

USER INFORMATION

User Information shall be provided to the user of the product. NFPA Standard 1983 recommends separating the User Information from the equipment and retaining the information in a permanent record. The standard also recommends making a copy of the User Information to keep with the equipment and that the information should be referred to before and after each use.

Additional information regarding life safety equipment can be found in NFPA 1500, *Standard on Fire Department Occupational Safety and Health Programs*, and NFPA 1983, *Standard on Life Safety Rope and Equipment for Emergency Services*.

USE

The 3D Descender allows the user to control a wide range of loads by varying the path of the rope through the device as well as increasing and decreasing the space between the bars to control friction.

It is important that before commencing a lowering operation all bars and horns be engaged and the descender be securely tied off. After loading the system, slowly untie the descender and begin with the maximum friction obtained by having the rope running over at least two of the horns. See opposite page for rigging diagrams.

When rigging the descender, always make sure that the center bar is securely engaged to the frame and the locking button is fully extended to the end of the center bar. The center bar should not disengage from the frame without depressing the locking button. To prevent roll-out, only use locking carabiners.

INSPECTION

Inspect the equipment according to your department's policy for inspecting life safety equipment. The equipment should be thoroughly inspected after each use by an inspector that meets your department's training standard for inspection of life safety equipment. Record the date of the inspection and the results in the equipment log or on a tag that attaches to the equipment. Each user should be trained in equipment inspection and should inspect the equipment before each use.

Inspect the equipment for cracks, sharp edges, dents, corrosion, burrs or excessive wear. Minor nicks or sharp spots may be smoothed with emery cloth. If any of the above is noted, or if the equipment has been subjected to shock loads, fall loads, or abuse other than normal use, remove the equipment from service and destroy it. If there is any doubt about the serviceability of the equipment, remove the equipment from service and destroy it.

The service life of equipment used for rescue depends greatly on the type of use and the environment of use. Because these factors vary greatly, a precise service life of the equipment cannot be provided.

MAINTENANCE

Clean and dry this equipment after each use to remove any dust, debris, and moisture. During use, carrying, and storage keep the equipment away from acids, alkalis, and strong chemicals. Do not expose the equipment to flame or high temperatures. Store in a cool, dry location. Do not store where the equipment may be exposed to moist air, particularly where dissimilar metals are stored together.

REPAIR

All repair work shall be performed by the manufacturer. All other work or modifications will void the warranty and releases CMC Rescue, Inc. from all liability and responsibility as the manufacturer.

SAMPLE LOG

The sample log suggests records that should be maintained by the purchaser or user of rescue equipment.

Equipment Inspection and Maintenance Log			
Item _____ # _____		Date in Service _____	
Brand/Model _____		Strength _____	
Date	How Used or Maintained	Comments	Name

IMPORTANT INFORMATION - PLEASE READ AND SAVE



3D

Made in USA
of US and foreign components



WARNING

- **SERIOUS INJURY OR DEATH MAY RESULT FROM THE IMPROPER USE OF THIS EQUIPMENT.**
- **THIS EQUIPMENT HAS BEEN DESIGNED AND MANUFACTURED FOR USE BY EXPERIENCED PROFESSIONALS ONLY.**
- **DO NOT ATTEMPT TO USE THIS EQUIPMENT WITHOUT PRIOR TRAINING.**
- **CMC RESCUE RECOMMENDS ALWAYS USING AN INDEPENDENT OR SELF-BELAY WHEN WORKING ON ROPE.**
- **THOROUGHLY READ AND UNDERSTAND ALL LABELS AND INSTRUCTIONS BEFORE USE.**
- **USE, INSPECT AND REPAIR ONLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.**



THIS DESCENT CONTROL DEVICE MEETS THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2012 EDITION.

EMERGENCY SERVICES AUXILIARY EQUIPMENT
IN ACCORDANCE WITH NFPA 1983 – 2012.

- **RATED FOR TECHNICAL USE (T) Ø 9.5mm - 13mm, MBS 13.5 kN (3,034 lbf)**
- **RATED FOR GENERAL USE (G) Ø 13mm, MBS 22 kN (4,946 lbf)**

THIS DESCENT CONTROL DEVICE HAS PASSED THE MINIMUM BREAKING STRENGTH AND HOLDING LOAD TEST USING THE FOLLOWING ROPE:
TEUFELBERGER FIBER ROPE CORP, KMIII, CMC PART# K05120, 9.5mm.
TEUFELBERGER FIBER ROPE CORP, KMIII, CMC PART# K05160, 13mm.

(KMIII USED FOR CERTIFICATION. FOR INFORMATION ON PERFORMANCE WITH OTHER LIFE SAFETY ROPES, PLEASE CONTACT CMC RESCUE)

CMC Rescue, Inc.

6740 Cortona Drive, Goleta CA 93117

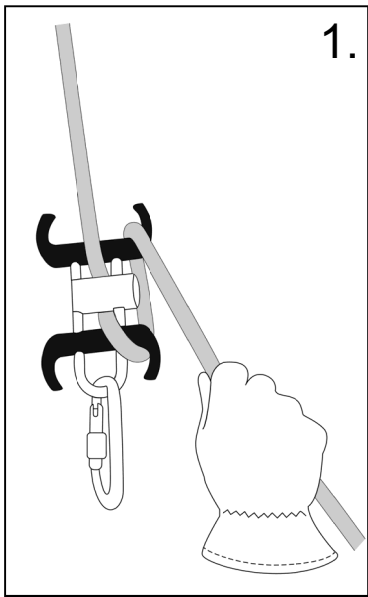
USA

805-562-9120 / 800-235-5741

cmcrestuce.com

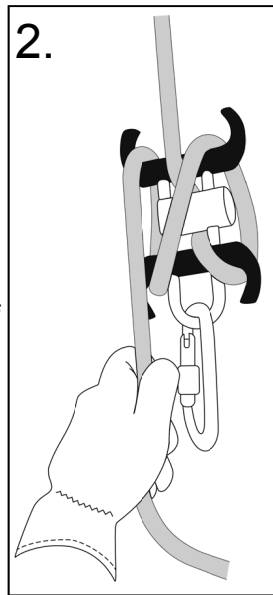
ISO 9001 Certified

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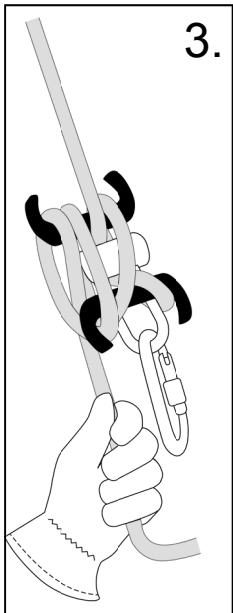
1.

For rappel applications, or for lowering light to moderate loads, the rope should engage the top and bottom horns as shown in the photo.



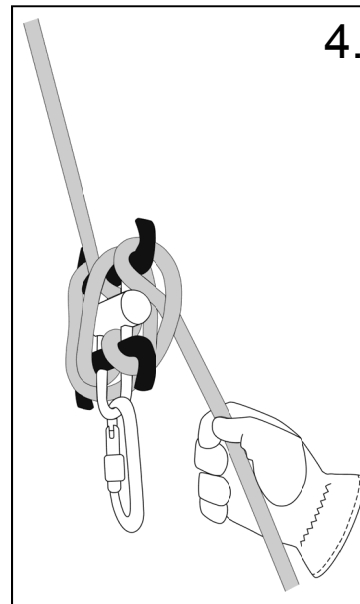
2.

For maximum friction, cross the rope over and engage the top and bottom horns on the opposite side of the descender. We recommend this reave prior to tying off the descender.



3.

The descender can be tied off by securing a half-hitch around the top horn.



4.

Alternatively, the descender can be tied off by crossing over and securing a half-hitch on the right side horn.

⚠ WARNING

Ensure center bar locking button is fully extended to end of center bar prior to placing a load on the 3D. If the button is not fully extended the center bar is not locked!

