

Real-Time Monitoring

Real-time monitoring displays the air-flow, battery power, particle filter loading for the user.

Intelligent Control

Respirator motor automatically adjusts the power and air-flow depending on the filter box loading.

Various Filter Options

User can choose P3/gas/odor filter according to different applications and work environments.

Triple-Alarm System

The warning light will flicker to indicate clogged filter or low battery, while the respirator will sound an alarm and vibrate.

High-Performance Motor

High-quality brushless motor, strong air volume, low power consumption, ultra-quiet running and up to 3 times longer motors life.

Airflow Indicator

Battery Indicator

ON / OFF Button

Filter Warning

CE 2834 EN 12941

Powered Air Purifying Respirator - Turbo Unit






Product Specification

Air Flow Rate (Low speed)	170+lpm
Air Flow Rate (High speed)	210+lpm
Battery type	Rechargeable Li-ion battery
Charge time	1 hour
Battery life	At least 500 charges
Fast Charging Std Battery duration	9 hours at 170+lpm; 5-6 hours at 210+lpm
Fast Charging Heavy Dusty Battery duration	15 hours at 170+lpm; 9 hours at 210+lpm
Weight	1020g (Turbo Unit + Fast Charging Standard Battery)
Filter efficiency	> 99.997%
Operating temp.	-5°C to 55°C
Storage temp.	-10°C to 55°C
Relative operating humidity (R.H.)	< 90%
Relative storage humidity (R.H.)	< 85%
Alarm	Audible, Visible, Vibration
Nominal Protection Factor (NPF)	500 for TH3 EN 12941

Applications

- Spray Painting
- Chemical Treatment
- Powder Handling & Mixing
- Clean Room
- Laboratory

Industries

-  Automotive
-  Chemical
-  Pharmaceutical
-  Heavy Engineering
-  Windmill Manufacturing

Parts & Accessories

CABM2000
PAPR Turbo Unit Body



CA2101
Fast Charging Standard
Lithium Battery



CAP302
Particle filter (TH3 P filter)



CAPF01
Pre-filter



CASC01
Spark screen



CAFC01
Filter cover



CA2111
Fast-charging battery charger



CABC01
Standard Waist Belt

Packaging Information

TBD / Polybag

TBD / Carton

Carton Dimension - TBD

Carton Weight - TBD

SKU Information

Product SKU	Size	Inner pack UPC	Carton GTIN
TBD	TBD	TBD	TBD

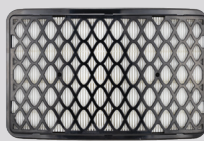
PAPR Configurations

Turbo Unit



CA2100
PAPR Turbo Unit Body

Filter



CAP302
Particle filter (TH3 P filter)



CAGF01
Gas Filter A2



CAGF02
Gas Filter A1B1E1K1



CAOF01
Odour Filter

Battery & Charger



CA2101
Fast Charging Standard
Lithium Battery



CA2102
Fast Charging Heavy Duty
Lithium Battery



CA2111
Battery Charger

Breathing Tube & Sleeve



CABT01
Standard
Breathing Tube



CABT02
Quick Release
Breathing Tube



CABTCG
FR Breathing Tube Cover



CABTCW
Breathing Tube Cover

Belt



CASS01
Shoulder Strap



CABC02
Standard Belt Cushion



CABC01
Standard Waist Belt



CABC03
High End Waist Belt
(Flame Retardant)



CABP01
Turbo Unit Back Pack

Hood / Face Shield & Welding Helmet



W400 Air
Auto Darkening
Welding Shield



W500 Air
Flip-up Auto Darkening
Welding Shield



HH500
Hard Hood



SH300
Soft Hood
with Shroud



SH400
Soft Hood
with Long Shroud