

# Nova 3<sup>®</sup> respirator



Protecting you for life's best moments.

TECHNICAL DATA SHEET

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## Approvals & Standards

**ISO9001**  
CERTIFIED COMPANY

**NIOSH**  
APPROVED

TYPE CE SAR / TYPE C P APR

**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



Z89.1  
HARD HAT PROTECTION  
Type 1 Class C

Z87+  
EYE & FACE PROTECTION

PRODUCT CERTIFICATION



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



RPB Nova 3 respirator head top.

### Required components

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

### Application ranges (including but not limited to the following)

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

## Specifications

### Assigned Protection Factor

NIOSH	APF 1000+
CE & AS/NZS	APF 40 (TH3) / NPF 500 / 4B

### 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

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.

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## 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

## 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

## Weight

Nova 3 with standard cape 4.0lbs (1.8kg)

## Warranty

1 year. Conditions apply, visit [gvs-rpb.com/legal](https://gvs-rpb.com/legal) for full details.

## 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 <sup>®</sup> 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 <sup>®</sup> PAPR	03-901-G

## Breathing Tubes

	Part #
Supplied Air (blasting)	NV2021B
Supplied Air (non-blasting)	04-833
Powered Air (PX5)	04-831
Powered Air - short for backpack (PX5)	04-841

## 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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## 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:**  
[gvs-rpb.com/resources](https://gvs-rpb.com/resources)

### Contact

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