



Technical Datasheet

RPB® Nova 3® Respirator

DESCRIPTION

The Nova 3 is a supplied air, loose fitting, heavy industry respirator designed for all forms of abrasive blasting and other industrial applications where there is a need for respiratory, eye, face, head and hearing protection.

This respirator does not require face fit testing.

The Nova 3 offers a number of optional accessory items, including:

	Part #
Nova 3 Talk™ in-helmet communication system (requires radio connection cable)	09-903
L4™ Light helmet mounted light	09-502

Type description

Loose fitting continuous flow supplied air or powered air respirator.

NIOSH approved packages

	Part #
Nova 3 with standard nylon cape, breathing tube, C40™ Climate Control Device	NV3-705-50

CE & AS/NZS approved packages

	Part #
Nova 3 with standard nylon cape, breathing tube, constant flow device	NV3-711-50
Nova 3 with standard nylon cape, breathing tube, C40™ Climate Control Device	NV3-715-50

Additional configurations are available.

Required components

- Nova 3 respirator head-top
- Cape or blast jacket
- Breathing tube
- Flow control device and breathing airline or RPB PAPR

Application ranges (including but not limited to the following)

Abrasive blasting, metal cutting/grinding, fettling, thermospray/metallization.



RPB Nova 3 respirator head top.

APPROVALS & STANDARDS

ISO9001
CERTIFIED COMPANY

National Institute for Occupational Safety and Health
NIOSH
Type CE SAR

CE 2797
UK CA 0086
EN14594:2005 4B
EN12941:1998
+A2:2008 TH3 P R SL
RESPIRATORY PROTECTION

EN397:2003+A1:2009
HARD HAT PROTECTION
IMPACT CLAUSES
EN166:2001 CLASS 1B
EYE & FACE PROTECTION

ANSI
Z89.1
HARD HAT PROTECTION
Type 1 Class C
Z87+
EYE & FACE PROTECTION

BSI Certified Product
AS/NZS 1716:2012
BMP# 714303
RESPIRATORY PROTECTION
AS/NZS 1801:1997
BMP# 714306
HARD HAT PROTECTION
AS/NZS 1337.1:2010
BMP# 714304
EYE & FACE PROTECTION

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RPB® Nova 3® Respirator (continued)

SPECIFICATIONS

Assigned Protection Factor

NIOSH	APF 1000+
CE & AS/NZS	APF 40 (TH3) NPF 500

Materials

Nylon	Injection molded parts, cape
Polyurethane foam	Silencer foam, comfort padding
Polystyrene	Impact absorber
Polycarbonate	Inner lens
Santoprene	Cape cover band
A-PET	Outer lens
PETG	Tear-off lenses

Noise rating

Helmet with ear pads	NRR 7
Helmet with ear pads and bell shaped foam ear plugs with an NRR of 31	NRR 33

Operating temperature

14°F to 140°F / -10°C to 60°C

Storage temperature

14°F to 113°F / -10°C to 45°C <90%RH

Weight

Nova 3 with standard cape	4.0lbs / 1.8kg
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Warranty

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

REQUIRED COMPONENT OPTIONS

NIOSH approved breathing airlines - standard hose

Fitting type	Hose length	Part #
RPB	25ft breathing airline	NV2028
	50ft breathing airline	NV2029
	100ft breathing airline	NV2027
Schrader	25ft breathing airline	04-342-25
	50ft breathing airline	04-342-50
	100ft breathing airline	04-342-100
RZ	25ft breathing airline	04-352-25-RZ
	50ft breathing airline	04-352-50-RZ
	100ft breathing airline	04-352-100-RZ

Standard hoses maximum working length - 300ft
Max working pressure - 300psi

NIOSH approved breathing airlines - recoil hose

Fitting type	Hose length	Part #
RPB	15ft recoil hose*	04-412-15
	25ft recoil hose*	04-412-25
Schrader	15ft recoil hose*	04-442-15
	25ft recoil hose*	04-442-25

Recoil hose maximum working length - 1 hose
Max working pressure - 300psi

CE & AS/NZS approved breathing airlines - standard hose

Fitting type	Hose length	Part #
CEJN	7.5m breathing airline	04-322-25
	15m breathing airline	04-322-50
	30m breathing airline	04-322-100

Max working length - 90m
Max working pressure - 20.7bar

Refer to instruction manual for more detail

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RPB® Nova 3® Respirator (continued)

REQUIRED COMPONENT OPTIONS

Fittings and couplers

NIOSH	RPB Quick Connect Schrader Twist Connect RPB RZ Quick Connect
CE & AS/NZS	CEJN 342 Double Action Safety Coupler

NIOSH approved flow control devices Part

C40™ Climate Control Device	03-501
Cool Tube	4000-01
Hot Tube	4000-20
Flow Control Valve	NV2016
Constant Flow Valve	03-101
PX5® PAPR	03-801

Other NIOSH flow control device and fitting combinations available

CE & AS/NZS approved flow control devices Part

C40™ Climate Control Device	03-502
Constant Flow Valve	03-102
PX4 Air® PAPR	03-901-G

Cape options Part

Nylon cape	NV3-750
Extra length nylon cape	NV3-751
Leather cape	NV3-752
Extra length leather cape	NV3-753
Blast jacket XL	NV3-754
Blast jacket XXL	NV3-755

ACCESSORIES & CONSUMABLES

Padding sizes (thickness) Part

5mm	A05
10mm - standard on all new helmets	A10
15mm	A15
20mm	A20

LENS OPTIONS

Required lenses Part

Inner lens	NV3-722
Outer lens	NV3-724
Tear-off lens	NV3-725

Alternative lenses Part

Cassette lens (bonded outer lens with 5 tear-off lenses)	NV3-745
Tinted inner lens (for metal spray)	NV3-722-T



Employers

Read the Nova 3 and the flow control device instruction manual and carry out the employer responsibilities.

Provide the manuals to all users.

Product users

Read the Nova 3 and the flow control device instruction manual and follow the product user safety instructions.

Manuals are regularly updated.

Current version of manual and for other languages:

rpb-safety.com/resources

Contact

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