CALHOUN

OUR STRENGTH IS IN OUR STRUCTURE


160' x 516' VP SERIES


110' x 120' VP SERIES

160' x 516' VP SERIES

I FRAC SAND I

calhounsuperstructure.com

OUR STRENGTH IS IN OUR STRUCTURE

We design and engineer fabric structures site-specific to your unique location. Critical to the performance and reliability of your building. Essential to the longevity of your investment.

ENGINEERED TO LAST

Our fabric covers are made from high-density HDPE fabric, and our steel frame is hot-dipped galvanized to ensure durability and longevity. You can have confidence that you'll get long-term performance from our facilities that is essential to the fracking industry.

CORROSION RESISTANT

Our metal framing and trusses are hot-dipped galvanized steel, making our structures corrosion-resistant. The galvanized steel increases your structure's durability and longevity and ensures you have a reliable structure to keep operations running. Even in demanding conditions or extreme elements, our durable structures protect your materials and reduce maintenance costs to increase profitability.

FREE SPAN INTERIOR

Our clear-span interiors increase the usable storage space in your structure. If you store frac sand in a structure with pillars, the sand will collect at the base of the pillars, making it difficult to use all of your product. Without interior pillars, you have more room for storing sand and moving in the space. This feature is essential to maximizing your storage facility.

SUPERIOR VENTILATION

Our frac sand storage solutions are designed for maximum airflow, creating an optimal environment for your applications. The thermally non-conductive fabric helps keep the temperature steady, maintaining a drier environment and preventing moisture buildup while your supplies are in storage.

FULLY CUSTOMIZABLE

Our team will engineer an effective fabric structure for your frac sand storage needs. We will analyze the potential building site, local climate and various other factors to create the most effective structure for your operation. Our team will work with your specifications and use a standard or custom layout that allows your operation to run efficiently.



140' x 192' VP SERIES

200' x 432' VP SERIES

OUR DEALER NETWORK

Our trusted dealer network spans North America and beyond, providing local expertise to support your project from quote to install. From initial ideation to warranty submission and post-install service, they are with you throughout the entire process.

25 YEAR WARRANTY

Like shingles on a roof, years of wear and tear from the elements will require you to repair or replace the fabric. While the steel framework in a fabric building can last generations, it is an industry-standard expectation that the fabric cover will eventually need to be replaced.

Calhoun Super Structure is proudly backed by our own proprietary industry-leading 25-year warranty through our Elite FR and Non-FR fabric. For our standard FR and Non-FR fabric, we offer a 15-year warranty on every building kit including the steel framework.



WE UNDERSTAND FABRIC

What sets Calhoun apart is our specialized analysis that models how fabric behaves under load. Using nonlinear finite element analysis, we accurately assess environmental forces on your structure - never relying on assumptions or treating fabric like rigid steel.

Our fabric is made of engineered high-density polyethylene (HDPE) fabric, known for its high strength-to-density ratio. HDPE fabric is treated with ultraviolet stabilizers to protect it from UV rays and other harsh weather conditions.. This prevents the fabric membranes from weakening or breaking down, adding years to life for your fabric cover.

Available colours:

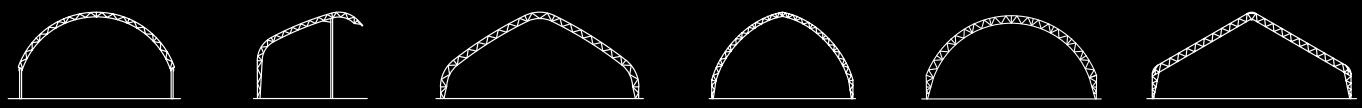
We also offer two fabric cover installation options depending on the size and budget of your structure: Bag Cover System (standard for CC, SE, GB Series), or Keder Panel System (standard for HT, CC+, VP Series).

When Keder Panel System is used, our Rubber Gasket Protection System is used between the aluminum keder track and hot-dip frame to prevent corrosion and wear. Calhoun is the only company that offers this level of detail and protection on their fabric covers.

Key Features:

- Can exceed 150 mph winds
- Can exceed 300 lbs per square foot snow load
- Up to 16% translucency on Non-FR fabric and 19% translucency on FR fabric
- The first Membrane Structure Fabric in the world to achieve Cradle to Cradle (C2C) Bronze Level Certification, through one of our fabric partners, NovaShield.

AVAILABLE PROFILES



CC Series *22'-72' Wide*

SE Series *30'-62' Wide*

GB Series *32'-72' Wide*

HT Series *50'-82' Wide*

CC+ Series *80'-100' Wide*

VP Series *50'-250' Wide*

OUR PROCESS

Investing in a fabric structure doesn't happen everyday. Here's how Calhoun makes it easy.

1. Connect With Us

However you choose to connect with us, simply tell us what you need. It helps if you have an idea of approximate size and mount style, and whether you require ends or not. We'll take care of the rest!

2. We Assess The Details

Once we have an idea of what you need, Calhoun Super Structure digs deeper into your specific request including custom dimensions, fabric options, window and door options, ventilation systems, and any other particulars such as insulation liners.

3. Final Quote

We put all the pieces together and send you a proposal for your project. If you wish to obtain fabric samples, we can do that too! Once you approve, our engineers get to work.

4. Site-Specific Review

Here is where we employ or unique 3D Nonlinear FEA site-specific review to build you the strongest, most reliable fabric building for your specific location. This ensures structural integrity of your fabric building.

5. Fabrication & Shipping

Once the steel framework has been hot-dip galvanized and the fabric produced, your new fabric building is ready to go. Shipping times can vary depending on the size and scope of your project, but generally your fabric structure can be manufactured and delivered in less time than a conventional building.

6. Installing Your Calhoun Super Structure

Calhoun Super Structure offers end-to-end service to install your new fabric building. If you wish to install the fabric building yourself, that is okay too. We can guide you through the process.

7. Post-Installation Service

Your new fabric structure should be assessed with a maintenance check after the first six months and then every year thereafter. Should you need a repair or re-cover down the road, we do that too.

CALHOUN

APPLICATIONS

Frac Sand Storage

Equipment Storage

And More!



SCAN TO VISIT WEBSITE

NEED A RECOVER?

Whether you have an existing Calhoun fabric structure or another brand of fabric structure, Calhoun has the expertise, materials, and tools necessary to recover your fabric building.

No matter the level of damage, repair, building application, size, or brand, Calhoun offers full-service fabric structure recovers in-house, and installation through our extensive dealer network.

DESIGN | CUSTOM-ENGINEERING | SITE-SPECIFIC ANALYSIS | MANUFACTURING | INSTALLATION | PROJECT MANAGEMENT | REPAIRS & RECOVERS | ADD-ONS & EXTENSIONS

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cwbregistration CWB CERTIFIED CSA A660

AWS CWF CERTIFIED WELDING FABRICATOR