



Technical Datasheet

RPB® C40™ Climate Control Device

DESCRIPTION

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®, T-Link®, Z-Link®, Z3®, Z4® |
| CE & AS/NZS markets | Nova 1®, Nova 3®, T-Link®, Z-Link®, Z4® |



03-501 RPB C40 Climate Control Device

APPROVALS & STANDARDS

ISO9001
CERTIFIED COMPANY



CE 2797

EN14594:2005 3B
RESPIRATORY PROTECTION
Only in conjunction with approved respirator.



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RPB® C40™ Climate Control Device (continued)

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 |

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 |
|------------------|--------------|

Warranty

1 year. Conditions apply, visit rpbsafety.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:

rpbsafety.com/resources

Contact

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