STARRCO

PRE-ASSEMBLED PORTABLE BUILDINGS

Selection

Starrco has been providing Pre-Assembled Buildings since 1965. Our success and growth is built on our steadfast commitment to innovation, technology and our unparalleled customer service. We always seek better, faster and more economical ways to design, engineer and manufacture portable buildings. With our network of factory-trained distributors, supported by our St. Louis staff, we complete projects on time and on budget.

- Kiosk
- Airport Taxi Dispatcher
- Parking Booth
- Toll Booth
- Security Guard House
- Airport Rental Car Office
- Portable Office
- Ticket Booth

Engineering Specifications

Starrco's pre-assembled buildings are designed to provide years of maintenance free service. The structural members are either anodized aluminum or steel with a rust retardant finish. Walls, ceiling and floor have a solid impact resistant core with a durable aluminum or vinyl covered finish. Windows and sliding doors are aluminum finish, swing doors are commercial grade steel.

The model number of the building indicates its approximate size. (i.e. Model #46 is 49" wide x 78" long). The overall height of the building will be a nominal 90" with an interior height of 82".

STRUCTURAL

The loading characteristics of the buildings are:
Snow Load: 30 PSF • Wind Load: 30 PSF • Floor Load: 50 PSF

FRAMEWORK

Structural members for corners are 3" x 3", 1/4" aluminum angle. Structural members between panels are 4" x 2 -1/2", 3/16"aluminum "T" extrusion. Top frame will be 2 -1/2" x 2 -1/2", 3/16" aluminum angle. All aluminum structural members will be 6063 alloy, T6 temper, anodized with 202R1 clear finish.

PANELS

Wall panels are a minimum 3/4" thick sandwich construction. Exterior of panel is smooth white painted aluminum laminated to high density OSB board. Panel interior will be 1/8" gray vinyl covered hardboard. Panels will be caulked with a urethane sealant and fastened to structural members with plated screws.

CEILING

Ceiling panels are a minimum 3/4" thick sandwich construction. Interior of panel is 1/8" white vinyl covered hardboard laminated to high density OSB board. Top of panel will have an aluminum vapor barrier.

FLOOR/BASE

The building base will be 4" structural steel channels, welded, with stringers on maximum 24" centers. Base includes forklift pockets. Steel channels will be painted with a rust inhibitive paint. Sub-flooring is two layers of 5/8" OSB board with aluminum vapor barrier laminated underneath. Finished floor will be commercial grade seamless vinyl.

ROOF

On buildings 4' wide or less, the roof will ship installed on the building. Installed roof consists of .060" EPDM membrane laminated to ceiling panels with aluminum gutters on all four sides. On buildings larger than 4' wide, roof consists of corrugated V-shaped aluminum pans. Perimeter of roof will be anodized aluminum gutters and fascia trim. Roof is shipped knocked-down, ready for on-site assembly by others.

WINDOWS

Windows will be single sliding aluminum with locking device. Sliding sections are glazed with 1/8" clear tempered safety glass. All window framing is anodized aluminum with 202R1 clear finish.

Advantages

- Buildings are shipped fully assembled, ready for immediate use.
- All buildings are custom designed to meet your specific application.
- Full support capabilities, including initial layout and design.
- Buildings are designed with an electrical package that includes lights, switches, outlets and a circuit breaker box.
- Aluminum extrusions and exterior wall panels are more durable, with no rust or corrosion.
- Buildings can be fitted with forklift pockets for easy relocation.
- Optional equipment, finishes and colors allow you to order exactly what you need.

Options

All Starrco pre-assembled buildings can be custom fitted to meet a variety of needs. Available options include:

- Air Conditioning and Heating
- Exterior Lighting
- Thermal Insulation
- Custom Painted Exterior
- Special Glazing (Tinted, Insulated, Polycarbonate, etc…)
- Countertops and Shelving
- Standard or Thru-Wall Cash & Transaction Drawers
- Aluminum Tread plate Flooring

Order Information
Ordering standard sizes from this catalog saves you time.

CLASS NAME		MAXIMUM PARTICLE SIZES	
Model Number (Hinged Door)	Exterior Dimensions	Weight	Included Lighting
43	49”x 42”x 90”H	500 lbs.	1-20w
46	49”x 78”x 90”H	720 lbs.	2-40w
48	49"x 96"x 90"H	875 lbs.	4-40w
56	60”x 78”x 90”H	875 lbs.	2-40w
66	78”x 78”x 90”H	1000 lbs.	2-40w
68	78”x 96”x 90”H	1275 lbs.	4-40w
88	96”x 96”x 90”H	1600 lbs.	4-40w
810	96"x 120"x 90"H	1900 lbs.	4-40w
812	96"x 143"x 90"H	2250 lbs.	6-40w
1012	120”x 143”x 90”H	2880 lbs.	6-40w
(Sliding Door)			
43-1	49”x 42”x 90”H	650 lbs.	1-20w
46-1	49”x 78”x 90”H	750 lbs.	2-40w

DOORS (Swinging)

Door will be a commercial grade 3068 20ga. steel with a 1/8” tempered safety glass window in top half. Door includes 1-1/2” pair of 4-1/2” x 4-1/2” ball bearing hinges and a stainless steel key-in-knob lockset. Door will be mounted on a painted aluminum door frame with wool pile weather strip. Door is painted white.

DOORS (Sliding)

Door will be 6068 aluminum patio sliding type. Doors will be glazed with 3/16” tempered safety glass in upper section and have a solid panel in lower section. Keyed locking device with pull handle is included. All door parts are a painted aluminum finish. Buildings with a model number ending with “-1” indicate two sliding doors are included on the long walls.

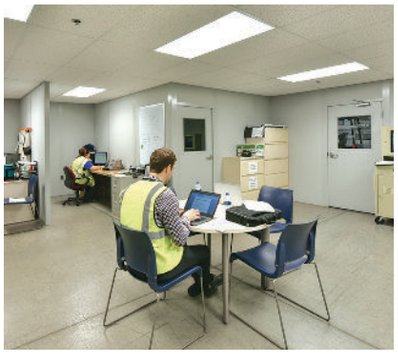
ELECTRICAL

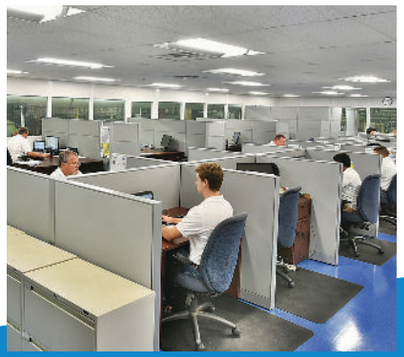
Pre-wired electrical package includes one 125v duplex receptacle, one 230v single receptacle, fluorescent lighting, and one 125 amp circuit breaker box. All electrical components and wiring conform to National Electrical Code.

About Starrco

Everything we do is designed with uptime in mind, from the initial quote to the final installation. We make sure all the pieces come together with precision and personable customer service. Established in 1965, we have a legacy of product excellence and loyalty to our customers and distributors.

In addition to our pre-assembled portable buildings, we manufacture modular office solutions; Starrguard safety guard rail systems; cleanrooms and grow rooms.





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STARRCO

Revolutionizing Interior Construction