

# ADAPTABLE VERTICAL RESPONSE RACK

REV051723

A-VRR

## Versatility to scale up or scale down

The Adaptable Vertical Response Rack was designed meet and exceed full-spectrum operational vertical requirements for urban through mountain / canyon access, rescue, and evacuation variables. The kit capabilities were driven utilizing NFPA 1006 (Operations & Technician Level) JPR's (Job Performance Requirements) and the KPP's (Key Performance Parameters) within the USSOCOM SOF CASEVAC Program framework. The A-VRR kits organic versatility allows it to be scaled up to meet all relevant JPR's (Job Performance Requirements) for complex team access and/or rescue or be scaled down for a "fast & light" mission specific assault configuration. P-A-C-E (Primary, Alternate, Contingency, and Emergency) methodology was engineered throughout the kit design, enabling multiple options for progressive capture and rope grab capabilities depending on the environmental pathology.



## Features:

- Haul / Mechanical Advantage Capability – Multiple simple, compound and complex configurations ranging from a 2:1 through 9:1
- Full spectrum Friction Configurations for Rappels, Bail-outs, And One or Two Person Lowering Systems
- Traditional and Mechanical Advantage assisted Ascending Techniques
- Multiple Basic and Anchor Configurations to Include Contingency and Releasable Systems
- Load Transfer Capabilities to include Knot Passing on Rappel and within a system and casualty Pick-Offs

## Kit Contents:



Online Video Available

← Scan to View



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## Specifications:

Packaged Dimensions: W 12 in. x D 15 in.  
Packaged Weight: 3.25 lbs

## A-VRR

Item#

90-5000



# A-VRRR

REF 90-5000

ADAPTABLE VERTICAL  
RESPONSE RACK

REV03312020  
ZZ-1213

## CAPABILITIES

### HAULS

- ✓ 2:1
- ✓ 3:1 Z-Drag
- ✓ 4:1 Compound
- ✓ 5:1 Simple
- ✓ 5:1 Complex
- ✓ 6:1 Compound
- ✓ 9:1 Compound

### RAPPELS & LOWERS

- ✓ Mult. Friction Configurations
- ✓ Ability to add friction "on the fly"
- ✓ Modes: Canyon, Standard, Vertaco, Throttle, Auto- Bloc, Twin, TR Belay
- ✓ Simple Lock-Off

### ASCENDING

- ✓ Traditional
- ✓ 3:1
- ✓ 2:1 Team Assist
- ✓ DLCB

### ANCHOR CONFIGURATIONS

- ✓ Loop
- ✓ Basket
- ✓ 1 & 2 Point LSA
- ✓ Contingency: Rig to Lower (RTL) Rig to Raise (RTR)
- ✓ Releasable (Multiple Configs)

### LOAD TRANSFERS

- ✓ RTR & RTL Conversions
- ✓ Knot Pass on Rappel
- ✓ Knot Pass within a System
- ✓ Pick-Off: Individual Rescuer Team Rescue

### MISC.

- ✓ Edge Restraint
- ✓ Guided Rappel Tensioning
- ✓ Adjustable tensioning for high tensioned systems
- ✓ Skate-Block Techniques
- ✓ Tensioned Line Break



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