

Eureka!
RDS™
 Rapid Deployable System

FAST FACTS



Superior Tactical Deployment

The RDS can withstand impact of weighted items stored on top of it, when it is in its packed state. It has a self-contained frame system, which enables the user to reduce embarkation equipment and storage containers. It does not require structural support during transportation, which enhances the speed of operational readiness. In addition, the Eureka! RDS has the ability to store and stage on tactical vehicles such as the Amtrak, 7 Ton Trucks, Helicopters and many other transport vehicles used by the Armed Forces.

Fast, Easy, Versatile and Durable . . . Beyond Compare!

The RDS-695 is designed to exacting standards. It was dropped in location and rolled in place, then set up by a 4-person team without any damage. In fact, operations using the RDS were recognized as having the ability to reduce the number of personnel required to erect the tent, reduce the footprint of the convoys due to the pack out state of the frame and consistently be under canopy in under 14 minutes.

No Ropes or Guylines Depicts a Well-Designed Structure

The use of external lines and ropes was not needed to support the RDS. Reports from the field have commented that extra ropes and guylines are one of the present problems in the field as well as a safety issue. We don't have that problem. The RDS does NOT require any ropes or guylines.

Other Eureka! Military Tent Products



MGPTS Type III
 (Modular General Purpose Tent System)



COMBAT TENT
 (2-man Marine Combat Tent)



TCOP
 (Tent, Combat One-Person)

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Eureka!
RDS™



Rapid Deployable System



RDS - Rapid Deployable System

FAST:

- Set up with 4-5 people and mission ready in under 14 minutes
- Perfect for first responders medical and surgical suites, Command Post, logistics, operations center, billeting, food service and other remote base operations

EASY:

- Patent-pending frame system provides easy installation with no overhead lifting
- Unique plenum design does not require adjustment or modification to change ECU ports

DURABLE:

- No extra snow load or wind kits needed
- Truss style frame for rugged, durable system
- Tested and PASSED rigorous testing at Aberdeen Proving Ground

VERSATILE:

- Comes standard with TEMPER vestibule adapter, passive continuous air ventilation system and stove pipe vents



RDS Frame Package

The fabric is nestled between the frame and hub components. (notice the compact design)



Eureka! RDS™

RDS-480 • RDS-635 • RDS-695



Features

- Mission-ready in just minutes for first responders, medical and surgical suites, Command Post, logistics, operations center, billeting, food service and other remote base operations
- Passive continuous air ventilation system, proven performance on the MGPTS
- All RDS-480 and RDS-635 components are compatible and interchangeable; some also compatible with RDS-695
- Detachable end walls allow all models to complex together
- Comes standard with TEMPER vestibule adapter allowing easy complexing with other shelters
- Fully integrated floor and liner system
- Stove pipe vents standard on all models

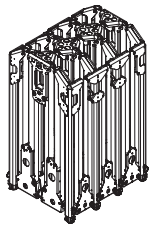
Frame

- Truss style frame for rugged, durable system
- Does not require overhead lift
- Synchronized gear system - based on a Hoberman invention - for fast, easy set up
- Rapid set up with simple locking pin design
- Frame built with 6061-T6 aluminum
- System gears designed using specially formulated Zytel(R) GFN and reinforced with aluminum for strong, lightweight system (RDS-695 uses 6061-T6 aluminum gears)
- Withstood testing of 50 sets and strikes at Aberdeen Proving Ground plus ADDITIONAL 50 during testing in Binghamton - and remained operational for more

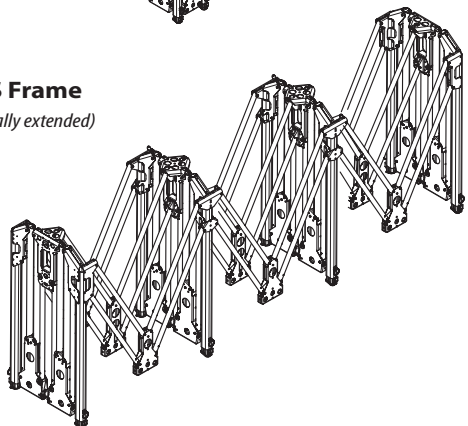
Skin

- PVC coated, high tenacity polyester fabric that meets all performance requirements for MIL-PRF 44103 for strength, opacity, weather resistance and durability in any operating environment
- Radio Frequency welding techniques to form a stronger, waterproof seal on the tent body
- Unique plenum design does not require adjustment or modification to change ECU ports
- Replaceable windows
- Doors all complete with single zippered entry for ease of use
- All doors equipped with standard TEMPER vestibule adapters
- Available in Camouflage Green or Desert Tan

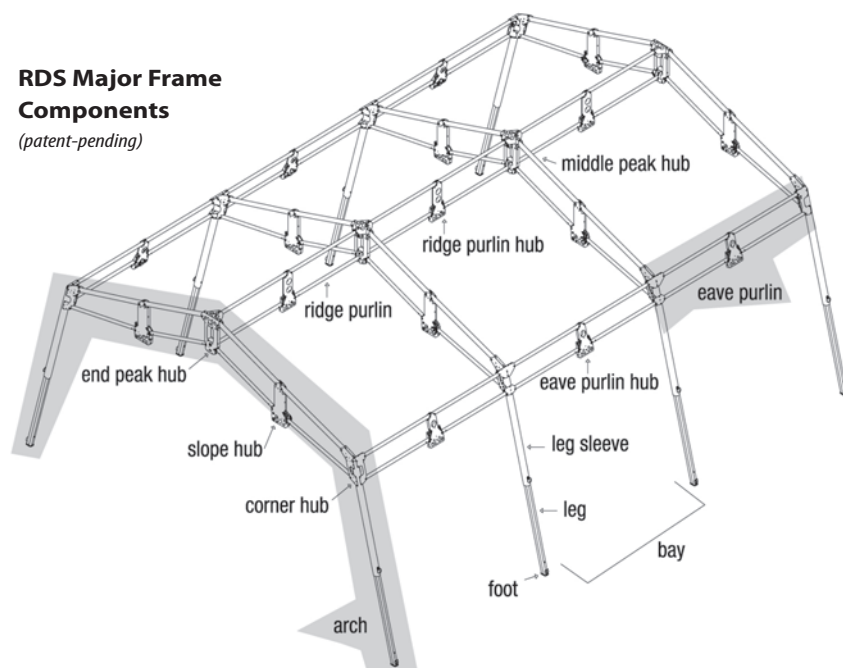
RDS Frame
(self-contained)



RDS Frame
(partially extended)



RDS Major Frame
Components
(patent-pending)



Dry, Tough, Fast by Design

Aberdeen Proving Ground is the most diverse, rigorous test site utilized by the Department of Defense - if a tent product stands up to (and exceeds) the harsh testing and elements thrown at it during these tests, you can rest assured that this tent is made to meet the challenge.

The RDS is a system designed to meet the entire spectrum and mission of the field operations of all branches of the United States Armed Forces.

And, the RDS meets the following performance requirements:

- Snow Load: 10 lbs. per square foot
- Wind / Rain: Sustained winds of 55/65 mph; 2" per hour
- Durability: Exceeded requirements of 50 sets & strikes (and remained operational for more)

PASSED

The RDS requires NO SPECIAL KITS for snow, wind or rain load

Warranty

Eureka! warrants that the RDS tent is free from defects in material and workmanship for **three years** from the in-service date except as qualified below:



- Not responsible for normal wear and tear
- Defect caused by accident, abuse, alteration, misuse or improper care
- Not liable for incidental or consequential damages

If, after inspection, we find that a product failed due to a manufacturing or material defect, we will repair or replace the product, at our option, without charge.



SPECIFICATIONS

Model Name	RDS-480	RDS-635	RDS-695
NSN Tan:	8340-01-541-0101	8340-01-550-3834	8340-01-541-0102
NSN Green:	8340-01-540-9981	8340-01-550-3900	8340-01-541-0008
Width (without liner):	20'	20'	23'6"
Length (without liner):	24'	31'9"	29'6"
Area (usable):	458 sq. ft.	612 sq. ft.	667 sq. ft.
Eave Height (interior):	6'11"	6'11"	6'11"
Peak Height (without liner):	10'6"	10'6"	11'
Minimum Site Area Required:	20' x 24'	20' x 31'9"	23' 6" x 29'6"
Pack Size (Frame & Fabric):	65" x 42" x 36"	65" x 52" x 36"	75" x 42" x 36"
Pack Size (Liner, Floor, Repair Kit):	24" x 60" x 12"	24" x 60" x 12"	24" x 60" x 12"
Weight (Frame & Fabric):	534 lbs.	615 lbs.	694 lbs.
Weight (Liner, Floor, Repair Kit):	144 lbs.	175 lbs.	175 lbs.
Total System Weight:	678 lbs.	790 lbs.	869 lbs.
ECU Ducts:	2 sets	2 sets	2 sets
Windows:	4	6	4
Stove Pipe Vents:	2	2	2
Doors:	4	4	4
Personnel Required:	4	5	4
Set Up Time:	6-12 minutes	6-12 minutes	8-14 minutes
Snow Load:	----- 10 lbs. per sq. ft. -----		
Wind/Rain:	----- Sustained winds of 55 / 65 mph; 2" per hour -----		
Durability:	----- Exceeded requirement of 50 sets and strikes -----		