Superior Tactical Development
The RDS withstands 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. No structural support required during transportation, enhancing the speed of operational readiness. In addition, the Eureka! RDS is able 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. During tests, it was dropped in location and rolled in place, then set up by a 4-person team without any damage. In fact, units reduced the number of personnel required to erect the tent, reduced the footprint of the convoys due to the pack out state of the frame and consistently be under canopy in under 14 minutes.

Well-Designed Structure
External lines and ropes are not needed to support the RDS. Operators in the field comment that extra ropes and guylines are a hazard while using shelters. The RDS eliminates that problem.

SET UP
- Superior Tactical Development
- Fast, Easy, Versatile and Durable... Beyond Compare!
- Well-Designed Structure

Set up with 4-5 people and mission ready in minutes
Perfect for Command Post, remote base operations, operations center, logistics, billeting, food service, first responders, medical suites, and more
Patented frame system provides easy installation with no overhead lifting
Unique plenum design does not require adjustment or modification to change ECU ports
No extra snow load or wind kits needed
Truss style frame for rugged, durable system
Meets or exceeds MILSPEC rigorous testing at Aberdeen Proving Ground
Comes standard with attached TEMPER vestibule adapter and passive continuous air ventilation system
**RDS Frame**

**FEATURES**
- Mission-ready in just minutes for Command Post, Logistics, operations center, first responders, medical and surgical suites, billeting, food service and other remote base operations.
- Passive continuous air ventilation system, proven performance.
- All RDS-480 and RDS-635 components are compatible and interchangeable; some also compatible with RDS-695.
- Detachable end walls allow all models to come together.
- Detachable side walls allow for different pack configurations.
- Comes standard with attached TEMPER vestibule adapter for easy complexing with other shelters.
- Fully integrated floor and liner system.

**FRAME**
- Trust style frame for a rugged, durable system.
- Overhead lift not required.
- Synchronized gear system - based on a Hoberman invention — for fast, easy set up.
- Rapid set up with simple locking pin design.
- Operationally ready after 50 sets and strikes at Aberdeen Proving Ground.
- Fully integrated floor and liner system for easy complexing with other shelters.
- Comes standard with attached TEMPER vestibule adapter for easy complexing with other shelters.
- Available in O.D. Green or Desert Tan.

**SKIN**
- PVC coated, high tenacity polyester fabric that meets all performance requirements for MIL-PRF 44103 for strength, black out, weather resistance and durability in any operating environment.
- Radio Frequency welding techniques forms 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 attached standard TEMPER vestibule adapters.

**RDS FRAME**

**Frame Components**
- RDS Major (patented)
- Peak hub
- End hub
- Sun hub
- Ridge hub
- Corner hub
- Leg hub
- Arch
- Purlin
- Leg sleeve
- Ridge purlin
- Coner purlin
- Middle peak hub
- Ridge purlin
- Sun purlin
- Side purlin
- Arched purlin

**RDS Major Frame Components (patented)**

**SELF CONTAINED**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>RDS-150</th>
<th>RDS-480</th>
<th>RDS-635</th>
<th>RDS-695</th>
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<tbody>
<tr>
<td>NSN Green</td>
<td>8340-01-540-9960</td>
<td>8340-01-541-0010</td>
<td>8340-01-550-3834</td>
<td>8340-01-541-0102</td>
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<tr>
<td>NSN Tan</td>
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<td>8340-01-541-0101</td>
<td>8340-01-550-3930</td>
<td>8340-01-541-0103</td>
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<tr>
<td>Width (without floor)</td>
<td>10' 1&quot;</td>
<td>20'</td>
<td>20'</td>
<td>20'</td>
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<tr>
<td>Height (without floor)</td>
<td>11'</td>
<td>11'</td>
<td>11'</td>
<td>11'</td>
</tr>
<tr>
<td>Area (usable)</td>
<td>4' x 10' x 10'</td>
<td>4' x 20'</td>
<td>4' x 20'</td>
<td>4' x 20'</td>
</tr>
<tr>
<td>Eave Height (interior)</td>
<td>6' 11&quot;</td>
<td>6' 11&quot;</td>
<td>6' 11&quot;</td>
<td>6' 11&quot;</td>
</tr>
<tr>
<td>Minimum Site Area Required</td>
<td>100 sq ft</td>
<td>200 sq ft</td>
<td>200 sq ft</td>
<td>200 sq ft</td>
</tr>
<tr>
<td>Pack Size (Frame &amp; Fabric)</td>
<td>20' x 20'</td>
<td>40' x 20'</td>
<td>40' x 20'</td>
<td>40' x 20'</td>
</tr>
<tr>
<td>Weight (Frame &amp; Fabric)</td>
<td>20 lbs</td>
<td>20 lbs</td>
<td>20 lbs</td>
<td>20 lbs</td>
</tr>
</tbody>
</table>

**WEIGHT**

| Weight (Liner, Floor, Repair Kit) | 90 lbs | 210 lbs | 251 lbs | 250 lbs |
| Weight (Frame & Fabric) | 20 lbs | 20 lbs | 20 lbs | 20 lbs |
| Total System Weight | 297 lbs | 599 lbs | 726 lbs | 700 lbs |

**Durability**
- Exceeded performance requirements:
  - Snow Load: 10 lbs. per square foot (without additional kit)
  - Wind / Rain: Sustained winds of 55-65 mph; 2" per hour (without wind/guy lines)
  - Durability: **EXCEEDS** requirements of 50 sets & strikes (and remained operational for more)
  - The RDS requires NO SPECIAL KITS for snow, wind or rain load.

**R.D.S. 150**

**Features**
- Fully integrated floor and liner system for easy complexing with other shelters.
- Comes standard with attached TEMPER vestibule adapter for easy complexing with other shelters.
- Available in O.D. Green or Desert Tan.
- All doors equipped with attached standard TEMPER vestibule adapters.
- Doors all complete with single zippered entry for ease of use.
- Replaceable windows.

**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.

**DRY, TOUGH, FAST BY DESIGN**

Aberdeen Proving Ground is the most diverse, rigorous test site utilized by the Department of Defense — when 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 of mission for field operators of all branches of the United States Armed Forces.

And, the RDS meets the following performance requirements:
- Snow Load: 10 lbs. per square foot (without additional kit)
- Wind / Rain: Sustained winds of 55-65 mph; 2" per hour (without wind/guy lines)
- Durability: **EXCEEDS** requirements of 50 sets & strikes (and remained operational for more)

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