



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 Standard belt	03-801
PX5® with FR belt	03-801-FR
PX5® with DC belt	03-801-DC

(Additional configurations are available)

Weight

PX5® with std. belt	2.55lbs / 1.15kg
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APPROVALS & STANDARDS

ISO9001
CERTIFIED COMPANY

CE 2797

NIOSH
National Institute for
Occupational Safety and Health

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



BSI Certified Product

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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Battery Run Times

HE (P):	OV/AG/HE (A2P):
Speed 1: 10+ hrs	Speed 1: 5+ hrs
Speed 2: 7+ hrs	Speed 2: 4+ hrs
Speed 3: 6+ hrs	Speed 3: 4+ hrs

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

Filters

USA, Canada, Mexico

03-892 Particulate Filter

Color Code - Magenta

HE - 99.97% efficiency down to 0.12 microns.

Europe, UK, Australasia

03-892-P Particulate Filter

Colour Code - White

P - 99.97% efficiency down to 0.12 microns.

03-893-A2 Organic Vapor + Particulate Filter

Colour Code - Brown/White

A2P - Protection from gases & vapors of organic compounds with a boiling point over 65 deg C to A2 level as well as particulate protection of 99.97% efficiency down to 0.12 microns.

Materials

PC/ABS	Injection molded parts
Polypropylene	Standard 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	1 year
Filters	5 years

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.

ACCESSORIES & CONSUMABLES

Consumables	Part #
Pre-filter (10 Pack) for all filters	03-890
Spark Arrestor for all filters	03-891
HE (P) Filter (NIOSH)	03-892
HE (P) Filter (CE/AS/NZS)	03-892-P
OV/HE (A2P) Combination Filter (CE/AS/NZS)	03-893-A2

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



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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.

Filters:

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

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.

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.

Call (877) 561-0500

Buy Online at www.DuralineSystems.com



A Certified RPB Biotechnician Company

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