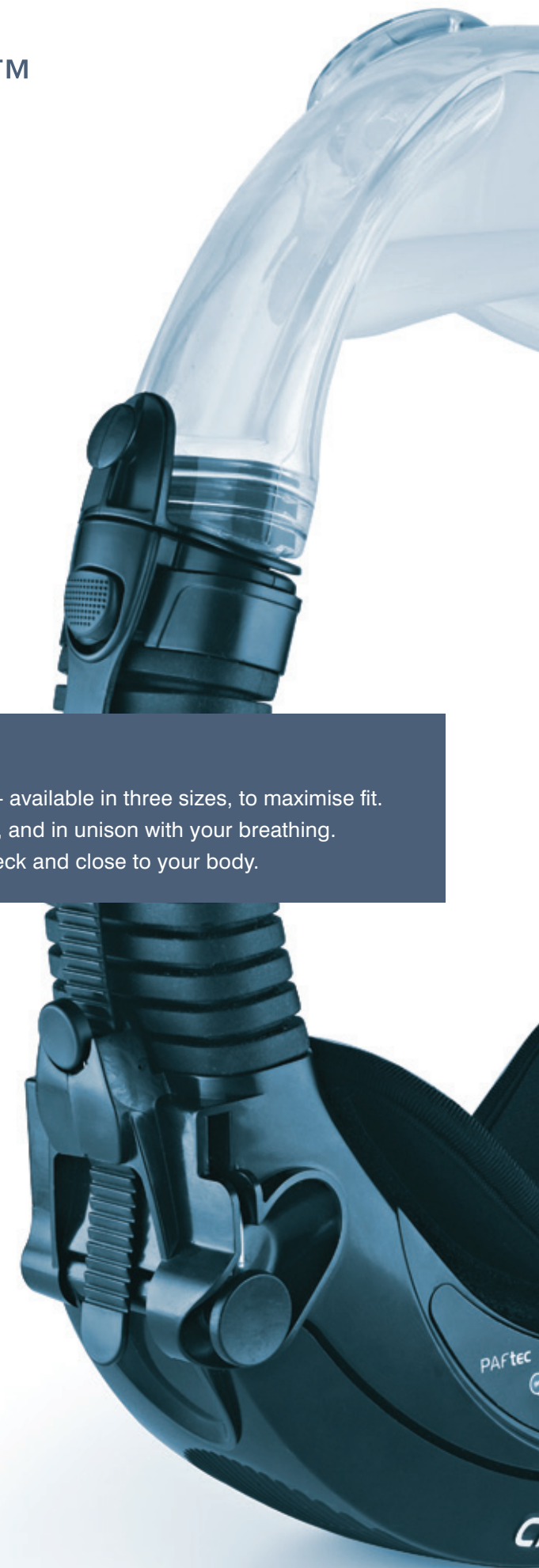
- Welding & Safety Helmets
- Goggles, Spectacles and Face Shields
- Hearing Protection

EASE OF USE

- Simple to fit and use.
- Changing filters is quick and intuitive.
- Easy to clean; fast 2 hour charge.
- On a single charge up to 11 hours* operating time (*with CleanSpace2™ Endurance Pack).

RELIABLE PROTECTION

- Light silicone mask, ensures a good face seal for long periods.
- Robust, reliable micro-turbine motor (up to 10 years operating life).
- High efficiency pleated particulate filter will remove solid and liquid particles.



CLEANSPACE2™ FEATURES



PIEZO RESISTIVE PRESSURE SENSOR

Ensures a positive pressure inside the mask and a high level of respiratory protection

BATTERY

Internal battery life is typically >6 hours and up to 11 hours when used with the optional Endurance Pack. No memory effect. 2 hour charge time (95%)

RATCHET ADJUSTMENT

Easy to adjust to give you a close and comfortable fit

ERGONOMIC NECK MOUNTED DESIGN

No trailing hoses or leads. CleanSpace2™ improves mobility and doesn't interfere with your work. Comfortable over long periods

SILICONE MASK

Low profile design ensures maximum visibility and awareness for the wearer. Clear, hygienic and washable silicone. Available in different sizes

HIGH QUALITY EXHALATION VALVE WITH SILICONE LEAF

Easy to breathe and talk. Directs air away from the face

POWERFUL MICRO-TURBINE MOTOR

State-of-the-art technology; extremely robust; designed to operate maintenance free for >3 years continuous use

FILTER COVER

Patented pin and lock system to secure filter in place and allow quick and easy filter replacement

MASK ATTACHMENT CLIPS

Simple fitting and disassembly

FILTERS

Easy to fit and change. Located away from the source of the hazard, extending the life of the filter; CleanSpace2™ has optional pre-filters, designed to prolong filter life

NECK PADS

Excellent comfort and support for long periods. Removable, washable and available in different sizes

EASY AND INTUITIVE OPERATION

BREATH RESPONSIVE

3 user settings to maximise user comfort. Air is not continuously blowing on your face

AUTOMATIC START/STOP

One button operation; CleanSpace2™ only operates when you need it

FILTER AND LOW BATTERY ALARMS

Audible and visual alarms advise the user when the filter is blocked or there is a low battery



PRODUCT RANGE



CLEANSPACE2™ POWERED RESPIRATOR UNIT [PAF-0034]

Power unit, Filter, Charger, Harness, Neck pads (thin and thick), Flow test cap, Storage bag

SILICONE MASKS IN 3 SIZES

- **HALF MASK / MEDIUM** [PAF-0026]
- **QUARTER MASK / LARGE** [PAF-0020]
- **QUARTER MASK / MEDIUM** [PAF-0019]

FILTERS

PARTICULATE FILTER EN12942 TM2/P3 [PAF-0035]

- ✓ High efficiency
- ✓ Pleated
- ✓ Suitable for use against solid and liquid particulates, including dusts, mists, fumes, fibres, bacteria and virus.

PRE-FILTERS [PAF-0036]

- ✓ High quality
- ✓ Flame retardant pre-filter
- ✓ Extends the life of the CleanSpace2™ particulate filter

ENDURANCE PACK [PAF-0031]

- ✓ Additional 5 hours operating time, 150g with no leads or wires, Light, comfortable and easy to use

BIG CHILL NECK PAD [PAF-0023]

- ✓ Up to 8 hours cooling effect, Easy re-activated in water, Re-useable up to 30 times, Machine washable cover



[PAF-0026]



[PAF-0023]



[PAF-0031]

OTHER ACCESSORIES **CLEANING WIPES** [PAF-0032] / **MASK FIT TEST KIT** [PAF-0039] / **MASK ADAPTOR FOR PORTACOUNT** [PAF-0025]

CLEANSPACE2™ SPECIFICATIONS

Comfort Air Flow Settings **3 LEVELS**

Maximum Air Flow **200L/MIN**

Weight (Power Unit) **485G** / Weight (Mask) **115G**

Audible Alarm At Ear **75DB(A)**

Motor Life **10 YEARS** / Battery Life **3 YEARS OR 500 CYCLES**

Automatic Switch-Off **3 MINUTES AFTER IDLE**

Internal Battery Duration **MIN 4.5 HOURS (TYPICALLY >6 HOURS)**

Internal Battery Charging Time **2 HOURS (TO 95%)**

Ac Adaptor Charger Input Range **100 – 240V**

Output Range **13.5V**

APPLICATIONS

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

OPERATING AND STORAGE CONDITIONS

CleanSpace2™ respirator will operate between temperatures between 0°C to 45°C. CleanSpace2™ and accessories should be stored out of direct sunlight, in a clean, dry environment and away from chemicals and abrasive substances, 0°C to 35°C.

MATERIALS

Mask – Silicone

Exhalation valve leaf – Silicone

Exhalation valve seat and cap – polycarbonate

Outer casing– polycarbonate / ABS

Mask and power unit clips – polycarbonate / ABS

Filter cover – polycarbonate / ABS

Side bellows – Silicone

Neck Pad – Neoprene case and foam filling

Harness – Nylon and Polyester

Battery – Lithium Ion Polymer

CleanSpace2™ 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 CleanSpace2™ in IDLH atmospheres, to protect against gases/vapours that cannot be filtered, or in oxygen enriched or deficient atmospheres. CleanSpace2™ is not suitable for asbestos removal applications.



CleanSpace2™
EVERY BREATH COUNTS

T: +612 8436 4000
F: +612 8436 4020

UNIT 3, 19 HOTHAM PARADE
ARTARMON NSW 2064 AUSTRALIA

EU.SALES@PAFTEC.COM
SALES@PAFTEC.COM