WARNING

YOU COULD BE KILLED OR SERIOUSLY INJURED IF YOU DO NOT READ AND UNDERSTAND THE USER INSTRUCTION BEFORE USING THIS PIECE OF EQUIPMENT

SPECIAL TRAINING AND KNOWLEDGE ARE REQUIRED TO USE THIS EQUIPMENT.

YOU MUST THOROUGHLY READ AND UNDERSTAND ALL MANUFACTURER'S INSTRUCTIONS BEFORE USE.

USE AND INSPECT THIS EQUIPMENT ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

THIS SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 2500.

MEETS THE DESCENT CONTROL DEVICE REQUIREMENTS OF NFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFPA 2500.

THESE DESCENT CONTROL DEVICES HAVE PASSED THE MANNER OF FUNCTION AND HOLDING LOAD TESTS USING THE FOLLOWING ROPES:

Part No.	Name	Rope Ø	Rating**
NFPA12870x	Rescue 8 w/ ears	11-16mm	G-22kN
NFPA12870x	Rescue 8 w/ ears	9.5-12.5mm	T-13.5kN
Blue Water Ropes SafeLine 9.5mm* PMI Hudson Classic Professional 16.0mm*			

Part No.	Name	Rope Ø	Rating**
NFPA12650x	Escape 8	7.5-9.5mm	E-13.5kN
PMI Element 7.5mm* Bluewater Ropes Safeline 9.5mm*			

*Also performs using similar technical brand ropes.

**As tested by Manufacturer

BEFORE USE

The techniques employed in the proper and safe use of this equipment may only be learned through PERSONAL instruction received from an instructor who is well-qualified in all phases of vertical rope work. Such instruction will include an evaluation of your comprehension of, and ability to perform, the tasks required to safely and efficiently use this equipment.

Never attempt its use until you have received such instruction and are believed competent by your instructor.

Do not expose the rope or webbing used with the descent control device and any other software to flame or high temperatures and carry the equipment where it will be protected as it could melt or burn and fail if exposed to flame or high temperatures.

INSPECTION FOR USE

Visually and by touch, inspect this Descent Control Device for cracks, distortion, corrosion, scratches or gouges, sharp edges or rough areas that might abrade a rope. Compare this Descent Control Device with a new model if necessary to determine its condition. Remove it from service if there is any doubt about its safety or serviceability.

MAINTENANCE AFTER USE

Carefully clean and dry this Descent Control Device to remove all dirt, foreign material & moisture. Minor sharp edges may be smoothed with a fine abrasive cloth before cleaning. Store in a clean, dry place. Repair the the Descent Contol Device only in accordance with the manufacturer's instructions.

REMOVAL FROM SERVICE

If this Descent Control Device has been dropped, impact loaded, exposed to heat sufficient to alter its surface appearance, any part appears deformed, cracked, or gouged of more than a superficial nature, this Descent Control Device should be removed from service or returned to the manufacturer. The cost for the manufacturer to inspect and repair a Descent Control Device will likely exceed the cost of its replacement with a new model.

ADDITIONAL INFORMATION

Additional information regarding Descent Control Devices can be found in the following publications:

NFPA 1858 and NFPA 1983 , incorporated into the 2022 edition of NFPA 2500

NFPA 1500

LIMITED WARRANTY

SMC products are warranted to the original retail purchaser in accordance with the full Statement of Limited Warranty printed on our web site, www.smcgear.com. Items that are claimed to be defective must be returned under a pre-assigned Return Authorization/CC Number and should include a detailed description of the conditions existing during use of the item, the place and date of the original purchase as well as a copy of the original invoice or receipt. Items being sent in for inspection may or may not be returned if the product in question is deemed potentially unsafe or non-functional.

If you do not completely understand any of the outlined user Instruction provided on this sheet or if you have any questions please contact SMC at 360-366-5534 or info@smcgear.com.

128712J

Information for your permanent records:

Date of Purchase: _____

Purchased From: _____

Part Number: _____

RECORDS

It is suggested that the user of this Descent Control Device keep a permanent record listing the date and results of each usage inspection. Such record should show, as a minimum, inspection for all of the following conditions:

- Cleanliness
- Dryness
- Freedom from scratches, gouges and sharp edges
- Freedom from corrosion
- Freedom from distortion
- User Information sheet present

USE OF THIS USER INFORMATION SHEET

It is suggested that this User Information sheet be retained in a permanent record after it is separated from the Descent Control Device, and that a copy of it be kept with the Descent Control Device.

It is suggested that the user refer to this User Information sheet before and after each use.

RIGGING FIGURE 8

Figure 8 rigged for normal use

Single Rope

Twin Rope

TIE – OFF METHOD

Step 1 - Bring tail of rope behind Figure 8

Step 2 - Form a long bight from the rope tail and bring it across the front of the Figure 8

Step 3 – Form an overhand knot around the Figure 8

Step 4 – The loop of the overhand knot should finish towards the bottom of Figure 8

ALTERNATE RIGGING METHODS

Single rope double wrap - use when the need for additional friction or control is anticipated.

Single rope high friction - use when more friction or control is needed and it is not feasible to stop and rig a double wrap.

RIGGING ESCAPE 8

The Escape 8 has been tested and approved by UL using personal escape rope, as defined by NFPA 1983, with a single wrap as shown in Fig. A and when additional friction is needed, using a double wrap as in Fig. B. Proper personal instruction and training is necessary to insure that the appropriate amount of friction is achieved for your application.

Fig. A

Fig. B

LIFESPAN

The service life of a Descent Control Device is largely dependent on the type of use and the environment used in. Under moderate use, with limited exposure to moisture, salt water, corrosive agents, excessive loads, shock loading and excessive wear, Descent Control Devices may last many years. However, many events such as taking a large dynamic load, dropping, or other events which cause physical damage, can reduce the lifespan of this Descent Control Device dramatically.

You must inspect your Descent Control Device frequently and take personal responsibility for evaluating its condition and retiring unsafe gear. Inspection is extremely important, but visual inspection only will not assure that damage has not occurred. If history of the Descent Control Device is unknown or if based on the history of the use of this Descent Control Device there is any doubt regarding the safety of this Descent Control Device, it should be removed from service. You should destroy retired gear to prevent future use.

User Instructions

S|M|C

Quality Gear for Life

DESCENT CONTROL DEVICE

MEETS THE DESCENT CONTROL DEVICE REQUIREMENTS OF NFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFPA 2500

Made in the USA by
Seattle Manufacturing Corporation
6930 Salashan Parkway
Ferndale, Washington 98248
800.426.6251 | www.smcgear.com