



Protecting you for life's best moments.

AMBIENT AIR PUMP UI R2

GVS-RPB.COM

Instruction Manual Ambient Air Pump

Employers: Read this manual and the respirator headtop instruction manual, and carry out the employer responsibilities.

Product users: Read this manual and the respirator headtop instruction manual, and follow the product user safety instructions.

Manuals are regularly updated. Make sure this manual is available to all users for reference.

Current version of manual and other languages: gvs-rpb.com/industrial/resources





AMBIENT AIR PUMP

Protecting you for life's best moments.

CONTENTS

■ EXPLANATION OF SIGNAL WORDS AND SYMBOLS	2
■ INTRODUCTION	3
■ IMPORTANT SAFETY INFORMATION	
□ PROTECTION PROVIDED AND LIMITATIONS	4
□ AIR SOURCE, FITTINGS, AND PRESSURE	5
□ TYPICAL AMBIENT AIR PUMP SYSTEM	7
□ EMPLOYER RESPONSIBILITIES	8
□ PRODUCT USER SAFETY INSTRUCTIONS	9
■ SETUP AND CARE	10
■ PARTS AND ACCESSORIES	16
■ WARRANTY AND LIABILITY STATEMENT	17

EXPLANATION OF SIGNAL WORDS AND SYMBOLS

The following signal word and safety symbols are used in this manual and product labeling:



WARNING

WARNING indicates a hazardous situation that, if not avoided, could result in death or serious injury.



DANGER

DANGER Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



Read the Instruction Manual.

Additional copies of RPB® manuals can be found at gvs-rpb.com.

RPB® Safety LLC is an ISO9001 certified company.

INTRODUCTION

The RPB® Ambient Air Breathing Apparatus (AABA) Pump is designed to provide low pressure breathing air for the Supplied Air Respirators (SAR) that are approved to be used with low pressure such as the RPB Nova 2000® in conjunction with the O3-106 Low Pressure Constant Flow Valve and Low Pressure Breathing Air Lines.

This product must be inspected and maintained in accordance with this instruction manual at all times.

See PROTECTION PROVIDED AND LIMITATIONS (page 4) for details.

RPB® SAFETY - GLOBAL HEADQUARTERS

2807 Samoset Rd, Royal Oak, MI 48073, USA

T: 1-866-494-4599 F: 1-866-494-4509 E: sales@gvs.com

RPB® SAFETY - APAC

3 Robin Mann Place, Christchurch Airport, Christchurch 8053, New Zealand

T: +64-3-357-1761 F: +64-3-357-1763 E: sales@gvs.com

GVS S.p.A. - EMEA

Via Roma 50, 40069 Zona Industriale BO, Italy

T: +39 0516176391 E: sales@rpb-safety.com

GVS Filter Technology UK Ltd.

Vickers Industrial Estate, Mellishaw Ln, Morecambe LA3 3EN, UK

T: +44 (0)1524 847600 E: sales@gvs.com

gvs-rpb.com

Copyright ©2022 RPB IP, LLC. All rights reserved. All materials contained on this website are protected by United States copyright law and may not be reproduced, distributed, transmitted, displayed, published or broadcast without the prior written permission of RPB IP, LLC. You may not alter or remove any trademark, copyright or other notice from copies of the content.

All trademarks, service marks, and logos used in this publication, both registered and unregistered, are the trademarks, service marks, or logos of their respective owners. All rights in the RPB Intellectual Property contained in this publication, including copyright, trademarks, service marks, trade secret, and patent rights are reserved. RPB Intellectual Property means any patent, patented articles, patent applications, designs, industrial designs, copyrights, software, source code, database rights, moral rights, inventions, techniques, technical data, trade secrets, know-how, brands, trademarks, trade names, slogans, logos, and any other common law and proprietary rights, whether registered or unregistered anywhere in the world, that are owned by, developed in whole or in part by, or licensed by RPB IP, LLC.

For technical assistance contact our Customer Service Department at 1-866-494-4599 or email: sales@gvs.com

Form #: 7.20.618

Rev: 2



AMBIENT AIR PUMP

Protecting you for life's best moments.

IMPORTANT SAFETY INFORMATION



WARNING

Improper selection, use, or maintenance of respiratory protection products can result in injury; life threatening delayed lung, skin or eye disease; or death. This product is intended for occupational use in accordance with applicable standards or regulations for your location, industry, and activity (see Employer Responsibilities, page 11.) Familiarity with standards and regulations related to the use of this protective equipment is recommended, even if they do not directly apply to you. If self-employed or if used in a non-occupational setting, refer to Employer Responsibilities and Product User Safety Instructions. Go to gvs-rpb.com/important-safety-information for helpful links to OSHA, ANSI standards, and other content.

Employers: Read this manual and the flow control device Instruction Manual and carry out the Employer Responsibilities (page 11).

Product users: Read this manual and the flow control device Instruction Manual and follow the Product User Safety Instructions (page 12).

Check website for updates. Product manuals are regularly updated.

Visit gvs-rpb.com/industrial/resources for the most recent version of this manual before using the product.

PROTECTION PROVIDED AND LIMITATIONS

PROTECTIONS PROVIDED

The RPB Ambient Air Pump has inlet and outlet filters to help protect the user from solid or liquid particulates, such as dusts, mists, or odors 0.5 micron or larger.

LIMITATIONS

The Ambient Air Pump filters do not remove Carbon Monoxide and other dangerous organic vapors, gases, or particulates from the air pulled in. DO NOT use this pump if these are present. Use only with NIOSH approved Type "C" (constant flow low pressure) respirators with the Ambient Air Pump along with the corresponding hose lengths to ensure function at the pressures generated by the air pump.

HAZARD LIMITATIONS

The RPB Ambient Air Pump is NOT FOR USE if the ambient air has any of these conditions:

- The air source atmosphere contains less than 19.5% oxygen.
- The air source contains hazardous gases (e.g., carbon monoxide).
- The temperature is outside the range of 14°F to 140°F (-10°C to +60°C).

STANDARDS AND REGULATIONS

The Ambient Air Pump can help meet requirements for breathing air quality. Refer to the following standards and regulations, depending on the location the pump is being used, for more information:

- ANSI/Compressed Gas Association Commodity Specification for Air, G-7.1-1989.
- Federal OSHA 29 CFR 1910.134 "Compressor Operations for Breathing Air"
- Army Corps of Engineers EM385-1-1, Section 30.F.04.

SAFETY PRECAUTIONS

DO NOT:

- attempt to service the air pump while it is running or while it is connected to electrical or air power.
- oil or lubricate the pump.
- kink the power cord and never allow the cord to come in contact with oil, grease, hot surfaces, or chemicals.
- use underground electrical receptacles.
- use undersized electrical extension cords or wiring.
- use the pump as an air-filtering device for vapors, gases, or particulates.
- start or run the pump without respirator(s) and hose(s) connected to the pump. Failure to do so may result in a "back pressure" causing damage and/or stalling the pump.
- use a vortex type cooled or heated flow control device with the pump.

DO:

- check all air line hoses for weakness and wear before use.
- ensure that all hose and plumbing connections are secure.
- ensure that the power source conforms to the requirements of your equipment.
- remove the aluminum canister on the exhaust filter assembly and check that the exhaust filter is firmly seated in place before startup.

AIR SOURCE, FITTINGS, AND PRESSURE

AIR SOURCE

Locate the air pump in a clean air environment. Make sure the ambient air source is somewhere that vehicles, forklifts, and other machinery are not running near the air inlet, as this will cause carbon monoxide to be drawn into the air supply.

The ambient air supplied to the pump should not exceed 140 degrees Fahrenheit (60 degrees Celsius). When an oil lubricated air pump is used and it gets excessively hot, it can potentially create Carbon Monoxide.

 DANGER Do not use the Ambient Air Pump where the ambient air contaminants are Immediately Dangerous to Life and Health (IDLH) such as nitrogen, toxic gases, inert gases or other non-breathable air contaminants. Check the ambient air before using the Ambient Air Pump. Failure to use Ambient Air Pump with the proper air source could result in serious injury or death.



AMBIENT AIR PUMP

Protecting you for life's best moments.

AIR SOURCE, FITTINGS, AND PRESSURE CONTINUED

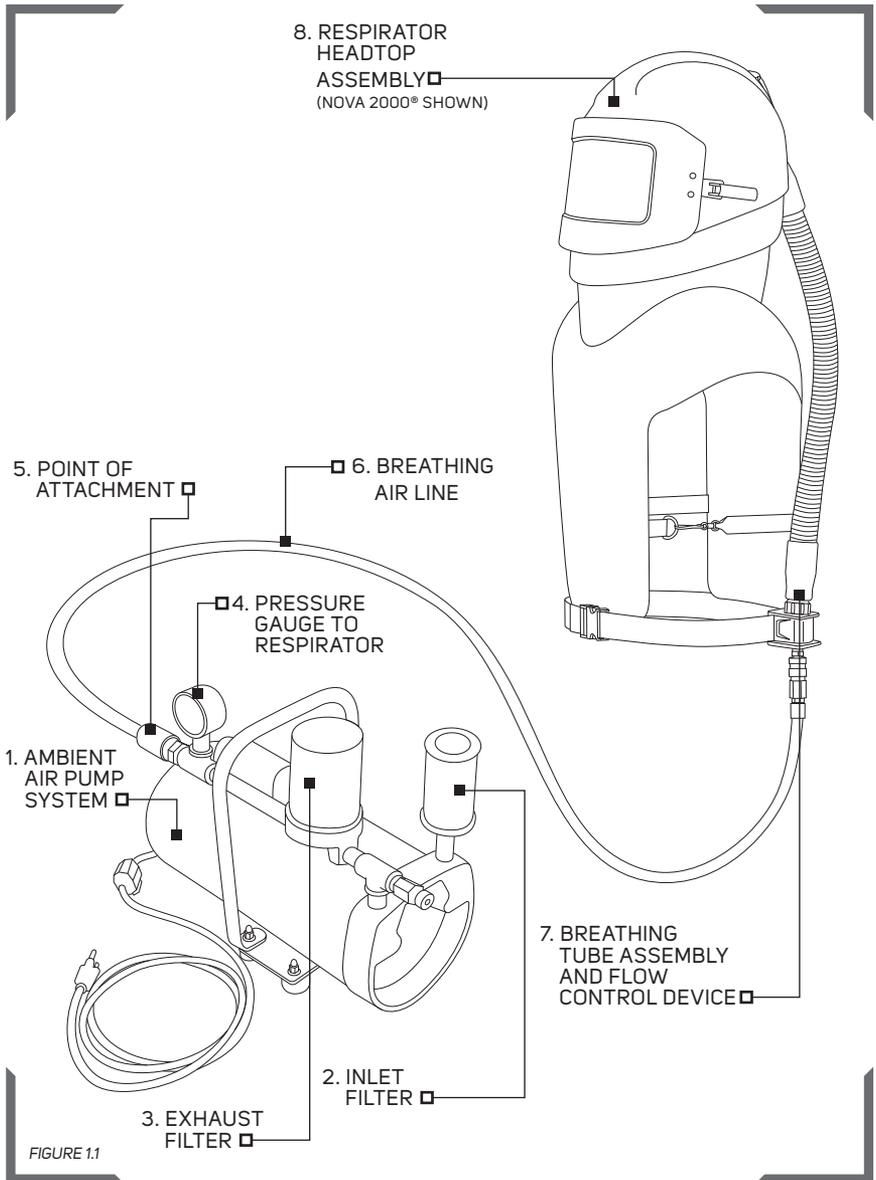
REQUIRED AIR QUALITY MONITORING

- Air quality must be tested at the time of initial setup from the point of attachment (the Ambient Air Pump outlet to the respirator).
- Breathing air quality should be continuously monitored and/or be tested to Grade D breathing air standards for at least the following air components (check your local standards for requirements, see page 4):
 - O₂ - Oxygen
 - CO₂ - Carbon Dioxide
 - CO - Carbon Monoxide
 - H₂O - Water (Moisture Content)
 - Hydrocarbons (Oil Mist)
 - Total Particulates
- Retesting the air quality is recommended if the pump is moved or should the pump location or environment significantly change.

BREATHING AIR PRESSURE

The air pressure must be continually monitored at the point of attachment. Air pressure must be read from a reliable pressure gauge, while the respirator has air flowing through it, as required by applicable standards and regulations. Refer to the instruction manual for the respirator for the Breathing Air Pressure Table to determine the correct air pressure settings for your setup.

TYPICAL AMBIENT AIR PUMP SYSTEM





AMBIENT AIR PUMP

Protecting you for life's best moments.

EMPLOYER RESPONSIBILITIES

Your specific responsibilities may vary by location and industry, but in general RPB expects that employers will:

■ Follow all applicable standards and regulations for your location, industry, and activity.

Depending on your location and industry, a number of standards and regulations may apply to your selection and use of respirators and other personal protective equipment. There also may be requirements specific to particular contaminants, e.g. silica (see gvs-rpb.com/important-safety-information/ for more information), asbestos, organic pathogens, etc. Know which requirements apply to your location and industry.

■ Have appropriate safety programs in place.

Have and follow:

- A workplace safety program.
- A written respiratory protection program may be required in accordance with applicable standards and regulations.

■ In accordance with the above,

- Perform a hazard analysis and select appropriate equipment for each activity.** A hazard analysis should be performed by a qualified person. Controls should be in place as appropriate and a qualified person should determine what kind of respiratory, face and eye, head, and hearing protection is appropriate for the intended activities and environments of use. (For example, select a respirator appropriate to the specific airborne hazards, with consideration of workplace and user factors and with an Assigned Protection Factor (APF) that meets or exceeds the required level for employee protection, select welding face and eye protection appropriate to the type of welding to be done, etc.)

As applicable, check your workplace safety program, respiratory protection program, and standards and regulations for your activity or industry for related protection requirements, and see this manual (Protection Provided and Limitations, page 4), the flow control device, and the respirator head-top Instruction Manual for product specifications.

- Be sure employees are medically qualified to use a respirator.**

Have a qualified physician or other licensed health care professional (PLHCP) perform medical evaluations using a medical questionnaire or an initial medical examination per OSHA 29 CFR 1910.134 and local standards as required.

- Train employees in the Ambient Air Pump's use, maintenance, and limitations.**

Appoint a qualified individual who is knowledgeable about the RPB Ambient Air Pump per local standards as required to provide training:

ANSI/ASSE Z88.2 Section 8.1 Qualifications of the Respirator Trainer. Anyone providing respirator training shall:

- a) be knowledgeable in the application and use of the respirator(s);
- b) have practical knowledge in the selection and use of respirator(s) and work practices at the site;
- c) have an understanding of the site's respirator program; and
- d) be knowledgeable of applicable regulations.

Train each Abient Air Pump user in the product's use, application, inspection, maintenance, storage, and limitations in accordance with the content of this Instruction Manual and the approved flow control device and respirator head-top Instruction Manuals and standard or regulatory requirements. Ensure that each intended user reads all of these manuals.

☐ Ensure that equipment is properly set up, used, and maintained.

Make sure that equipment is properly set up, inspected, used, and maintained, including changing the air filter cartridge per the recommendations in the maintenance section of this manual.

☐ Measure and monitor airborne contaminants in the work area.

Measure and monitor airborne contaminant levels in the work area in accordance with applicable requirements.

☐ Make sure the area is ventilated and monitored:

Ventilate and monitor the air in the work area as required by local standards and regulations.

☐ If you have any questions, contact RPB®.

■ Call Customer Service Department at:

Tel: 1-866-494-4599

Email: sales@gvs.com

Web: gvs-rpb.com

PRODUCT USER SAFETY INSTRUCTIONS

BEFORE INITIAL USE - BE TRAINED

Do not use this Abient Air Pump until you have read this manual, the flow control device and respirator head-top Instruction Manuals (additional copies available at gvs-rpb.com/resources) and been trained in the respirator's use, maintenance, and limitations by a qualified individual (appointed by your employer) who is knowledgeable about the RPB Abient Air Pump.

MAKE SURE THE SYSTEM IS READY FOR USE

Inspect all components daily for signs of damage or wear and tear that may reduce the level of protection originally provided. Remove any damaged component or product, as the pump is a pressure vessel and damage to the vessel could cause fatigue that could result in serious injury or death. Do not attempt to weld the pump unit.

Make sure that the pump is correctly assembled in the configuration that suits your application. Never use the pump without all components in place. Verify that you have all required components for the Abient Air Pump system, such as: inlet filter, exhaust filter, pressure gauge and secure fittings. Use only authentic RPB brand parts and components. Using incomplete or inappropriate equipment, including the use of counterfeit or non-RPB parts, can result in inadequate protection and could reduce the filtration/air supply capabilities. Do not modify or alter any part of this product.



AMBIENT AIR PUMP

Protecting you for life's best moments.

PRODUCT USER SAFETY INSTRUCTIONS CONTINUED

VERIFY THAT YOU HAVE THE APPROPRIATE EQUIPMENT FOR YOUR ACTIVITY

Verify that the Ambient Air Pump provides appropriate air supply and protection for your activity. As applicable, check your workplace safety program, respiratory protection program, and standards and regulations for your activity or industry. (See PROTECTION PROVIDED AND LIMITATIONS, page 4.)

BEFORE CONNECTING A RESPIRATOR TO THE AMBIENT AIR PUMP:

Verify airborne contaminants are within recommended limits for respirator use:

- Determine the type and level of contamination. Verify that airborne contaminant concentrations do not exceed those allowed by applicable regulations and standards for supplied air respirators.

Make sure the work area is ventilated, and the work area and the breathing air supply are monitored:

- Make sure that the area is well ventilated and that regular air samples are taken to confirm the atmosphere stays within the levels recommended by OSHA, EN, AS/NZS and other governing bodies and standards.

If you have any questions, ask your employer.

SETUP AND CARE

1. Ensure that the pump (or inlet extension filter) is in a clean uncontaminated air environment.
 - If clean air CANNOT be guaranteed at the pump inlet at all times, use the Inlet extension hose kit. See instructions on the Inlet extension kit below.
2. Ensure canister on the discharge filter assembly is firmly seated and secure before startup.
 - Discharge air passes through the HEPA outlet filter located inside the discharged filter assembly.
 - HEPA filter is NOT for use as protection against vapors and gases.
 - D.O.P. efficiency: 99.97% (0.3-0.6 micron particles)
3. Attach respirator/hood and air breathing hose to pump.
 - Check respirator manufacturers' recommendation for inspection/operation procedures.
 - Never start pump without hose and respirator attached. This may result in excessive back pressure that will lead to pump damage.
4. Ensure that air hoses are not tightly coiled or kinked.
 - This may cause some restriction of the air flow causing the pump to run at a higher PSI and overheat.
5. Plug the pump into proper electrical outlet and turn on the power switch.
6. Adjust pressure relief valve. (see instructions for PRV below)
 - Pumps are designed for multiple users and may require an adjustment to the pressure relief valve to fit the number of workers using the system.
7. Don the respirator as instructed per manufacturer user's instructions.

8. Ensure all users are receiving sufficient air to the respirator.
 - Use the RPB “Flow test kit” to verify proper airflow (CFM) to the respirator.
 - Ambient air pump gauge indicates the dynamic air pressure (back pressure), NOT air volume.
9. Enter work/contaminated area.

PRESSURE RELIEF VALVE (RPV):

1. Before making any adjustments check with the respirator manufacturer for the required CFM to that specific respirator.
2. To adjust the relief valve, loosen the lock nut.
3. Turn the adjustment knob counterclockwise to “bleed-off” air.
 - This will decrease pump output to the respirators.
 - It is important to set the proper air flow to the respirator, too much air will over work the pump motor, causing it to overheat. Too little air will not provide sufficient air to the user.
4. Turn the adjustment knob clockwise to decrease air being bled off.
 - This will increase the pressure and air flow to respirators.
 - Care must be taken to ensure that the respirator and air hose are not disconnected while pump is running, when the PRV is set to this setting. Pump damage will occur.
5. Tighten lock nut.
 - PRV must be readjusted each time the number of users, respirator type or length of air hose is changed.



WARNING

The pressure relief valve must be connected to protect the Ambient Air Pump from over pressurizing. If the hole is plugged with something other than the pressure relief valve, excess pressure could cause the vessel to explode.

INLET EXTENSION KIT:

Locate the inlet filter where breathing air CANNOT be contaminated by harmful vapors, gases, or particulate and where it will be protected from excessive moisture.

- Inlet hose extensions may be used to increase distance from the inlet filter to the pump up to 250 feet.
- With the use of remote Inlet Extension Hose(s), noise level at the pump is greatly reduced.
- The noise will be transferred by the hose to wherever the Inlet Filter is located.
- Respirators must be supplied with clean breathable air at all times, per OSHA 29CFR 1910.134.

In order to achieve this requirement, it may be necessary to use the inlet extension to reach a clean air environment.



AMBIENT AIR PUMP

Protecting you for life's best moments.

SETUP AND CARE CONTINUED

1. Remove the inlet filter assembly from the pump.
2. Install inlet extension hose to the pump inlet port, using the supplied reducers/adapters.
3. Install the inlet filter assembly on the other end of the extension hose.
 - The pump will require an inlet filter assembly for use with the extension hose.
4. Place the extension hose in a clean, uncontaminated environment.

TOLERANCES

The RPB Ambient Air Pumps are precision pumps that have only .0015-.003 clearance between the top of the rotor and cylinder bore, and .003 or less clearance between end of the rotor and the end plate. Any thrust on the shaft such as mishandling or dropping the pump on its end will tend to close these clearances, causing the rotor to jam. Foreign particles, excessive dirt or dust build up may cause sluggish performance and eventual "jamming" of the pump. The pumps have carbon vanes and grease packed bearings. They MUST NOT be lubricated or flushed with petroleum base solvents.

All models have precision ground vanes inside the pump that take up their own wear and will last approximately 3,000 hours, depending upon workload, maintenance, speed and degree of pressure. Excessive dirt, foreign particles, or moisture could cause the vanes to stick in the rotor slots and even break. Periodic "flushing" could prevent this. Use flushing cleaner in the pump chamber only.



WARNING

The basic materials used in the pumps are cast iron and steel.

Consequently, any moisture will tend to corrode the interior, especially when pump stands idle for extended periods.



WARNING

Hazardous location equipment may be required in any area where

the presence of flammable gases, vapors or finely pulverized dusts in the atmosphere is sufficient to create a threat of explosion or fire. It may also be required where easily ignitable fibers of flyings are present.

SPECIFICATIONS

PART NO.	MAX NO. OF RESPIRATORS	POWER REQUIRED	LBS	HP	PSI	CFM
06-100	1	8.3A 115/230V	53	¾	0-15	0-10

INSPECTION

Regular inspection, cleaning filters, and "flushing" may prevent extensive repairs. Dirty or clogged filter elements can cause overheating (in excess of 200°F [93°C]) and possible pump failure.

It is normal for the pump surface and immediate output air temperatures to reach 200°F (93°C)

when the unit is run continuously under a heavy load or high pressure settings.

- If there is evidence of overheating or excessive noise, turn off the pump and exit the work area.
- High-pressure operation will shorten pump's life.
- Keep external surfaces clean for proper heat dissipation.
- Do not allow pump to operate in ambient air temperatures excess of 104°F (40°C).

Failures due to pressure buildup are due to the following:

- Improper setting of the pressure relief valve
- Leaks in airline connections
- Damaged filter canister threads
- Collapsed or kinked air lines, dirty filter elements
- Vanes sticking in the rotor slots

Electrical motors:

Some electrical motors are equipped with a thermal protector that shuts the motor down automatically when subjected to mechanical or electrical overloads. Ensure electrical power source corresponds to what is on the motor information plate.

MAINTENANCE

Filters:

- Change the inlet filter every 200 running hours or if the pressure gauge shows a drop in pressure.
- Change exhaust filter every 200 running hours or if the pressure gauge shows an increase in pressure.

Flushing instructions:

1. Perform this procedure in a well ventilated area.
2. Wear solvent resistant gloves and eye protection while performing the flushing procedure.
3. Disconnect airline hose and respirator to prevent contamination.
4. Remove inlet filter assembly and pressure relief valve, to prevent damage to pump from back pressure.
5. Add 10-15 squirts of flushing solvent, through the inlet port opening.
6. Turn the pump on and let it run for 1 minute to flush out contaminants.
7. Repeat flushing procedure if pump is in extremely dirty or is under performing.
8. Replace inlet filter assembly and pressure relief valve.
9. Replace exhaust filter and inlet filter.
10. Reconnect airline hose and respirator, do not use respirator until all steps are complete.
11. Turn pump on for 10 minutes, this allows the flushing solution to dry out completely.



WARNING

Keep face away from exhaust port. DO NOT flush unit with KEROSENE OR OTHER COMBUSTIBLE LIQUIDS. Personal injury and/or property damage will result.



AMBIENT AIR PUMP

Protecting you for life's best moments.

SETUP AND CARE CONTINUED

Vane replacement:

To replace vanes or inspect the pump interior:

1. Remove only the end plate by removing the six bolts holding the end plate to the body.
2. Remove the end plate and the four vanes, pay attention to the direction the vanes are facing.
3. Do not remove the rotor or loosen any electric motor "through-bolts."
4. Inspect used vanes for signs of cracking due to back pressure.
5. Inspect interior surface of chamber and rotor, for any signs of scaring or metal to metal contact.
6. Ensure surface is smooth and free of rust or contaminants, sand down surface if needed.
7. Clean with appropriate flushing solution.
8. If necessary align body to set proper clearance.
9. Insert the vanes with the beveled edge fitting the contour of the body bore of the pump.
10. The rotor should be turned while setting clearance to assure that all points on the rotor clear the body.
11. Replace the end plate and end plate bolts securely. (Do not over-tighten).

TROUBLESHOOTING

1 If the motor fails:

- If the motor is extremely cold.
 - Bring to room temperature before starting.
- Ensure respirator and hose are connected when pump is running; failure to do so may cause lock-up.
 - Loosen all six pump end plate bolts slightly. Re-tighten and try to run unit.
- Some motors are thermally protected. An electrical overload or mechanical failure may cause a thermally protected motor to stop running.
 - Let motor cool down (15-20 min.) and try restarting.
- If the motor fails to start or hums.
 - Pull plug and check for correct electrical current as shown on motor info plate.
 - Check the wiring instructions on motor case or on thermal plate cover.
- If electrical motor hums but the air pump is not turning.
 - Turn off motor, loosen all six end plate bolts, then re-tighten and start unit.
 - If unsuccessful, remove end plate.
 - Check vanes and rotor for free movement.
 - Broken or chipped vanes should be replaced.
- If rust has formed in pump chamber due to exposure to moisture.
 - Sand down if necessary.
 - Clean chamber with approved solvents.
- If pump becomes noisy.
 - Check for sticking vanes.
 - Flush pump, if necessary replace vanes (see disassembly for instructions).

2 If output air hot or pump is running hot:

- If there is a drastic temperature increase on pump surface or air temperature coming out of the respirator.
 - Check alignment of pump rotor and housing. (See Maintenance section)
- If outlet pressure is too high.
 - Adjust pressure relief valve, while maintaining sufficient air flow to the respirator.

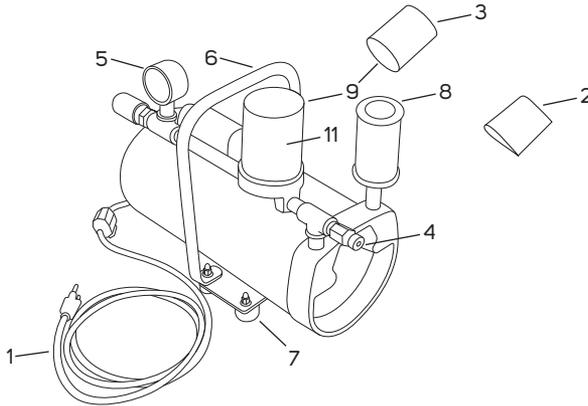


AMBIENT AIR PUMP

Protecting you for life's best moments.

PARTS AND ACCESSORIES

FIGURE 6.1



Item Number	Description	Part Number
1	Electric cord with integrated switch	9512-02
2	Inlet filter element	9700-01
3	Exhaust filter element	9700-02
4	Pressure relief valve	9700-03
5	Pressure Gauge	9700-04
6	Carrying handle	9700-05
7	Rubber foot (4 Ea. required)	9700-06
8	Inlet filter assembly	9700-08
9	Exhaust filter assembly (filter element incl.)	9700-09
10	Pump flushing liquid*	9700-11
11	Exhaust filter canister (Canister only)	9700-15
12	Service kit (includes set of 4 vanes, filters & flushing liquid)*	9700-50
13	Universal inlet hose kit (50 Feet)*	9700-65
14	½" Coupler, Hansen*	9700-72

*Not pictured



WARNING

Use only exact, authentic RPB® replacement parts (marked with the RPB® logo and part number), and only in the specified configuration. Using incomplete or inappropriate equipment, including the use of counterfeit or non-RPB® parts, can result in inadequate protection and will void the NIOSH approval of the entire respirator assembly.

LIMITED WARRANTY

RPB® warrants that its Products will be free from defects in materials and workmanship for one (1) year, subject to the terms of this limited warranty. The Products are sold only for commercial use, and no consumer warranties apply to the Products. This limited warranty is for the benefit of the original Product purchaser, and cannot be transferred or assigned. This is the sole and exclusive warranty provided by RPB®, and ALL CONDITIONS AND IMPLIED WARRANTIES (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE EXCLUDED AND DISCLAIMED FROM WARRANTY COVERAGE. RPB's® limited warranty coverage does not apply to damage resulting from accident, improper use or misuse of the Products, wear and tear resulting from the normal use of the Products, or the failure to properly maintain the Products.

RPB's® limited warranty coverage runs from the original date of purchase of the Products, and applies only to warranted defects which first manifest themselves and are reported to RPB® within the warranty period. RPB® retains the right to determine to its reasonable satisfaction whether any claimed defect is covered by this limited warranty.

If a warranted defect occurs, RPB® will repair or replace the defective Product (or a component of the Product), in its sole discretion. This "repair or replacement" remedy is the sole and exclusive remedy under this limited warranty, and under no circumstances shall RPB's® liability under this limited warranty exceed the original purchase price for the Products (or the applicable component). RPB® has no responsibility for incidental or consequential damages, including loss of use, maintenance and other costs, and ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED AND DISCLAIMED from this limited warranty. Contact RPB® to obtain warranty service. Proof of purchase must be provided to obtain warranty service. All costs of returning the Products to RPB® for warranty service must be paid by the purchaser.

RPB® reserves the right to improve its Products through changes in design or materials without being obligated to purchasers of previously manufactured Products.

LIABILITY

RPB® Safety cannot accept any liability of whatsoever nature arising directly or indirectly from the use or misuse of RPB® Safety products, including purposes that the products are not designed for. RPB® Safety is not liable for damage, loss or expense resulting from the failure to give advice or information or the giving of incorrect advice or information, whether or not due to RPB® Safety's negligence or that of its employees, agents or subcontractors.

OTHER PRODUCTS

ISO9001
ACCREDITED COMPANY

RPB® NOVA 3® RESPIRATOR

The RPB® NOVA 3® combines breakthrough protection technology with advanced comfort and functionality, surpassing even the most rigorous industry standards and the demands of the most quality-conscious companies. Designed to optimize safety and productivity, and to minimize worker downtime, the helmet has a host of features that maximize its lifetime value.



RPB® C40™ CLIMATE CONTROL

Looking for an advanced climate control device that can heat and cool your supplied air just by the slide of a lever? Look no further than the RPB® C40™. From the searing heat of an Arizona summer to a severe Scandinavian winter the RPB® C40™ will keep you comfortable.



AIR QUALITY MONITORING

Do you need an intelligent gas monitor that can give you complete confidence in the air you and your employees are breathing? The RPB® GX4® Gas Monitor has the ability to detect up to 4 gases simultaneously, giving you total peace of mind.

