

ENCW Series Wood Frame Enclosures



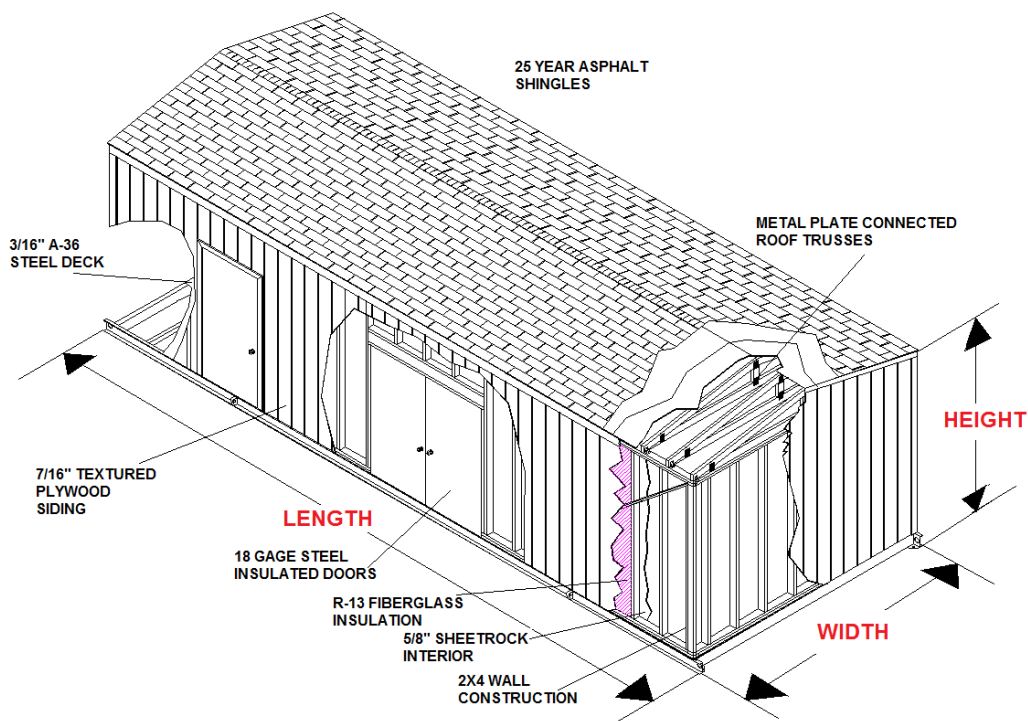
Applications

- Freeze protection of water process equipment
- Sound attenuation of blowers, compressors, fans, motors and pumps
- Vandal protection of process equipment and controls
- Provides comfortable work area for personnel working on process equipment or controls
- Prevents unauthorized people from entering process equipment or electrical area
- Can be modified architecturally to meet aesthetic needs

Features & Specifications

- Steel skid with C6x8.2 joists and frame members continuously welded at the ends, 3/16" steel deck with 1" fillet welds every 12" on center
- Wood framed enclosure fastened to skid with 3/8" through bolts
- 3/8" masonite or textured plywood siding, factory primed for outdoor service
- 2"x4" Wall construction with joists 24" on center
- 20 Year warranty asphalt roof shingles
- 15 Lb felt roof moisture barrier
- 7/16" Oriented strand board roof sheathing, nailed 8" edges and field
- Enamel paint finish of steel skid
- 1 1/2" Floor containment inside building
- 1" x 6" wood fascia and trim at corners
- Double 2" x 4" sill plate with bottom plate green treated
- Metal plate connected roof trusses every 24" on center for 40 lb/ft² live or snow load
- Galvanized steel rafter ties at each end of trusses
- Latex exterior finish standard (optional colors)
- 3/4" Dia. hold down lugs (4) at corners, 2 3/4" lifting points (4) at corners on buildings less than 18' long
- Galvanized steel drip edge on exterior horizontal wall seams
- (2) 36" x 6' 8" high double steel insulated steel doors with key lock (standard)
- (1) Layer of 5/8" fire rated sheet rock on interior wall and ceiling
- Double 2"x6" header over doors or openings 24"-72" wide
- 3 1/2" Fiberglass insulation in wall and ceiling (standard)
- Typical exhaust fan with inlet and outlet louvers (either fixed or gravity damper) with screens, and wall thermostat for non-classified or classified area per NEC, sized for actual enclosed process equipment and local climatic conditions
- Floor box out with 1 1/2" containment lip for ingoing and out going lines
- Incandescent lighting with vapor globe and wall switch for non-classified or classified area per NEC
- Electric convection heating with wall thermostat for non-classified or classified area per NEC sized according to local climatic conditions
- Typical building construction for 70 mph wind 40 lb/ft² snow loading and seismic zone 2
- Floor sump with high level switch when water processing equipment is used

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Model Number	Dim Width Feet	Dim Length Feet	Dim Height Feet	Dim Inside Width Feet	Dim Inside Length Feet	Dim Inside Height Feet	Shipping weight, empty Lbs.	Number Lights Typical
ENCW-0810	8'	10'	9' 10"	7' 8"	9' 8"	8'	4,000	1
ENCW-0820	8'	20'	9' 10"	7' 8"	19' 8"	8'	7,100	3
ENCW-0830	8'	30'	9' 10"	7' 8"	29' 8"	8'	10,200	5
ENCW-0840	8'	40'	9' 10"	7' 8"	39' 8"	8'	13,200	6
ENCW-0850	8'	50'	9' 10"	7' 8"	49' 8"	8'	16,300	8
ENCW-1010	10'	10'	10' 2"	9' 8"	9' 8"	8'	4,700	1
ENCW-1020	10'	20'	10' 2"	9' 8"	19' 8"	8'	8,200	3
ENCW-1030	10'	30'	10' 2"	9' 8"	29' 8"	8'	11,200	5
ENCW-1040	10'	40'	10' 2"	9' 8"	39' 8"	8'	15,200	6
ENCW-1050	10'	50'	10' 2"	9' 8"	49' 8"	8'	19,300	8
ENCW-1220	12'	20'	10' 2"	11' 8"	19' 8"	8'	9,300	3
ENCW-1230	12'	30'	10' 2"	11' 8"	29' 8"	8'	13,200	5
ENCW-1240	12'	40'	10' 2"	11' 8"	39' 8"	8'	17,200	6
ENCW-1250	12'	50'	10' 2"	11' 8"	49' 8"	8'	22,400	8

Options

- 9' or 10' inside ceiling height
- 2'x6" wall framing for heavier loading
- (2) Layers of 5/8" sheet rock for higher fire rating, inside, outside or both
- Interior partition wall for multiple rooms
- Additional access doors
- Roll up doors, insulated steel
- Removable access panels, roof or wall
- Additional insulation
- Various supports or stands for enclosed process equipment
- Air conditioning or additional 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)
- Motorized louvers, classified or non-classified
- Fan forced electric heaters, classified or non-classified

- PE stamped drawings and/or calculations
- Construction for seismic zone 4
- Additional inside or outside lighting
- Plywood or other material coverings inside
- Diamond plate or non-slip skid surface
- Filtered air inlet with replaceable panel filter elements
- Construction for higher wind loading, typical rolled roofing nailed 6" on edges and 12" in the field with sealed nails
- Corrugated factory epoxy finished steel roofing
- Various wall or roof penetrations
- Custom control panel, breaker box or disconnect to control enclosed process equipment if required
- Sound insulated louver covers to reduce total exterior building sound level 10-15 dBA at 3' in open field conditions
- Steel re-enforced building perimeter with no skid to allow enclosure to be transported & placed over existing equipment or pad

Additional Photos

