



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:

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.

Packages		Part #
NIOSH	NOVA 3® with Std. Nylon Cape, Breathing Tube, C40™	NV3-705-50
CE/AS/NZS	NOVA 3® with Std. Nylon Cape, Breathing Tube, Constant Flow Device	NV3-711-50
	NOVA 3® with Std. Nylon Cape, Breathing Tube, C40™	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 PX4 AIR® PAPR (CE/AS/NZS)

Application ranges (including but not limited to the following)

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



APPROVALS & STANDARDS



CE 2797

EN14594:2005 3B
EN12941:1998
+A2:2008 TH3 P R SL
RESPIRATORY PROTECTION



AS/NZS 1716:2012
BMP# 714303

RESPIRATORY PROTECTION



EN397:2003+A1:2009
HARD HAT PROTECTION
IMPACT CLAUSES

AS/NZS 1801:1997
BMP# 714306

HARD HAT PROTECTION

Z87+
EYE & FACE PROTECTION

EN166:2001 CLASS 1B
EYE & FACE PROTECTION

AS/NZS 1337.1:2010
BMP# 714304

EYE & FACE PROTECTION

ISO9001
CERTIFIED COMPANY

CONSUMABLES

Required Lenses	Part #
Inner lens	NV3-722
Outer lens	NV3-724
Tear-off lens	NV3-725

Alternative Lenses	
Inner Lens	NV3-722
Cassette lens (bonded outer and tear-off lenses)	NV3-745

For Metal Spray	
Tinted inner lens	NV3-722-T

Padding sizes (thickness)	Part #
5mm	A05
10mm - standard on all new helmets	A10
15mm	A15
20mm	A20

Protecting you for life's best moments





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REQUIRED COMPONENT OPTIONS

Breathing airlines Part

NIOSH		
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 max working length - 300ft
Max working pressure - 300psi

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

*NIOSH approval pending
Recoil hose max working length - 1 hose
Max working pressure - 300psi

CE/AS/NZS		
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

Fittings and couplers

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

Flow control devices Part

NIOSH	C40™ Climate Control Device	03-501
	Cool Tube	4000-01
	Hot Tube	4000-20
	Flow Control Valve	NV2016
CE/AS/NZS	Constant Flow Valve	03-101
	C40™ Climate Control Device	03-502
	Constant Flow Valve	03-102
	PX4 AIR® PAPR	03-901-G

Other NIOSH Flow Control Device and fitting combinations available

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



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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 Coverband
A-PET	Outer lens
PETG	Tear-off lenses

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

Noise Rating

NRR: 7 - helmet with ear pads

NRR: 33 - helmet with ear pads and bell shaped foam ear plugs with an NRR of 31

Weight

NOVA 3® with std. cape	4.0lbs / 1.8kg
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Warranty

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



Employers

Read the NOVA 3® and the flow control device instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

Product users

Read the NOVA 3® and the flow control device instruction manuals and follow the product user safety instructions.

Manuals are regularly updated.

Current version of manual and for other languages:

rpbsafety.com/respirators/nova-3

Contact

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