The Sky's the Limit

With Morton Buildings Aircraft Hangars

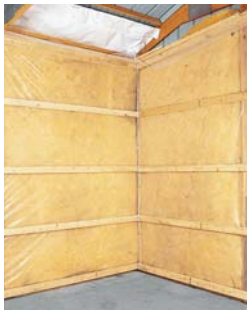
54' x 12' x 56' • #3784/#131-0820

MORTON BUILDINGS®

Progressive installation of a corner section of the Energy Performer insulation system

View of corner section before insulation

Add blankets of insulation and air deflector



Add vapor retarder and nailers

Add Morton Buildings' optional Hi-Rib™ acoustical steel panel at the top of the sidewall

Finished view showing the ceiling enclosed with our optional Hi-Rib acoustical steel

Superior Efficiency

Morton's exclusive Energy Performer® insulation system provides superior condensation control and insulation. Wide blankets of insulation are used in the walls of your hangar while blow-in insulation is used in the ceiling to provide high thermal ratings. A vapor retarder creates a seal, preventing moisture from getting inside the outside walls while still allowing for adequate ventilation. All windows and doors are also properly sealed to keep air infiltration to a minimum, creating an interior climate that can be properly maintained while remaining cost-effective. The Energy Performer package provides several features including:

1. Walls nearly 9 inches thick with 6 inches of insulation. (With the option to add more/thicker insulation.)
2. Wide blankets of insulations vs. only 14 ½ inches in standard stud wall construction.
3. Polyethylene vapor retarder is carefully installed to keep insulation dry and reduce infiltration and heat loss by creating a seal. HVAC, electricity and plumbing can also be run inside the vapor retarder without cutting holes or breaking the seal.
4. Fully ventilated attic provides condensation control, resulting in dry insulation, which is more effective.
5. 15 ½ inch truss heels allow full depth, blown-in ceiling insulation with a rating of R-38 or greater (ENERGY STAR® compliant)*, with the option to add more insulation to obtain an overall average rating up to R-60, and air space for attic ventilation.
6. Sidewall fiberglass blanket insulation provides a true R-19. By using thicker walls and more insulation, a greater R-Value can be achieved.

**An R-Value rating is a standard measure of thermal resistance. The more difficult it is for heat to pass through the insulation, the greater the R-value.*

Energy Performer not only saves you money by reducing your heating and cooling bills, it also gives your building a finished look. Exposed insulation can tear, reducing the value of the insulation and making the interior of a building look worn; with Energy Performer, your insulation is protected.

54' x 13' x 60' • #3437/#144-0278

Invest in Your Aircraft

Whether flying planes is your hobby or business, Morton Buildings hangars provide a quality structure that keeps your investment safe and out of the elements. Whether you want a hangar for your crop duster, glider, helicopter, biplane, military aircraft or commercial airliner, Morton Buildings has the experience and resources to handle your project from concept through completion.

Traditional aircraft hangars are steel-framed buildings that are difficult to insulate and even worse to heat and cool. The steel acts as a thermal conductor that transmits heat and cold from the outside to the inside, which means it is not only inefficient, it is also very difficult to maintain constant temperatures. Another issue with traditional hangars is condensation. Condensation can form in steel-framed buildings leaving your aircraft, engine, and building instruments vulnerable to rust or deterioration due to build-up.

However, there is a better way to store your aircraft that allows for an efficient, low-maintenance, quality hangar. Morton Buildings aircraft hangars are built using naturally insulating wood-framing and Morton's exclusive Energy Performer® insulation system.

"Everyone that I've come in contact with at Morton has been truly exceptional. From the salespeople to the people who are on the job. They know what they're doing."

Peter F. • Fletcher, NC

48' x 13' x 45' • #2841/#131-0180

Efficient, low-maintenance interior

60' x 17' x 60' • #3164/#155-0079

54' x 18' x 60' • #3560/#87-3857

48' x 10' x 63' • #3848/#28-0827

Protect Your Investment

Morton hangars are designed to withstand hurricane strength winds and meet local load requirements. In fact, Morton stands behind its commitment to quality with the strongest, non-prorated warranty in the industry. Your Morton hangar is protected by a 50 year snowload warranty with no weight limit and a 5 year windload warranty with no wind velocity limit so you can be confident your aircraft will be safe when you are done flying for the day.

Morton Buildings understands you need a dependable, functional hangar where you can be confident storing your aircraft. That's why we have nearly limitless features and options to choose from to ensure your building works for you now, and for years to come. One of the most important and most used components of your hangar is your door. Morton works with many different door manufacturers to ensure that the building is constructed to fit the door you want. Morton hangars can accommodate bi-fold, sliding, hydraulic, swing, overhead and accordion door configurations. Another functional feature you may consider for your building is Morton's acoustical steel. Morton's exclusive Hi-Rib™ acoustical steel is one of the most efficient sound insulation systems in the construction industry. Installed in a band around or in the ceiling, Hi-Rib acoustical steel allows sound waves to pass through sound-absorbent materials in the wall and ceiling cavities, which significantly improves the sound quality in your hangar.

Morton also offers options to achieve the look you want for your new hangar. From overhangs and wainscot to porches, cupolas and even additional living quarters, Morton can bring your vision of the perfect hangar to life.

60' x 16' x 60' • #3830/#96-3117

Custom Interiors

"What's so nice about working with our sales consultant is that you give him an idea of what you want and he says, 'I can take those ideas and expand on them.' And they have such a wonderful engineering program to where they will go out and draw up a building...They just don't build a building that fits everyone; they personalize the building so it fits your needs."

David J. • Butler, IL

48' x 14' x 64' • #3571/#62-4425

81' x 21' x 81' • #3361/#136-1811

Features and Options

Hydraulic Doors

One-piece hydraulically operated doors in a wide variety of sizes ranging from 10' x 10' to 80' x 22'.

Bi-fold Doors

A variety of sizes available up to 70' wide.

Hi-Rib Acoustical Steel

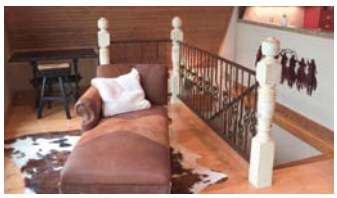
Hi-Rib™ acoustical interior steel allows sound waves to pass through the sound-absorbent materials in the wall and ceiling, providing a quieter, more controlled environment.

Wainscot

Add style and protection to your building with wainscot. A variety of finishes available.

Porch

Add visual interest and outdoor living space to your hangar with a porch. Various lengths and widths available.

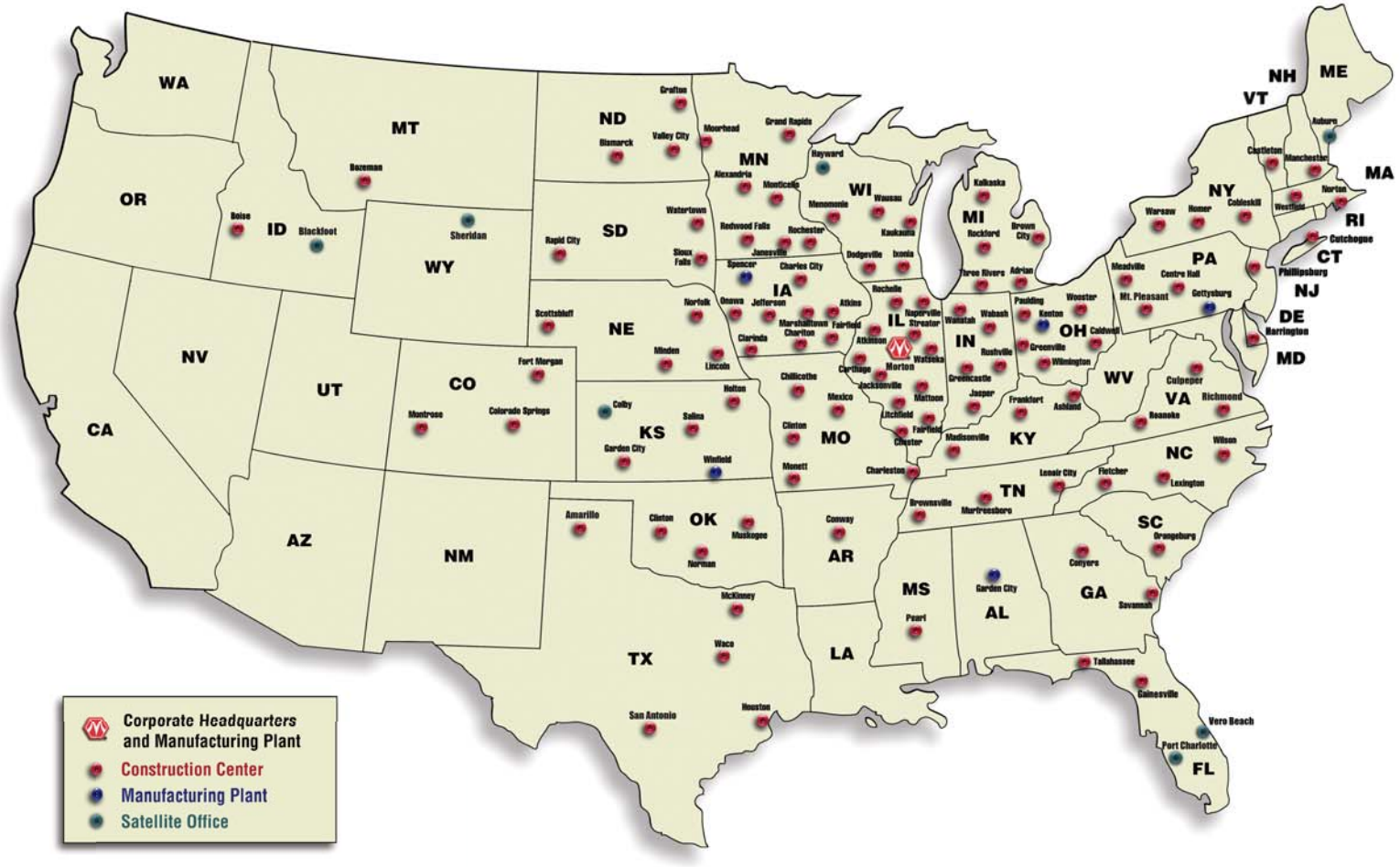


Loft

Add storage or living space with a loft.

Building Across The Nation

With company-owned construction centers strategically located throughout the United States, there's a Morton Buildings sales consultant nearby to serve you. For pricing information and to receive additional detailed information about our buildings, contact Morton Buildings today!



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