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ExFlow™ E4-T PAPR

Filter efficiency
>99.997%

Real-time display and intrinsically-safe.

Specifically designed for flammable and explosive work environments. Provides professional respiratory protection against harmful gases and dust when used together with gas, vapour and particle filter components.



Intelligent Control



Real-time Display Monitoring



Auto-alarm System



Intrinsically Safe



Replaceable Filter Units



IS Approval
Ex ib IIC T4 Gb,
Ex ib IIIB T135°C Db,
Ex ib I Mb

Filter detection and alarms

The real-time monitoring of whether the respirator and filter is correctly installed. If it's not, a triple alarm system activates and turns off the respirator when a missing filter is detected.

Explosion-proof for enhanced safety

The shell is made from anti-static material, and its enclosed battery design guarantees the prevention of sparks, static electricity, and the creation of any flammable or explosive substances during operation.

Easy maintenance and cleaning

The respirator is rated at IP54 protection level, allowing for convenient and quick cleaning by wiping or rinsing.

So Quick. So Easy

View the whole range online at euromarc.co.nz

PAPR Filter Schematic

Constant air supply design delivers constant airflow even if battery is low or filter is clogged. Lightweight, portable, and easy-to-use, providing excellent respiratory protection.

A Durable front cover

Protects blower unit from being damaged by high temperature and high-speed impact objects.

B Spark screen

Blocks metal splashes from igniting other filter components.

C Pre-filter

Blocks large particles and prolong service life of particle filter.

D P3 filter (Particle filter)

High-efficiency particle filter, filtration efficiency up to 99.997%.

E Combined filter

Optional A1P3/A2P3/ABEK1P3 for protection against solid and liquid particles and organic, inorganic and acid gas vapors.

F High capacity battery

The battery is built with a mechanical connection and it's difficult to move or fall.

Battery duration is 11 hours (170L/min airflow rate), 9 hours (190L/min airflow rate), 7 hours (210L/min airflow rate).

G Intrinsically safe motor

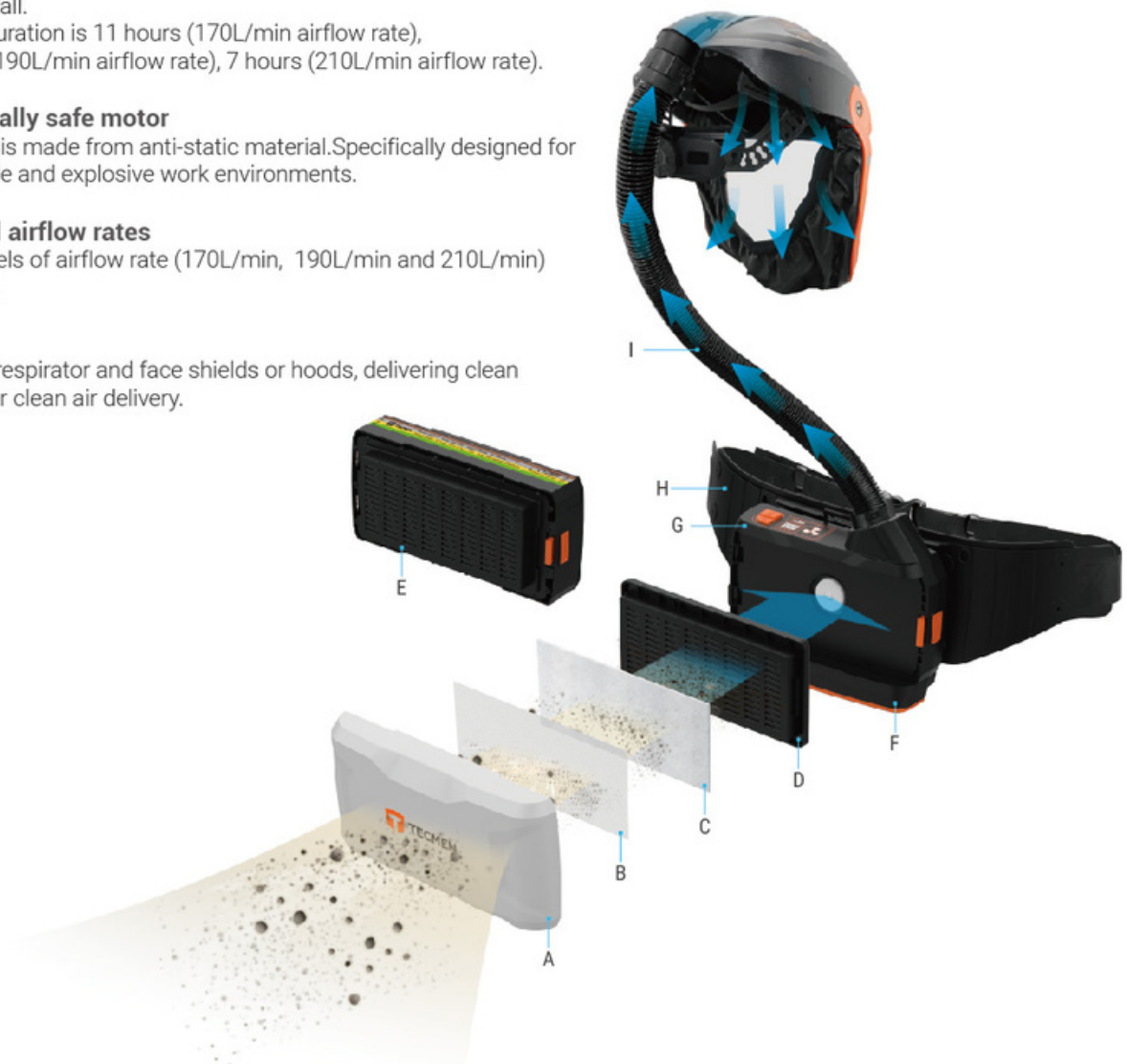
The shell is made from anti-static material. Specifically designed for flammable and explosive work environments.

H Optional airflow rates

Three levels of airflow rate (170L/min, 190L/min and 210L/min) available.

I Hose

Connect respirator and face shields or hoods, delivering clean helmet for clean air delivery.





Smart display
Battery status bars are shown on the LED screen for continuous real-time monitoring of the battery's condition.

Adjustable airflow
3 selectable airflow levels: 170L, 190L and 210L per minute.

Auto-alarm
The interface intuitively displays the airflow, battery status, and particle filter loading. An auto-alarm system will activate whenever there's a low battery, or if the filter or breathing tube is not correctly installed.

Intrinsically safe
The battery is built with a mechanical connection to effectively prevent the risk of explosions caused by the battery shifting or falling.

Stable performance
The PAPR's performance remains unaffected by changes in ambient air quality and filter loading.

Comfortable and portable
The ergonomic design ensures a flexible and snug fit, allowing for unrestricted movement even in tight spaces.

Filtering Component

Selectively choose different filter as needed, adaptable system that helps cost-saving.



Particle filter
(P3 Filter)



Combined filter
(A1P3) (A2P3) (ABEK1P3)

Battery

Light weight Li-ion battery, reduce the weight of PAPR system. Fast-charging design saves time and improves efficiency.



High capacity battery
6400mAh

Specifications

Airflow Rate	Manufacturer's minimum design flow rate:
	165+lp _m (5.8+cf _m)
	Low speed: 170+lp _m (6+cf _m)
	Standard speed: 190+lp _m (6.7+cf _m)
Fast-charging Battery	High speed: 210+lp _m (7.4+cf _m)
	Battery type: rechargeable Li-ion battery
	Battery duration: 170+lp _m - 11 hours, 190+lp _m - 9 hours, 210+lp _m - 7 hours
	Battery charge time: 2.5 hours
Filter	Battery life: ≥ 500 charges
	Filter efficiency: > 99.997%
	Alarms: Visible, audible and vibration
	Particle filter (P3 Filter)
	Combined filter (A1P3) (A2P3) (ABEK1P3)

Temperature	Operating temperature:
	-20°C to 55°C (-4°F to 131°F)
Relative Humidity (R.H.)	Storage temperature:
	-25°C to 55°C (-13°F to 131°F)
Weight	Operating R.H.: < 90%
	Storage R.H.: < 85%
Respirator Approval	1500g (Blower unit + fast-charging battery)
	EN 12941 P R SL, AS/NZS 1716
Intrinsic Safety	ATEX/IECEX IEC60079-11/0 (IS)
	GB3836-4 (IS)
	Ex ib IIC T4 Gb, Ex ib IIIB T135°C Db, Ex ib I Mb

How to pick the best HEADTOP for you?

Face Shield Series



G10 with ExFlow E4-T



Optional Earmuffs

The G10 bump cap is certified to EN812, ensures a stable and comfortable fit. It protects against general bumps and and splashing items.



G20-V with ExFlow E4-T



Optional Earmuffs

The G20-V hard hat is certified to EN397 and offers higher level of anti-bump protection against molten metal splashes, impact, and puncture hazards.

Hood Series



TM-H1 with ExFlow E4-T



The TM-H1 hood includes a relaceable headband and hood liner. It offers a full-face field of vision for clarity, features a lightweight design, and effective protection against particles and liquid splash.



TM-H2 with ExFlow E4-T



The TM-H2 hood comes with a hard visor with a replaceable headband and visor liner. It is made with ultrasonic welding at seams for increased durability. Additionally, it provides effective coverage for your shoulder and neck.



TM-H3 with ExFlow E4-T



The TM-H3 hood comes with a hard visor with a replaceable headband and visor liner, while offering effective coverage for your shoulder and neck. The hood has a chemical-resistant coating, which effectively shields against corrosive liquids like acids and bases.