



Technical Data Sheet

RPB® PX5® PAPR

DESCRIPTION

The RPB® PX5® is a battery powered air purifying respirator fan unit which draws in contaminated air from the users immediate vicinity, passing it through internal filters, and supplying the filtered air to an approved RPB loose fitting respirator head top.

The unit has built in audible, visual and physical safety alarms which alert the user when filters need to be replaced, or there is an obstruction of airflow.

This type of respirator is not appropriate for every environment or contaminant. For more information please contact RPB Safety.

Type Description

Powered air purifying respirator.

Required Components

- Respirator head-top
- Breathing tube
- PX5® PAPR

Application Ranges

Including but not limited to welding, grinding, concrete cutting, general dust, wood working, painting* (with appropriate filter), pharmaceutical and medical.

*Excludes paints where Isocyanate's are present.

Compatible with

NIOSH Markets

Nova 3®, T200™, T-Link®, Z-Link®, Z3™, Z4®

CE & AS/NZS Markets

T200™, T-Link®, Z-Link®, Z4®

Package Numbers

Part

PX5® with Easy Clean belt

03-801

PX5® with FR belt

03-801-FR

(Additional configurations are available)

Weight

PX5® with HE filter and std. belt

2.55lbs / 1.15kg



APPROVALS & STANDARDS

ISO9001
CERTIFIED COMPANY

CE 2797



BSI Certified Product



EN12941:1998
+A2:2008 TH3/2/1 P R SL
RESPIRATORY PROTECTION
See instruction manual for protection levels.

AS/NZS 1716:2012
BMP# 714303
RESPIRATORY PROTECTION

SPECIFICATIONS

Air Flow

Speed 1: Greater than 6cfm (170slpm)

Speed 2: Greater than 7.4cfm (210slpm)

Speed 3: Greater than 8.4cfm (240slpm)

Operating Noise

Speed 1: 57dBA at 12" (305mm) from the unit

Speed 2: 59dBA at 12" (305mm) from the unit

Speed 3: 62dBA at 12" (305mm) from the unit

Alarm Volume

85dBA at 4" (104mm)

Battery Charging

03-855 Standard battery:

5 hours

300+ charge cycles with battery life greater than 80% of original

03-856 High capacity battery:

5 hours

500+ charge cycles with battery life greater than 80% of original

Power supply

Battery: Rechargeable lithium-ion battery.

Charging: 110-240v 50-60Hz AC. Power cords available include US, UK, EU, AU/NZ.

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SPECIFICATIONS (CONTINUED)

Battery Run Times

| HE (P): | OV/AG/HE (A2P): | Multi-Gas/HE (ABE1P/ABEK1P): |
|------------------|-----------------|------------------------------|
| Speed 1: 10+ hrs | Speed 1: 7+ hrs | Speed 1: 5+ hours |
| Speed 2: 7+ hrs | Speed 2: 6+ hrs | Speed 2: 4+ hours |
| Speed 3: 6+ hrs | Speed 3: 5+ hrs | Speed 3: 4+ hours |

*Run times can vary dependent on age and type of filter cartridge used.

Dimensions

9.1in (231mm) Height
6.9in (174mm) Width
2.6in (65mm) Depth*

*Just PAPR unit without belt.

Operating Temperature

-4°F to 122°F (-20°C to 50°C)

If unit is operated outside of this temperature range for 10 minutes battery alarm will activate.

Water and Dust Ingress Protection rating

Certified to IP65 rating in use and certified to IP67 rating with cleaning kit in place.

Materials

| | |
|--------------------------|------------------------|
| PC/ABS | Injection molded parts |
| TPU coated Polypropylene | Easy Clean Belt |
| Nylon | Standard Belt Buckle |
| PC/ABS/TPU | Belt Mount |
| Nomex | FR Belt |
| Acetyl | FR Belt Buckle |
| EPDM | Battery seal |
| Polycarbonate | Flow meter |
| Stainless Steel | Spark Arrestor |
| ABS | Filter housing |
| Closed cell foam | Filter seal |

The PX5 is latex free.

Product Storage Life (from new if kept in original sealed packaging)

| | |
|----------------|----------|
| Motor/fan unit | 5 years |
| Battery pack | 6 months |
| Filters | 5 years |

ACCESSORIES & CONSUMABLES

Consumables

| | Part # |
|--------------------------------------|--------|
| Pre-filter (10 Pack) for all filters | 03-890 |
| Spark Arrestor for all filters | 03-891 |

NIOSH

HE Filter - Particulate 03-892

Color Code - Magenta

99.97% efficiency down to 0.12 microns

OV/AG/HE Cartridge 03-893

Color Code - Yellow/Magenta

Approved for: organic vapors and gases, such as solvents, and acidic vapors and gases, including the following gases and vapors:

CD - Chlorine Dioxide

CL - Chlorine

HC - Hydrogen Chloride

HF - Hydrogen Fluoride

OV - Organic Vapors

SD - Sulfur Dioxide

HE - HEPA particulate protection of 99.97% efficiency down to 0.12 microns

Multi-Gas Cartridge 03-894

Color Code - Olive/Magenta

Approved for: organic vapors and gases, such as solvents, and acidic vapors and gases, including the following gases and vapors:

AM - Ammonia

CD - Chlorine Dioxide

CL - Chlorine

FM - Formaldehyde

HC - Hydrogen Chloride

HF - Hydrogen Fluoride

HS - Hydrogen Sulfide

MA - Methylamine

OV - Organic Vapors

SD - Sulfur Dioxide

HE - HEPA particulate protection of 99.97% efficiency down to 0.12 microns

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ACCESSORIES & CONSUMABLES (CONTINUED)

CE/AS/NZS

HE (P) Filter - Particulate **03-892-P**

Colour Code - White

HEPA particulate protection of 99.97% efficiency down to 0.12 microns

OV/HE (A2P) Combination Filter **03-893-A2**

Colour Code - Brown/White

Approved for: Protection from gases & vapours of organic compounds with a boiling point over 65 deg C to A2 level, as well as HEPA particulate protection of 99.97% efficiency down to 0.12 microns

| Accessories | Part # |
|---|------------------|
| Additional Battery | 03-855 |
| Battery Charger | 03-851 |
| Belt | 07-765 |
| FR Belt | 07-765-FR |
| Easy Clean Belt | 07-765-DC |
| FR Backpack | 03-822-FR |
| Easy Clean Backpack | 03-822-DC |
| Flow Meter | 03-819 |
| Breathing Tube (For all respirators except Z3) | 04-831 |
| Breathing Tube for Z3 | 04-832 |
| Breathing Tube for Backpack (For all respirators except Z3) | 04-841 |
| Breathing Tube for Backpack for Z3 | 04-842 |

MAINTENANCE

Cleaning after use:

Clean and disinfect with a damp cloth and mild detergent or disinfecting wipes on the external surfaces and the face of the fan motor housing. Dry with a cloth or paper towel.

Do not submerge or place under running water without cleaning kit in place.

Filters/Cartridges:

Do not wash or clean filters or cartridges in any way. If they are dirty or contaminated, dispose of them according to your company disposal policy and replace with a new one.

Storage:

Store in a cool, dry place outside of the work area, with the battery not attached, away from direct heat sources, between 14° F and 114° F (-10° C and +45° C), at a relative humidity of less than 90%. Store the battery between -4°F to 104°F (-20°C to 40°C) for maximum battery life. See the battery instruction sheet for more specific battery storage recommendations.

Warranty

1 year. Conditions apply, visit rpbsafety.com/legal for full details.



Employers

Read the PX5® PAPR and the respirator head-top instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

Product users

Read the PX5® PAPR and the respirator head-top instruction manuals and follow the product user safety instructions.

Manuals are regularly updated.

Current version of manual and for other languages:

rpbsafety.com/resources

Contact

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