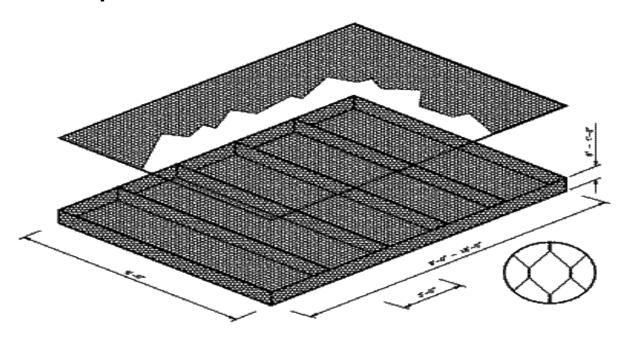
# **Terra Aqua Gabion Mattress Standard Sizes**



## **Terra Aqua Reno Mattress Standard Sizes:**

Reno mattress unit size	Capacity cubic yard No. of internal cells	
9'x6'x6"	1	3
12'x6'x6"	1.333	4
9'x6'x9"	1.5	3
12'x6'x9"	2	4
9'x6'x12"	2	3
12'x6'x12"	2.666	4

<sup>\*</sup>Unit sizes are listed length x width x depth.

## Terra Aqua Reno Mattress Custom Jumbo Sizes:

Reno mattress lengths	Reno mattress widths	Reno mattress depths
15', 18', 21', 24', 27', 30'	3', 6'	6",9",1'

<sup>\*</sup>Tolerances- All custom reno mattress dimensions shall be within a tolerance limit of plus or minums 5% of the manufacturers stated dimensions.

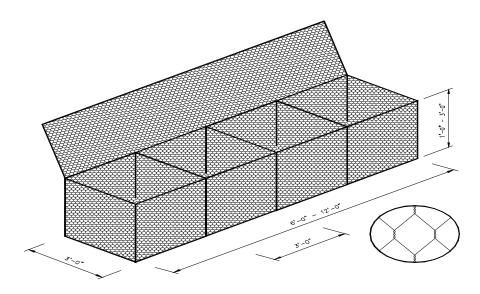
<sup>\*</sup>Custom jumbo reno mattress units are available with unit or roll top lids.



<sup>\*</sup>Tolerances- All reno mattress dimensions shall be within a tolerance limit of plus or minus 5% of the manufacturers stated dimensions.

<sup>\*</sup>Standard reno mattress units are available with unit or roll top lids.

# Terra Aqua Gabion Unit Standard Sizes:



Terra Aqua Gabion Unit Standard Sizes: Custom Jumbo Sizes Available

Gabion unit size	Capacity Cubic Yards	No. of Internal Cells
6x3x3	2	2
9x3x3	3	3
12x3x3	4	4
6x3x1.5	1	2
9x3x1.5	1.5	3
12x3x1.5	2	4
6x3x1	.666	2
9x3x1	1	3
12x3x1	1.33	4

 $\it Tolerances$ : All gabion dimensions shall be within a tolerance limit of plus or minus 5% of the manufacturers stated dimensions.

## Minimum Strength requirements of Terra Aqua Double Twisted Mesh Gabions

<u>Test Description</u>	Galvanized/Galfan Gabion	Pvc Coated Gabion
Tensile strength of wire	3500 lbs/ft	2900 lbs/ft
mesh parallel to twist		
Tensile strength of wire	1800 lbs/ft	1400 lbs/ft
mesh perpendicular to twist		
Connection to selvedges	1400 lbs/ft	1200 lbs/ft
Panel to Panel	1400 lbs/ft	1200 lbs/ft
Punch strength of mesh	6000 lbs/ft	5300 lbs/ft

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# **SOLUTIONS WE SUPPLY**

#### **GEOSYNTHETICS**

Filter Fabrics

Stabilization Fabrics

## Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

#### **Specialty Fabrics**

## **Composite Geomembranes**

• GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

#### **SEDIMENT CONTROL**

#### **Inlet Protection**

· Grated Inlet, Curb Inlet, Area Inlet Protection

#### **Ditch Checks**

- · Triangle Silt Dike
- GeoRidge

#### **Perimeter Protection**

- · High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

#### Flocculants & Water Treatment

Polymer-Based & Natural Flocculants

## Sediment Basin Skimmers

**Dewatering Bags** 

#### **Trackout Control**

- FODS
- Rumble Grates

## **Turbidity Curtains**

#### **EROSION CONTROL**

#### **Basic Hydraulically Applied Mulches**

- Wood
- Paper
- Blends
- Straw

### **High-Performance Hydraulically Applied Products**

- FGM
- Additives & Tackifiers

#### **Temporary Erosion Control Blankets**

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

## **Permanent Erosion Control Blankets**

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

#### Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- · Grout-Filled Geotextile Mats

#### Vegetation Establishment

- · Native Seed & Turf Seed
- Fertilizers
- · Organic Soil Additives
- Stratavault Soil Cells

## STORMWATER MANAGEMENT

#### Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- · High-Flow Biofiltration Media
- · Hydrodynamic Separators
- Stratavault

## Water Ouantity

- · Modular Underground Storage Systems
- Chamber Detention Systems

### Drainage

- HDPE Swale Liner
- Pipe & Fittings
- · Drainage Composites
- Strip Drain

### **Inlet Structures**

- PVC
- · Drain Basins, In-Line Drains
- Landscape

## Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- · Gravel Pavers
- Concrete Pavers

#### **SPECIALTY**

Natural & Synthetic Coir Fiber Logs **Vegetated Reinforced Soil Slopes** Soil Anchors **Root Barrier System** AquaBlok Muscle Wall

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