

# C40™ Climate Control Device



Protecting you for life's **best** moments.

TECHNICAL DATA SHEET

GVS-RPB.COM

## Approvals & Standards

**ISO9001**  
CERTIFIED COMPANY

**CE 2797**  
**UK 0086**  
EN14594:2005 3B/4B  
RESPIRATORY PROTECTION

**NIOSH**  
APPROVED

SAR

PRODUCT CERTIFICATION  
  
BSI Certified Product  
AS/NZS 1716:2012  
BMP# 714303  
RESPIRATORY PROTECTION

The C40 Climate Control Device is a belt mounted air regulator and temperature control unit for RPB's supplied air respirator range.

The unit allows the user to cool incoming air by up to 52°F (29°C) or heat it by up to 33°F (18°C) and increase or decrease the flow of air coming into the respirator, increasing comfort, productivity and safety. It also features a swivel air inlet fitting.

### Type description

Supplied air regulator and climate control device.

Packages available for NIOSH markets	Part #
C40 with RPB Quick Connect Swivel Fitting	03-501
C40 with Schrader Twist Connect Swivel Fitting	03-504
C40 with RPB RZ Quick Connect Swivel Fitting	03-501-RZ

Packages available for CE & AS/NZS markets	Part #
C40 with CEJN 342 Double Action Safety Fitting	03-502

### Required components

- Approved RPB respirator head-top assembly
- Breathing tube
- Breathing airline

### Approved respirators

NIOSH markets	Astro™, Nova 2000®, Nova 3®, T200™, T-Link®, Z-Link®, Z3™, Z4®
CE & AS/NZS markets	Nova 1®, Nova 3®, T-Link®, Z-Link®



03-501 RPB C40 Climate Control Device

## Specifications

### Flow rate and airline requirements into the C40

- 18-25 cfm (510-708 lts/min)
- RPB certified 3/8" (9.5mm) internal diameter breathing airline.
- 55-100psi (depending on airline type).

Refer to instruction manual for detailed information.

### Fittings and couplers

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

### Materials

Nylon	Injection molded parts
Polypropylene	Belt
Zinc Plated Steel	Fittings
Brass	Silencers
Nomex®	Optional FR belt
Acetyl	Buckles on FR belt

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### Specifications

#### 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

#### Dimensions

2.85 x 7.8 x 2.5 in / 72.4 x 198.5 x 62.3mm (W x H x D)

#### Weight

C40 without belt	9.8oz (277g)
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#### Warranty

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



#### Employers

Read the C40 Climate Control Device and the respirator head-top instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

#### Product users

Read the C40 Climate Control Device and the respirator head-top instruction manuals 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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