

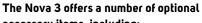
# **Technical Datasheet**

# RPB® Nova 3® Respirator

#### **DESCRIPTION**

The Nova 3 is a supplied air, loose filting, 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.



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

#### Type description

Loose filting continuous flow supplied air or powered air respirator.

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

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**





€ 2797 **280086** 

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



HARD HAT PROTECTION Type 1 Class C

Z87+ **EYE & FACE PROTECTION** 



AS/NZS 1716:2012 BMP# 714303 RESPIRATORY PROTECTION

AS/NZS 1801:1997 BMP#714306 HARD HAT PROTECTION

AS/NZS 1337.1:2010 **EYE & FACE PROTECTION** 





# **Technical Datasheet**

# 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	NRR 33
foam ear plugs with an NRR of 31	

# 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

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Nova 3 w	ith standard cape	4.0lbs / 1.8kg

# Warranty

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

# **REQUIRED COMPONENT OPTIONS**

#### NIOSH approved breathing airlines - standard hose

Filting 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 leng Max working pres		

Refer to instruction manual for more detail





# **Technical Datasheet**

# RPB® Nova 3® Respirator (continued)

# **REQUIRED COMPONENT OPTIONS**

# Fillings 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

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 sprau)	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:

rpbsafety.com/resources

#### Contact

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