BISON LIFE ®
Designed For Safety. Value For Life.®

ConAer™
CA2100

Real-Time Monitoring

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

Triple-Alarm System

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

Intelligent Control

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

High-Performance Motor

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

Various Filter Options

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

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℃ to 55℃
Storage temp.	-10℃ to 55℃
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

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Parts & Accessories

CABM2000
PAPR Turbo Unit Body

CA2101
Fast Charging Standard
Lithium Battery

CAP302
Particle filter (P3 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

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PAPR Configurations

Turbo Unit

CA2100
PAPR Turbo Unit Body

Filter

CAP302
Particle filter (P3 filter)

CAGF01
Gas Filter A2 with
NFC Label

CAGF02
Gas Filter A1B1E1K1
with NFC Label

CAOF01
Odour Filter with
NFC Label

Battery & Charger

CA2101
Fast Charging Standard
Lithium Battery

CA2102
Fast Charging Heavy Duty
Lithium Battery

CA2111
Battery Charger

Breathing Tube & Sleev

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 Helmet

W500 Air
Flip-up Auto Darkening
Welding Helmet

HH500
Hard Hood

SH300
Soft Hood
with Shroud

SH400
Soft Hood
with Long Shroud