

ENCS Series

Steel Frame Enclosures



Applications

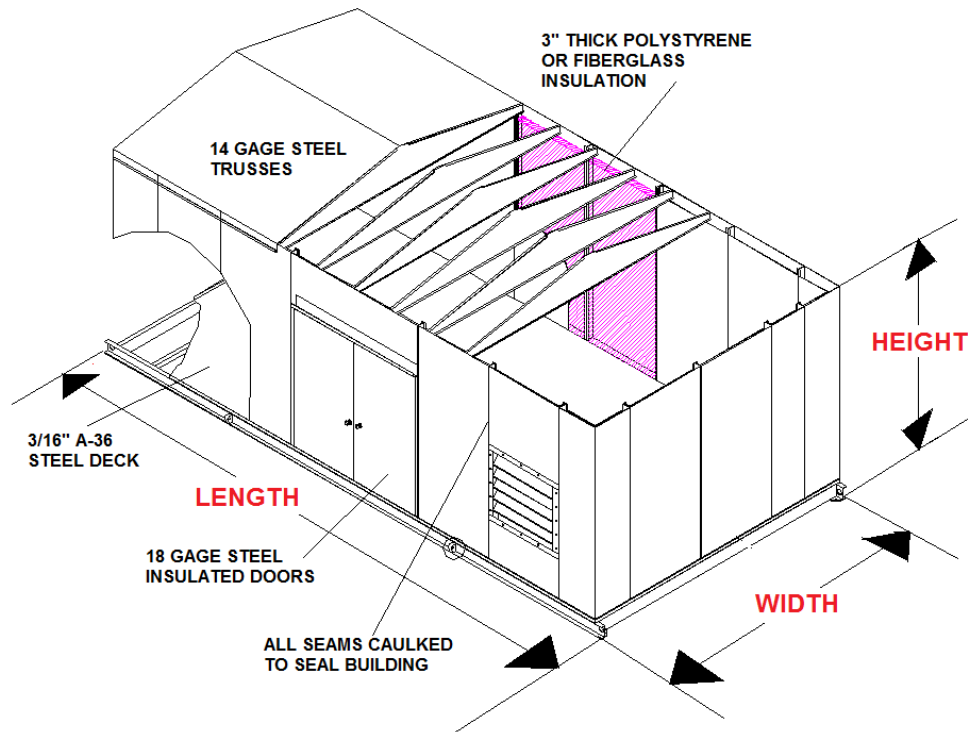
- Environmental/freeze protection of equipment
- Sound attenuation of blowers, compressors, fans, motors, and pumps
- Vandal protection of process equipment & controls
- Provides comfortable work environment for personnel working on process equipment or controls
- Prevents unauthorized access to process equipment and electrical area
- Architectural modifications available to meet aesthetic needs
- Portable remediation systems

Features and Specifications

- Steel skid with C6x8.2 joists and C6x13 frame, continuous weld at ends, 3/16" steel deck with 1" fillet welds every 12" on center
- 14 Gauge formed galvanealed steel sheet panel wall construction stitch welded to skid
- 14 Gauge galvanealed steel sheet continuously welded roof
- Formed steel sheet 3:12 pitch rafter trusses, 24" on center
- Enamel paint finish of steel skid
- 1 1/2" Floor containment inside building
- 36" x 6' 8" high insulated steel doors with 3 point latch and inside release
- Exterior seams polystyrene or silicone caulked
- Fiberglass insulation in wall and ceiling
- Enamel exterior finish (optional colors)
- Galvanized steel drip edge on exterior horizontal wall seams
- 3/4" diameter hold down lugs at corners, 2 3/4" lifting points at corners on buildings less than 18' long
- Typical building construction for 120 mph wind 40 lb/ft² snow loading and seismic zone 2
- Fire rated construction up to 3 hours, per UL specifications

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Model Number	Width	Length	Height	Interior Width	Interior Length	Interior Height	Dry shipping weight
ENCS-0810	8'	10'	9' 10"	7' 8"	9' 8"	8'	4,000
ENCS-0820	8'	20'	9' 10"	7' 8"	19' 8"	8'	7,100
ENCS-0830	8'	30'	9' 10"	7' 8"	29' 8"	8'	10,200
ENCS-0840	8'	40'	9' 10"	7' 8"	39' 8"	8'	13,200
ENCS-0850	8'	50'	9' 10"	7' 8"	49' 8"	8'	16,300
ENCS-1010	10'	10'	10' 2"	9' 8"	9' 8"	8'	4,700
ENCS-1020	10'	20'	10' 2"	9' 8"	19' 8"	8'	8,200
ENCS-1030	10'	30'	10' 2"	9' 8"	29' 8"	8'	11,200
ENCS-1040	10'	40'	10' 2"	9' 8"	39' 8"	8'	15,200
ENCS-1050	10'	50'	10' 2"	9' 8"	49' 8"	8'	19,400
ENCS-1220	12'	20'	10' 6"	11' 8"	19' 8"	8'	9,300
ENCS-1230	12'	30'	10' 6"	11' 8"	29' 8"	8'	13,300
ENCS-1240	12'	40'	10' 6"	11' 8"	39' 8"	8'	17,200
ENCS-1250	12'	50'	10' 6"	11' 8"	49' 8"	8'	22,500



Options

- 9' or 10' inside ceiling height
- 2" x 6" wall framing for heavier loading
- One or two layers of 5/8" fire rated sheet rock on interior surfaces
- Interior wall partitions
- Additional access doors
- Roll up doors, insulated steel
- Removable access panels, roof or wall
- Additional insulation
- 20-year warranty asphalt roof shingles with five-pound felt moisture barrier and 7/16" oriented strand board roof sheathing
- Supplemental heating and/or cooling for sensitive process or control equipment
- Wiring per NEC for Class, I, Division II, Group D area (optional Class I, Division I, Group D also available)
- Exhaust fan with inlet and outlet louvers with screens and wall thermostat. Non-classified or classified area per NEC as required. Sized for actual enclosed process equipment and local climatic conditions.
- Fan forced electric convection heating with wall thermostat for non-classified or classified area per NEC sized according to local climatic conditions
- Plywood or other material coverings inside
- Diamond plate or non-slip flooring
- Filtered air inlet with replaceable panel filter elements
- Interior and exterior lighting; incandescent or fluorescent and wall switches for non-classified or classified area per NEC
- Various wall or roof penetrations
- Custom control panel, breaker box or disconnect to control enclosed process equipment
- Sound insulated louver covers to reduce total exterior building sound level 10-15 dBA at 3' in open field conditions
- Steel reinforced building perimeter with no skid to allow enclosure to be transported and placed over existing equipment or pad
- Windows
- Floor box out with 1-1/2" containment lip for ingoing and outgoing lines
- Floor sump with high level switch when water processing equipment is used
- PE stamped drawings and/or calculations
- Construction for seismic zone 4

Additional Photos

