

SpanSet®

**CLIMA VERTICAL LINE
INSTRUCTIONS**

Height Safety
Lifting
Load Control
Safety Management

GB

CLIMA Vertical Line Instructions



The CLIMA Vertical Line is an assembly of individually CE approved components each certified to the relevant European Norm. The whole kit has been designed to meet the requirements of EN 353-2:1992.

SpanSet recommends that where possible all PPE be personal issue. Where it is not practical to individually issue PPE measures should be taken to ensure that ALL users have access to the instruction for use. All users should be aware of the maintenance history and inspection regime for the equipment.

The CLIMA Vertical Line should only be used by trained and competent persons, or whilst under direct supervision of such a person. Before use some consideration should be given to how any rescue could be safely and efficiently carried out.

FITTING INSTRUCTIONS

Ensure that all equipment / components used within the system are compatible before use, always thoroughly inspect all components before and after fitting, pay particular attention to the operation of the connectors. The CLIMA Vertical Line should only be used with a full body harness complying with EN 361. Note that this kit is designed as a Fall Arrest system only, it should not be used as a method of suspension for work.

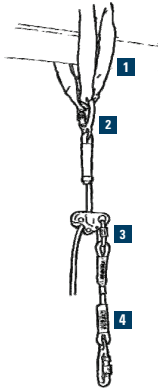
Ensure the following when selecting an anchorage point, it should:-

- Be above the user.
- Be able to withstand a force of at least 10kN.
- Not allow the rope to come in contact with sharp or abrasive edges.

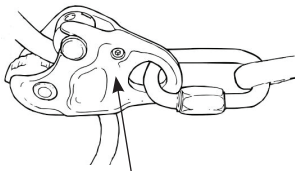
The proper way to connect to an anchorage such as an eyebolt is via the captive karabiner at the end of the rope.

For structures, girders etc the Attachment Sling supplied should be placed around the structure then linked into the captive karabiner.

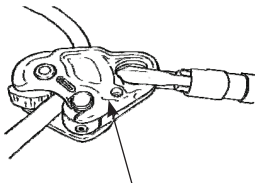
- Fig 1** - Attachment Sling
- Fig 2** - Captive Karabiner
- Fig 3** - BUDDY Device
- Fig 4** - Connecting Lanyard



The connecting lanyard can be used with either orientation. With the Mallion Rapide attached to the BUDDY = this will captivate the BUDDY on the rope, leaving the karabiner to make an easy attachment to the users harness.



Position of locking screw in use



Position of locking screw when not in use

(The buddy is also supplied with a locking screw that can be used to further captivate the device onto the rope.)

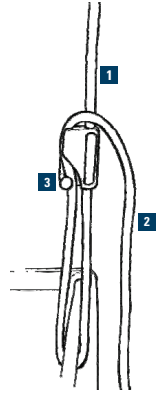
With the Maillon Rapide attached to the users harness; this will keep the lanyard with the user and leave the BUDDY free to be removed and then replaced onto the rope as required.

To ensure smooth operation of the system the rope can be tensioned using the rope cleat captivated on the end of the rope. The cleat should be moved to the appropriate position on the rope and then secured as shown in the diagram. The rope should only be hand tensioned no additional force is required.

Fig 1 - Tensioned rope running to anchor point

Fig 2 - Unused end of rope

Fig 3 - Tensioning Rope Cleat



The CLIMA Vertical Line is marked:-

KIT NUMBER: This is taken from the serial number of BUDDY fall arrest device and appears on the rope and the lanyard.

SERIAL NUMBERS: Each component has its own unique serial number

MFG: The year of manufacture.

The necessary minimum clearance below the user's feet is 3m. This is the arrest distance of the system plus an additional metre to cover displacement of a full body harness and clearance below the feet of the user after arrest.

WARNING: WHEN USING ROPE LENGTHS OVER 10M YOU MUST ACCOUNT FOR THE STRETCH IN THE ROPE WHEN CLIMBING. THIS MAY BE UP TO 10% OF THE ROPE LENGTH ABOVE THE USER.

In order to minimise any fall distances when stopped or working, position the BUDDY device as high on the rope as possible.

Additional or replacement rope and other components must be acquired from SpanSet The device may only be used on a SpanSet approved and supplied rope.

STORAGE AND TRANSPORTATION

The Kit is supplied in a protective bag; this should be used for storage to prevent damage.

All equipment should be stored and transported in the following manner:

- To prevent contact with sharp objects.
- Away from harmful substances.
- In a cool dry place free from direct sunlight.

INSPECTION AND EXAMINATION

Keep these instructions or a copy with the CLIMA Vertical Line to aid future inspection, and examination. The equipment must be given a visual and tactile inspection when delivered to site/works, and before every use. Current European Standards state at least every 12 months this kit should be inspected by a competent person, and the results recorded. However UK guidance (BS8437) states and SpanSet recommends recorded inspection by a competent person every 6 months.

Particular attention should be paid to the following-

METAL-WARE Inspect for signs of damage/distortion/corrosion, and correct operation & locking of connectors.

ROPE* Examine for any signs of wear/ abrasion, including interstrand wear, unravelling, extension and fusion.

Local abrasion as distinct from general wear may be caused by the passage of the rope over sharp edges or protrusions while under tension and may cause serious loss of strength. Slight damage to outer fibres and occasional yarn may be considered harmless but any reduction in diameter of the rope or serious distortion to the sheath pattern should lead to rejection. All Personal Protective Equipment should be immediately removed from service after being subjected to any shock, or if in any doubt about its condition. (See list above)

The CLIMA Vertical Line may be cleaned if required. Cleaning should be carried out as detailed in the individual product instructions which follow. Before cleaning the potential effect of chemical contamination should be considered. If in doubt contact SpanSet.

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