



ACOUSTICAL ENCLOSURE & ACCESSORIES

Enclosure

Approximate Dimensions

20'-0" long
13'-0" wide
10'-0" height

Construction Details

Base

- Welded skid base fabricated using structural shapes to include:
 - Perimeter channels, C10 X 15.3
 - Open bottom with shipping cross members
- 4 Bolt removable lifting eyes
- 4 Ground pads

Walls

Self framing interlocking G90 galvanized steel exterior wall panels, 18 gauge
G90 galvanized steel interior wall liners, 18 gauge perforated steel
R-11 fiberglass insulation

Roof

Self framing interlocking G90 galvanized steel exterior roof panels, 18 gauge
Self framing interlocking G90 galvanized steel interior ceiling panels, 18 gauge perforated steel
R-11 fiberglass insulation

Doors

- 2 6080 double equipment doors with aluminum exterior trim, interior panic hardware, hinges, closer, foot bolt, chain bolt and view window

Paint System

Base

Wire brush cleaning
Catalyzed epoxy primer, 2.0-3.0 mils DFT
Polyurethane enamel finish, 1.5-2.0 mils DFT, white
Floor finish, chemical resistant non-skid epoxy, 1.5 to 2.0 mils dry

Wall and Roof

Wash primer, 0.2-0.4 mils DFT
Polyurethane enamel finish, 1.5-2.0 mils DFT, white
Caulk seams after painting



Ventilation/Lights

- 1 Exhaust fan - 12" with shutter
- 1 Intake louver - 24" with filter
- 4 100 watt high incandescent lights, Class 1 Div. 2
- 2 Interior emergency/exit lights
- 2 3 way light switches
- RGS conduit and fittings, minimum 3/4"
- THHN utility wire, minimum #12 AWG (Black, White, Green)

Fire/Gas Detection & Fire Suppression

CO2 Calculations

| <u>Hazard</u> | <u>BUILDING</u> |
|-------------------------------------|-----------------------|
| Square Feet – Room | 240 ft ² |
| Ceiling Height | 10 ft |
| Cubic Feet – Room | 2,400 ft ² |
| TOTAL AGENT SUPPLIED: | 300 lbs. |
| Number of Thermal Detectors | 2 |
| Number of Combustible Gas Detectors | 1 |

| <u>QTY.</u> | <u>PART NO.</u> | <u>DESCRIPTION</u> |
|-------------|-----------------------------------|--|
| | SHP CONTROL SYSTEM | |
| 1 | 10-063-1-R-1 | SHP PRO Control System including: Red Encl. with 110VAC Transformer |
| | OPTIONAL MODULES | |
| 1 | 10-2204 | SRM4, Relay Module (with mounting hardware) |
| 4 | 545 | Mini Monitor Modules |
| | BATTERY ASSEMBLIES | |
| 1 | 10-2190-1 | Battery Assembly, 7AH, w/ wiring assembly. (2 Batteries) |
| | CONTROL SYSTEM ACCESSORIES | |
| 2 | PBUL | MEDC Class I Div II Push Button Call Point, Class I Div II |
| | DETECTION DEVICES | |
| 2 | 60-021 | Thermal Detector, Ex-Proof |
| 1 | SPPRUXF-1 | Sensepoint Pro 0-100% LEL Methane Gas Detector |
| | SIGNALING DEVICES | |
| 3 | PX869398 | MEDC XB15 Xenon Beacon, Class I Div II |
| 3 | PX21900729 | MEDC DB3 GRP Alarm Horn, Class I Div II |



SIGNS

| | | |
|---|----------|---|
| 2 | 02-11397 | Warning Sign / Vacate Immediately—Inside Room |
| 2 | 02-11398 | Warning Sign / Do Not Enter |
| 2 | 02-11399 | Warning Sign / When Alarm Operates |
| 2 | 02-11402 | Warning Sign / Manual Actuation |
| 2 | 02-11401 | Warning Sign / Ventillate Before Entering |

CO2 SYSTEM EQUIPMENT

| | | |
|---|------------|---|
| 3 | C70-100 | 100 lb. (45.4 Kg) Cylinder w/ Brass Valve |
| 2 | C85-114 | 24V DC Master Cylinder Package w/ Manual Actuator |
| 3 | C70-226 | Flexible Discharge Bend |
| 2 | C80-030 | Baffle Nozzle (Brass) |
| 3 | C70-213 | 100 lb. Cylinder Strap |
| 2 | C70-228 | Connecting Link Assembly |
| 1 | C02-1363 | 1/2" Header Vent Plug / Low Pressure |
| 1 | C70-231 | 1/2" Header Safety Release / High Pressure |
| 1 | C02-1231 | Ex-Proof Pressure Switch Assembly / DPDT |
| 3 | C70-230 | Pressure Trip Assembly |
| 1 | C70-040-30 | 3 Cylinder Rack Assembly |
| 1 | CO2-1210 | 1/2" Stop/Maintenance Valve/Carbon Steel |
| 1 | CO2-1230 | Pressure Operated Siren |
| 1 | C70-235 | Pneumatic Time Delay/30 Seconds |
| 1 | 02-9868 | Wintergreen Odorizer |
| 1 | C70-227 | CO2 Filling Adaptor Assembly |