

# Nova 3<sup>®</sup> respirator



TECHNICAL DATA SHEET

GVS-RPB.COM

## Approvals & Standards

**ISO9001**  
CERTIFIED COMPANY

**NIOSH**  
APPROVED

TYPE CE SAR / TYPE C PAPP

**CE 2797**  
**UK CA 0086**

EN14594:2018 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 PAPP

### 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.

# Nova 3<sup>®</sup> respirator



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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<br>Schrader Twist Connect<br>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 |

## 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 |

## 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<br>(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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