

MILLER®

by Honeywell



Miller QuickPick™ Rescue Kits

User Instruction Manual

Manuel D'utilisation / Manual de Instrucciones para El Usuario

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Thank You

Thank you for your purchase of Miller fall protection equipment manufactured by Honeywell Safety Products. Miller brand products are produced to meet the highest standards of quality at our ISO 9001 certified facility. Miller equipment will provide you with years of use when cared for properly.

WARNING

All persons using this equipment must read, understand and follow all instructions. Failure to do so may result in serious injury or death. Do not use this equipment unless you are properly trained.

Questions?

CALL
1.800.873.5242

It is crucial that the authorized person/user of this equipment read and understand these instructions. In addition, federal law requires employers to ensure that all users are trained in the proper installation, use, inspection, and maintenance of fall protection/rescue equipment. Fall protection/rescue training should be an integral part of a comprehensive safety program.

Proper use of fall arrest and rescue systems can save lives and reduce the potential of serious injuries from a fall. The rescuer/user must be aware that forces experienced during the arrest of a fall or prolonged suspension may cause bodily injury. Consult a physician if there is any question about the user's ability to use this product. Pregnant women and minor children must not use this product.

1.0 Purpose

Miller QuickPick™ Rescue Kits deliver peace of mind during unexpected, stressful peer-rescue situations at heights. QuickPick Kits allow the rescuer to remotely attach the system to a fallen worker, while remaining securely anchored on the working surface. Once connected to the system, the worker can either be raised or lowered to safety. All the rescue components needed are contained in one easy-to-store kit — only requiring an overhead anchorage.

Premium and Standard Kit configurations provide a choice of two options:

The **Premium QuickPick Rescue Kit** is the best choice for users whose job is not normally rescue. The premium kit includes an integral Backup Braking System that acts as a secondary fall protection device. Should the rescuer inadvertently release the rope lifeline at any time during the rescue, the foolproof Backup Braking System will quickly stop the system, preventing the fallen worker from accidentally descending. The premium QuickPick kit is designed with an efficient hauling system with a 5:1 lifting ratio, making heavier loads lighter to lift.

The **Standard QuickPick Rescue Kit** is designed for users who are more experienced with rescue. The standard kit provides an economical kit configuration for conducting rescue with workers confident in managing rescue situations and systems. It is designed with an efficient hauling system with a 4:1 lifting ratio, making heavier loads lighter to lift.

2.0 General Requirements, Warnings and Limitations

General Requirements

All warnings and instructions shall be provided to authorized persons/users.

All authorized persons/users must reference the regulations governing occupational safety, as well as applicable standards (i.e., ANSI or CSA).

Proper precautions should always be taken to remove any obstructions, debris, material, or other recognized hazards from the work area that could cause injuries or interfere with the operation of the system.

All equipment must be inspected before each use according to the manufacturer's instructions.

All equipment should be inspected by a qualified person on a regular basis.

To minimize the potential for accidental disengagement, a competent person must ensure system compatibility.

Equipment must not be altered in any way. Repairs must be performed only by the manufacturer, or by persons or entities authorized in writing by the manufacturer.

Any product exhibiting deformities, unusual wear, or deterioration must be immediately discarded.

Any equipment subject to the forces of arresting a fall or affecting a rescue must be removed from service.

The authorized person/user shall have a rescue plan and the means at hand to implement it when using this equipment.

Never use equipment for purposes other than those for which it was designed.

Never remove product labels, which include important warnings and information for the authorized person/user.

System Compatibility

Miller QuickPick Rescue Kits are designed for use with Honeywell-approved components only. Substitution or replacement with non-approved component combinations, sub-systems, or both, may affect or interfere with the safe function of each component and may endanger their compatibility within the system. This incompatibility may affect the reliability and safety of the total system.

Capacity

The QuickPick Premium Rescue Kit is rated for up to a 400 lb. (181.4kg) worker*; the QuickPick Standard Kit is rated for up to a 310 lb. (140.6kg) worker*.

*Including body weight, clothing, harness, tools, etc.

Limitations of Use

This device is intended for the rescue of fallen workers only.

- Only one person may be connected to the system at a given time.
- Do not use for lifting and lowering material loads.

Environmental Hazards

Always ensure that the work area where the system will be used AND the ascent/descent path of the suspended worker are free of any recognized environmental hazards.

- Equipment must not be exposed to environmental hazards and chemicals which may produce a harmful effect.
- Use in a corrosive or caustic environment dictates a more frequent inspection and servicing program to ensure the integrity of the product is maintained.
- Do not allow equipment to come in contact with anything that will damage it including, but not limited to, sharp, abrasive, rough or high-temperature surfaces, welding, heat sources, electrical hazards, or moving machinery.
- Do not expose the equipment to any hazard which it is not designed to withstand. Consult the manufacturer in cases of doubt.

Compliance

Premium QuickPick Rescue Kit meets OSHA, ANSI Z359.4 and ANSI A10.32; standard kit meets OSHA and ANSI A10.32.

3.0 QuickPick Rescue Kits-- Components and Specifications

SKU	Description	Rope Length	Mechanical Advantage	Max. Capacity	Weight
QuickPick Premium Kit includes:					
• Backup braking system and pulleys (high-grade anodized aluminum) • Twist-lock carabiners (steel with 1 in. (25mm) gate opening) • Rope lifeline (7/16 in. (11mm) Kernmantle rope; 8,000 lbs. (35.6kN) min. tensile strength) and rope control handle (cast aluminum with stainless steel cam assembly) • Rescue remote connection pole (extends up to 12 ft. (3.6m), aluminum fiberglass) with carabiner clip (stainless steel with spring); captive-eye, twist-lock carabiner (steel with 1 in. (25mm) gate opening) with pigtail (7/16 in. (11mm) Kernmantle rope); and WristBandit™ Tool Lanyard (Polypropylene and Velcro®) • Cross-arm anchorage connector (3 in. (76mm) polyester webbing strap with steel D-ring) • Kit bag and pole bag (Millerhyde™)					
QP/25FT	25 ft. Working Length System	125 ft. (38m)	5:1	400 lbs. (181.4kg)	22.9 lbs. (10.3kg)
QP/50FT	50 ft. Working Length System	250 ft. (76m)			30.4 lbs. (13.7kg)
QP/75FT	75 ft. Working Length System	375 ft. (114m)			37.9 lbs. (17.1kg)
QP/100FT	100 ft. Working Length System	500 ft. (152m)			45.4 lbs. (20.5kg)
QuickPick Standard Kit includes*:					
• Pulleys • Twist-lock carabiners • Rope lifeline and rope control handle • Rescue remote connection pole with carabiner clip; captive-eye, twist-lock carabiner with pigtail; and WristBandit™ Tool Lanyard • Cross-arm anchorage connector • Kit bag and pole bag					
<i>*Materials/specifications of components are the same as those for the Premium Kit.</i>					
QP-1/25FT	25 ft. Working Length System	100 ft. (30m)	4:1	310 lbs. (140.6kg)	17.6 lbs. (7.9kg)
QP-1/50FT	50 ft. Working Length System	200 ft. (61m)			25.1 lbs. (11.3kg)
QP-1/75FT	75 ft. Working Length System	300 ft. (91m)			32.6 lbs. (14.7kg)
QP-1/100FT	100 ft. Working Length System	400 ft. (122m)			40.1 lbs. (18.1kg)
QuickPick Components					
QP-EP	12 ft. (3.6m) Rescue Remote Connection Pole with Carabiner Clip, Captive-Eye Carabiner with Pigtail, WristBandit™ Tool Lanyard and Bag				5.7 lbs. (2.5kg)
QP-SC	Replacement Carabiner Clip				0.1 lbs. (0.04kg)
QP-RHA	Rope Control Handle				0.5 lbs. (0.2kg)



4.0 Installation and Use

An emergency rescue plan shall be in place before starting any work at heights. Consider all factors, such as anchorage selection, rescue kit use and limitations, descent path, landing area clearance, and regulations governing rescue at heights. The condition of the QuickPick Rescue Kit must be carefully maintained and all components inspected prior to any potential use.

Although rescue can be performed by one person using the QuickPick Rescue Kit, it is recommended to seek the assistance of a second person. The rescue must always be performed from above the suspended person.

The rescuer(s) must be a competent person trained in fall protection and rescue at heights. If the rescuer(s) will be exposed to a fall hazard while executing the rescue operation, a personal fall arrest system must be worn, and the anchor point to which the system is connected must be capable of supporting 5,000 lbs. (22.2kN) per user attached or maintain a 2:1 safety factor. All instructions and warnings provided with the components of the personal fall arrest system must be read, understood and followed.

Always follow your employer's prescribed emergency rescue plan.

4.1 Pre-Installation Requirements

Warnings and Limitations

Before installation of any rescue system, carefully inspect to ensure that it is in useable condition. Check for missing or damaged parts. Do not use this equipment if any component does not operate properly or if the unit appears to be damaged in any way. Refer to the inspection section of this manual.

Only trained and competent personnel should install and use this equipment.

This rescue kit was designed and tested as a complete system. All component substitutions must be approved by Honeywell.

Anchorage Requirements

The anchor point to which the QuickPick rescue device is attached must be capable of supporting 3,100 lbs. (1410kg) or meet a safety factor of 5:1 based upon the static load placed on the system when the system is designed, installed and used under the supervision of a qualified person. When an anchorage is being utilized for both fall arrest AND rescue, fall arrest load requirements apply. When more than one device or system is attached to an anchorage, the anchorage strength must be multiplied by the number of devices/systems attached to the anchorage.

The anchor point should be located directly above the suspended person to minimize the potential for a swing hazard. It must also be located such that the suspended person can be raised/lowered to safety without any obstacles in the path. The planned landing area must be clear of obstructions to permit safe landing. A sufficient distance should be maintained from all edges and vertical surfaces so as not to interfere with the operation of the rescue system. Avoid using this device where components may come in contact with sharp edges. If this is not possible, suitable edge protection must be used.

The QuickPick device must be installed at a height which will allow the rescuer to reach the backup braking system (if using the premium QuickPick kit) or the upper pulley (if using the standard QuickPick kit). This is required to ensure that safest rescue procedures are followed when using the QuickPick rescue kit and to ensure that the potential for the suspended person to accidentally descend or free fall is minimized. If a higher anchor

Anchorage Requirements (continued)

point must be used, an anchorage connector should be selected such that the unit will be within reach of the rescuer or an anchorage connector and pigtail must be installed to bring the unit to the acceptable height above the rescuer.

The anchorage connector, if required to attach the QuickPick rescue device to the anchor point, must be compatible with the anchorage and meet the above anchorage strength requirements. In addition, the anchorage connector must be compatible with the carabiner on the backup braking system (or pulley, if using the basic QuickPick kit) and must not be capable of causing a load to be applied to the gate/keeper. Never use an anchorage connector which will not allow the carabiner gate/keeper to close and lock.

Pre-Assembly and Inspection

Because time is critical in a rescue situation, the QuickPick Rescue Kit must be maintained and stored in a ready-to-use state--components have been preassembled and inspected. The QuickPick system is shipped from the manufacturer preassembled; however, it is always a good practice to verify the preassembly and ensure that all components are securely fastened. Refer to Figure 1 for the preassembled state. For inspection procedures, refer to section 5.0 Inspection and Maintenance in this manual.

Once correct preassembly has been verified and inspection is completed, return components to their storage bags until needed for rescue.

Fig. 1



**Preassembled
Premium System**

**Preassembled
Standard System**

4.2 Premium and Standard Rescue Kit Installation and Use Procedures

⚠ WARNING

Rescuer(s) must execute employer's prescribed emergency rescue plan.

This instruction manual provides important information pertaining to the installation, use, inspection and maintenance of the QuickPick Rescue Kit only. It does not address emergency response procedures to be followed, which are employer established and site specific. It is the employer's responsibility to ensure that all employees are familiar with the site emergency rescue plan and are trained on safe rescue practices and the use of prescribed rescue equipment.

NOTE: The following installation and use instructions assume the QuickPick Rescue Kit is preassembled and inspected, so that it is ready to use in a time-critical rescue.

Installation and Use

1. Select an anchorage point that meets all anchorage requirements.
2. If the preassembled QuickPick system cannot be directly connected to the anchorage, select and install an anchorage connector that is suitable for the application, is compatible with the anchorage and meets all anchorage strength requirements.

The QuickPick Rescue Kit includes a cross-arm strap, which is an easily installed anchorage connector suitable for a variety of anchorages. To install, simply wrap the cross-arm strap around the anchorage point in a choking manner and pass the D-ring through the web loop (see Fig. 2 or 3). The cross-arm strap can be wrapped as many or as few times as needed to achieve the desired length anchorage connector for the application.

NOTE: If another Honeywell-approved anchorage connector is used, be sure to follow the instructions supplied with the device at the time of shipment for proper installation.

Fig. 2 - Premium



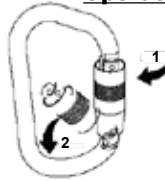
Fig. 3 - Standard



3. Install the QuickPick system to the anchorage/anchorage connector using the attached carabiner (see Fig. 2 or 3 & Fig. 4). Always visually check that the carabiner gate is completely closed and locked.

Fig. 4

**Auto-Locking Carabiner
Operation & Installation**



1. Twist carabiner gate as shown.
2. Open gate inward and make connection within the rescue system as required.
3. Release the gate making sure that it closes completely and locks.

WARNING! The carabiner must be installed in such a way that the opening action cannot be duplicated by contact made with an object it is connected to or has the potential to come in contact with. Make sure that the carabiner is positioned so that its gate is never load bearing.

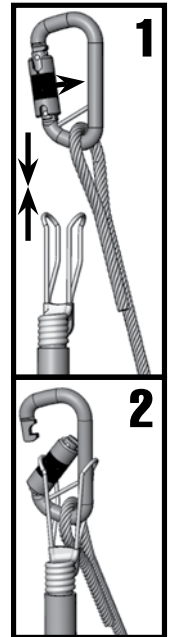
4. Open the gate of the captive-eye carabiner with attached pigtail and install it into the pole carabiner clip (see Fig. 5 & 6).

NOTE: When the carabiner with pigtail is installed properly, the pigtail will be centered in the carabiner clip as shown, so that it does not interfere with the smooth release of the carabiner from the clip when the suspended worker's back D-ring is hooked.

Fig. 6



Fig. 5



5. Then connect the pigtail to the carabiner on the lower pulley (see Fig. 7).

NOTE: The installation of the pigtail will help facilitate the retrieval of the fallen worker.



Fig. 7

6. Secure the rescue pole to your wrist using the WristBandit Tool Lanyard (see Fig. 8) to ensure that the pole will not fall should you lose your grip. Simply wrap the velcro strap around your wrist and cinch the lanyard cord tight around the pole.

Fig. 8

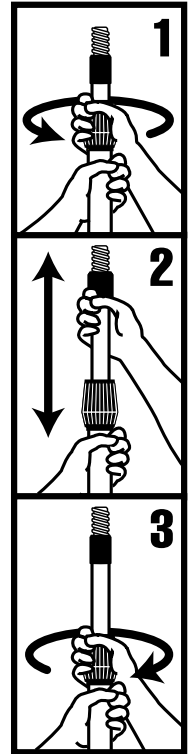


7. Loosen threaded collars on rescue pole and extend pole as needed (see Fig. 9) to be able to reach the suspended person. Once required length is achieved, tighten threaded collars.
8. Feed the rope through the backup braking system (premium kit) or upper pulley (standard kit) while carefully applying pressure downward with the rescue pole to reach the suspended worker. Hook the open carabiner into the back D-ring of the fallen worker's harness (see Fig. 10) and apply a quick pull to the rescue pole to release the carabiner from the carabiner clip. Unhook the WristBandit and set rescue pole aside.

Fig. 10



Fig. 9



9. Install the rope control handle to the free end rope extending from the backup braking system (premium kit) or upper pulley (standard kit) (see Fig. 11 & 12). To do this, open the safety catch lever and the rope release lever. While holding the levers completely open, insert the free end rope into the rope guide travel housing and release levers. Check that rope control handle is securely installed and that the safety catch lever is in the closed position such that it will not allow the rope release lever to open completely. (The rope release lever will still manually open partially as intended to allow the rope control handle to slide on the rope.)

NOTE: *The rope control handle should only be used for arm extension-length movements of the rope, approximately 3-5 feet at a time. If the handle were accidentally released, the backup braking system (premium kit only) will automatically lock up within inches to minimize free fall or accidental descent. If the handle were accidentally released when using the standard kit, the suspended person would only descend the distance between the rope control handle and the pulley. The free fall will be arrested when the rope control handle hits the pulley.*

Fig. 11

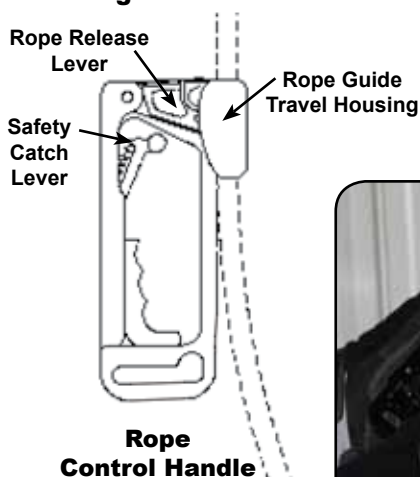


Fig. 12



10. Using the rope control handle, the suspended worker can now be raised or lowered to safety (see Fig. 13).

CAUTION: While performing the ascent and descent operations, always ensure that the slack has been taken up before continuing with the next procedure to eliminate the potential for free fall or accidental descent.

To raise: Grip the free end rope below the rope control handle with one hand and apply enough tension to hold the suspended worker. With the other hand, depress the rope release lever and slide the rope control handle toward the backup braking system (premium kit) or upper pulley (standard kit). Release the rope lever, and using the rope control handle, pull downward to raise the suspended worker. Then readjust the position of the hand on the free end rope to just below the rope control handle, eliminating any rope slack, and repeat procedure as necessary until the person has been raised to safety.

Fig. 13



Fig. 14



NOTE: The premium kit is shown in the above photos; however, users of the standard kit can still reference these photos and follow the same procedures. Refer to the written text in step 10 for operational differences with regard to the premium and standard kits.

To lower: In order to lower the suspended worker to safety, the person must first be raised slightly in order to disconnect his/her personal fall arrest system. Follow the procedure above to raise the worker. Before disconnecting the worker's connecting device, secure the rope control handle against the backup braking system (premium kit) or upper pulley (standard kit) to eliminate any potential for accidental descent (see Fig. 14). Then disconnect the suspended worker's connecting device from the anchorage/anchorage connector or harness back D-ring, whichever is more easily accessible. If it is disconnected from the anchorage/anchorage connector, it must then be attached to one of the rope lines between the red and black pulleys (see Fig. 14) to retain the connecting device so that it will not inadvertently drop and strike the suspended person (Note: In this procedure, the snap hook will fall to the lower pulley, but will not hit the worker or interfere with the operation of the system.)

To lower the worker to safety, grip the free end rope with one hand and apply enough tension to hold the suspended worker. With the other hand, depress the rope release lever. Then allow the rope to slide through your hand and the rope control handle in a controlled manner until the worker reaches the lower level safely.

NOTE: Should it be necessary at any time during the rescue procedure to temporarily suspend the person or hold the person stationary to free the rescuer's hands, simply secure the rope control handle against the braking system (premium kit-see Fig. 14) or upper pulley (standard kit). In this way, the rope control handle will prevent the suspended worker from descending.

5.0 Inspection and Maintenance

Inspection

Miller QuickPick Rescue Kits must be inspected by the user before each use and additionally by a Competent Person other than the user at least annually. Because time is critical in a rescue situation, the user's employer must include provisions within their emergency rescue plan to ensure that the rescue equipment is properly inspected, stored and maintained in the ready-to-use condition.

QuickPick Rescue Kits Inspection Criteria	Inspection Required by User	Inspection Required by Competent Person
For a Properly Stored, Unused System or a System Used in Training ...	✓ Before each use	✓ At least annually
For a System Used in an Emergency Rescue Situation ...	REMOVE FROM SERVICE IMMEDIATELY*	✓ REMOVE FROM SERVICE IMMEDIATELY*

**When a system is removed from service after being used in an emergency rescue situation, it must be marked as "unusable" until a Competent Person fully inspects the system and determines that it can be returned to service.*

IMPORTANT: If the backup braking system in the Premium QuickPick Device is engaged multiple times due to use in rescue and/or in training exercises, a Qualified Person must determine if the unit should be returned to the manufacturer (or an authorized service center) for inspection.

Inspection Steps

1. Inspect all components for misaligned, bent, cracked, distorted, worn, malfunctioning or damaged parts; loose fasteners or missing parts/components; deterioration; corrosion; or any other indications of damage/problems that may affect the integrity and operation of the system.
2. Inspect the entire length of rope lifeline, the rope pigtail and the webbing cross-arm strap for cuts, burns, fraying, kinking, broken/pulled stitches, severely abraded areas, visual environmental/chemical effects, excessive wear or any other indications of damage/problems that may affect the integrity of the rope and webbing components.
3. Inspect carabiners (and other hardware elements) for damage, distortion/deformation, corrosion, sharp edges, or pitted surfaces. The carabiner gate should seat into the nose without binding and should not be distorted or obstructed. The gate locking mechanism must prevent the gate from opening when closed.
4. Inspect for the absence or illegibility of markings and labels.
5. Ensure that all components within the system are functioning smoothly, properly and only as intended by the manufacturer. Test the backup braking system (premium kit) by applying a sharp pull to the lifeline. The brake must engage.
6. Inspect for any evidence of a condition that calls to question the suitability of the equipment for its intended purpose. If in doubt, contact the manufacturer.

If inspection reveals a defect in condition or operation, the system must be removed from service immediately! * *

****NOTE:** *When a system is removed from service due to failing inspection, it must be marked as "unusable" and either disposed of in a manner to prevent inadvertent further use or returned to the manufacturer (or an authorized service center) for evaluation.*

Cleaning and Storage

Basic care of your QuickPick Rescue Kit will prolong the life of the system and will contribute toward the performance of its vital safety function. Periodically clean the device, lifeline and other kit components with water and a mild detergent to remove any dirt, paint, corrosives, contaminants, or other materials that may have accumulated. The device should be positioned so that all excess water drains out. The lifeline and other components must be allowed to naturally air dry. Do not force dry with heat sources. The rescue kit should be stored in a dry, cool and clean environment and protected against UV irradiation. Storage areas should be free of exposure to fumes, acids, corrosive elements, oils, heat sources or other degrading elements. Rescue equipment must be stored in a clearly marked area and be readily accessible for rescue purposes.

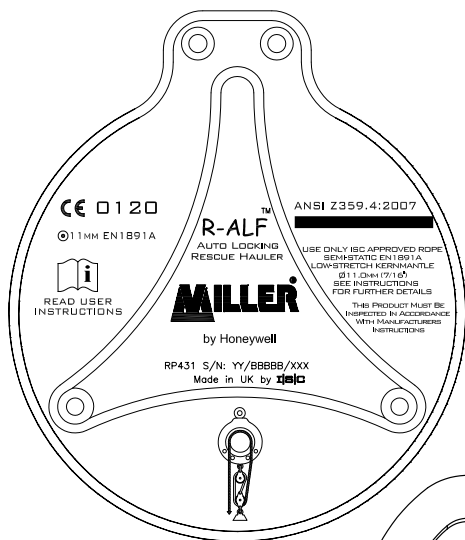
Servicing

Servicing must be carried out only by Honeywell Safety Products or by a service center authorized, in writing, by Honeywell. A record log of all servicing and inspection dates for this system must be maintained. Only original Miller replacement parts are approved for use in this system. Non-repairable devices must be disposed of in a manner to prevent inadvertent further use. Contact Honeywell Technical Services at 800.873.5242 if you have any questions.

Product Labels

Étiquettes de Produit

Etiquetas del Producto

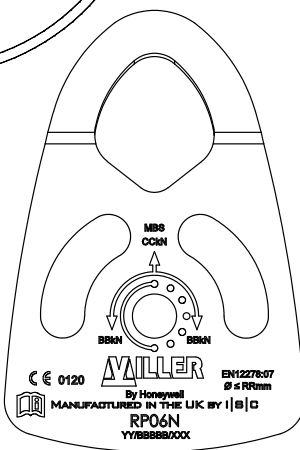


LB1206 Rev. A

Part Number: xxxxxx

Date of Manufacture: xx/xx/xx

Phone: 1-800-873-5242



Part # QP-RHA

Date of Manufacture: xx/xx/xx

1-800-873-5242 LB1210

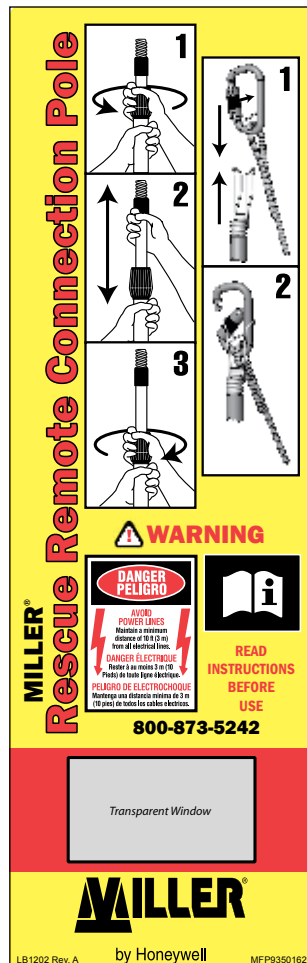
LB1207 Rev. A

Part: xxxxxx

Date of Manufacture: xx/xx/xx

Phone: 1-800-873-5242

Max. Capacity: 310 lbs. (140.6kg)



LB1202 Rev. A

by Honeywell

MFP9350162

Part # QP-EP

Date of Manufacture: xx/xx/xx

1-800-873-5242

LB1209

Miller QuickPick™

RESCUE

LB1203 Rev. A / MFP9345420

Registro de Inspección y Mantenimiento

DATE OF MANUFACTURE:

DATE DE FABRICATION / FECHA DE FABRICACIÓN

MODEL NUMBER:

NUMÉRO DE MODÈLE / NÚM. DE MODELO

DATE PURCHASED:

DATE D'ACHAT / FECHA DE COMPRA

INSPECTION DATE DATE D'INSEPTION FECHA DE INSPECCIÓN	INSPECTION ITEMS NOTED POINTS NOTÉS LORS DE L'INSEPTION PUNTOS DE INSPECCIÓN RELEVANTES	CORRECTIVE ACTION ACTION CORRECTIVE MEDIDA CORRECTIVA	MAINTENANCE PERFORMED ENTRETIEN EFFECTUÉ MANTENIMIENTO REALIZADO
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
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by Honeywell

Toll Free: 800.873.5242

Fax: 800.892.4078

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