

# ***SheltersDirect***

**"first choice"**

## **Prefabricated Aluminum & Steel Equipment Enclosures**



Contract Holder

### **Providing Superior Products At A Competitive Price With On-Time Delivery**

- Pump Enclosures
- Equipment Shelters
- Compressor Cabinets
- Storage Sheds
- Filter System Cabinets
- Valve Cabinets
- Hazardous Materials Storage
- Telecommunications Storage



## O P T I O N S

- |                     |   |                    |
|---------------------|---|--------------------|
| STANDARD FLOORS     | BACKDRAFT LOUVERS                             | DOUBLE DOORS       |
| CONTAINMENT FLOORS  | INSULATION                                    | LOCKING MECHANISMS |
| PIPING PENETRATIONS | HVAC SYSTEMS                                  | ELECTRICITY        |
| EXHAUST FANS        | ROLL UP DOORS (Rolling Steel or Garage Style) | WINDOWS            |

# STANDARD BUILDING SPECIFICATIONS

### ALUMINUM BUILDINGS

Pre-assemble building fabricated from low maintenance, lightweight corrosive resistant aluminum (factory fabricated). Building exterior shall have no exposed fasteners. Width and Length as stated above - with a 90 - 93" nominal outside height. Interior dimension from floor to ceiling shall be 83" (2108.2 mm).

**FRAME CONSTRUCTION:** Provide structural framing of 6063-T5 aluminum alloy extrusions. Connections shall be fastened internally to framing systems using mechanical fasteners or MIG welded where necessary. Exposed fasteners on framing system are not acceptable.

**LOWER WALL PANEL:** Exterior shall be .032 aluminum, 3" (76.2 mm) expanded polystyrene insulation (R-12) and .032 interior aluminum. Overall thickness of panel shall be 3" (76.2 mm).

**CEILING:** Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA, pre-finished white steel with expanded polystyrene core.

**\*Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing

**ROOF:** Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

**DOOR:** Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder.

**ELECTRICAL:** Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

**LIGHTING:** Lighting shall be a dual bulb fluorescent light.

**HEAT:** Heating shall be wall mounted electric with fan forced operation, 1500w/5120 BTU thermostat in an enamel coated 20 GA steel cabinet.

### TYPICAL BUILDING SIZES

OTHER SIZES AVAILABLE UPON REQUEST

<b>3X4</b>	<b>6X8</b>
<b>4X4</b>	<b>6X10</b>
<b>4X5</b>	<b>6X12</b>
<b>4X6</b>	<b>8X8</b>
<b>4X7</b>	<b>8X10</b>
<b>4X8</b>	<b>8X12</b>
<b>4X10</b>	<b>8X14</b>
<b>5X5</b>	<b>8X16</b>
<b>5X6</b>	<b>10X10</b>
<b>5X7</b>	<b>10X12</b>
<b>5X8</b>	<b>10X14</b>
<b>5X9</b>	<b>10X16</b>
<b>5X10</b>	<b>12X12</b>
<b>5.5X7.5</b>	<b>12X14</b>
<b>6X6</b>	<b>12X16</b>

### STEEL BUILDINGS

**GENERAL:** Pre-assemble building of steel construction.

**DIMENSIONS:** Width and Length as stated above - having a 96" (2438.4 mm) nominal outside height.

**FRAME CONSTRUCTION:** Framing shall be 14 GA (1.78 mm) or heavier mechanical tube. All joints shall be MIG welded.

**WALL PANELS:** Wall panels shall be 14 GA exterior, 2" (50.8 mm) or 3" (76.2 mm) depending on wall thickness, E.P.S. insulation (2" - R-10, 3" - R-12), and a 18 GA inside face. Panels shall be galvanized and shall be MIG welded into place.

**CEILING:** Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA pre-finished white steel with expanded polystyrene core.

**ROOF:** Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

**\*Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing

**FINISH:** Surfaces shall be painted using an epoxy / urethane prime to paint system designed to withstand salt spray and freeze thaw testing.

**DOOR:** Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder, and aluminum threshold (steel threshold not acceptable).

**ELECTRICAL:** Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

**LIGHTING:** Lighting shall be a dual bulb fluorescent light.

**HEAT:** Heating will be wall mounted electric with fan forced operation, 1500w/5120 BTU and thermostat in an enamel coated 20 GA steel cabinet.