

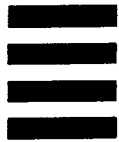
Plasti-Fab®

PRODUCTS FOR THE WATER AND WASTEWATER INDUSTRY

**FIBERGLASS
CHLORINATOR
SHELTER**

**PRODUCT
BULLETIN EC-3 (Rev.)**

INSULATED FIBERGLASS CHLORINATOR SHELTER



NEMA 3R

STANDARD SIZES:

MODEL 1 5'-1" x 2'-1" (INSIDE) WT. 380 LBS.
(large enough for a standard 18" x 32" 2 cylinder scale.)

MODEL 2 5'-1" x 4'-1" (INSIDE) WT. 650 LBS.



DESIGN FEATURES:

- Fully insulated sandwich construction consisting of polyurethane foam core between fiberglass reinforced polyester skins.
- Integral insulated floor.
- 15 amp breaker and 115 volt convenience outlet inside NEMA 4X fiberglass electrical box.
- 115 volt dual intake fans with glass filled polycarbonate blades, finger guard and impedance protected shaded pole motor with permanently lubricated porous bronze bearings. Fan capacity is 210CFM free air. Fans are controlled by a weathertight exterior switch.
- 60 watt interior light with non-metallic corrosion resistant base and vapor tight bulb, controlled by exterior weathertight switch.
- 500 watt 120 volt heater, Underwriters Listed, with the heating element cast integral with the aluminum fins. An integral thermostat/off-on switch controls the heater. Heating element and thermostat are each replaceable without special tools.
- Interior wiring with neoprene jacketed (coated) SO cable and installed with corrosion resistant thermoplastic connectors.
- Portable threshold ramp for easy bottle loading.
- Unistrut laminated to rear interior wall for equipment mounting.

- Low maintenance – single piece construction providing a rugged trouble free structure.
- Exterior surface finished with smooth, white gelcoat. Optional colors available are green and beige.
- Rain drip visor over door.
- 3/4" plastic floor drain (marine thru-hull connector), with rubber and brass snap type plug, inside flanged and outside threaded and flanged nut.
- FRP shroud and screen over outlet vent opening.

STANDARD HARDWARE:

- Three point door catch.
- Stainless steel padlockable door handle.
- Heavy corrosion resistant hinges of stainless steel.
- Door holder holds door open in wind.

AVAILABLE OPTIONS:

- Laminated glass or polycarbonate window installed with two piece neoprene moulding.
- Lifting eyes.

MOUNTING:

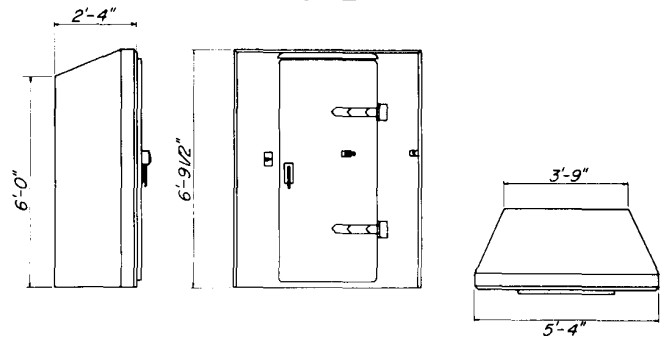
- Bolt down to slab, timbers, structural steel or anchor to solid ground.

SAMPLE SPECIFICATION:

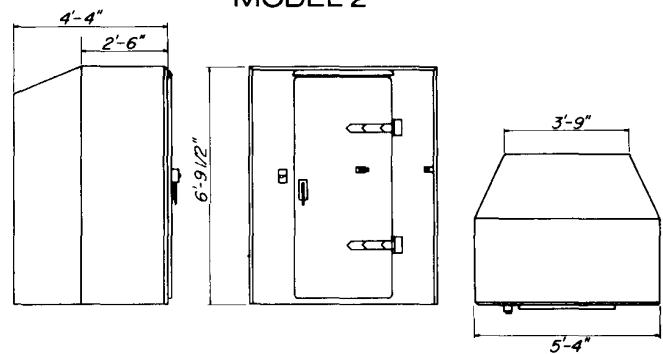
A fiberglass chlorinator shelter(s) shall be furnished. Shelter(s) shall be _____ wide by _____ high by _____ front to back (inside). Shelter(s) shall be moulded in one piece with 1" of polyurethane foam encapsulated between 1/8" fiberglass reinforced polyester skins. The floor shall be moulded integral with the sides and of the same construction, however, the sandwich core material shall be closed cell rigid polyurethane foam having a density of not less than 6 pounds per cubic foot. Door hardware shall include: Three point door catch, stainless steel padlocking door handle, heavy duty corrosion resistant stainless steel hinges, rain visor over door and a door holder to prevent the door from closing during windy conditions. The door seal shall be of closed cell foam neoprene per ASTM-SCE 41-4 and shall have a skin on all surfaces. Unistrut shall be laminated to rear interior wall for supporting instruments and securing chlorine bottles. A 3/4" plastic floor drain shall be installed having a threaded main body extending through the shelter wall and secured on the outside with a threaded flanged plastic nut and sealed with RTV Silicone sealer making a water tight seal. The exterior shall be finished with smooth white gelcoat. Shelter shall be rated NEMA 3R. The shelter shall be equipped with a 15 amp. breaker and 115 volt convenience outlet inside a NEMA 4X fiberglass electrical box. The shelter shall have dual 115 volt intake fans with glass filled polycarbonate blades, finger guard and impedance protected shaded pole motor with permanently lubricated porous bronze bearings. Fan capacity is 105 CFM free air per fan and shall introduce air high on one side and exhaust through the outlet vent opening low on the opposite side as shown. The fans are controlled by a weather tight switch mounted on the front exterior wall of the shelter. A 60 watt interior light with non-metallic corrosion resistant base and vapor tight bulb shall be furnished. The light shall be controlled by the same switch as used for fan switching. A 500 watt, 120 volt heater shall be furnished and shall be Underwriters Listed with heating element and aluminum fins integrally cast. The heater shall have dual thermostats, off-on switch and a replaceable heating element requiring no special tools for replacement. All interior wiring shall be neoprene jacketed SO cable and installed with corrosion resistant thermoplastic connectors. Outlet vent shall have an FRP shroud and a bug screen. Windows, if required, shall be 1/4" thick laminated glass (or polycarbonate) and shall be set with a two piece neoprene window moulding. Installation may be accomplished by bolting through the shelter floor to an existing flat surface.

Shelter shall be as manufactured by PLASTI-FAB, Inc., P.O. Box 100, Tualatin, Oregon 97062 (or equal).

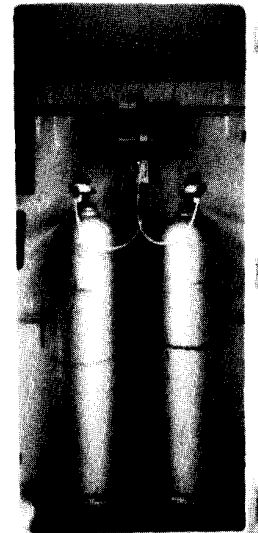
MODEL 1



MODEL 2



Deduct 1/4" Per Side for Inside Dimensions



FLUMES • GATES • WEIRS • BAFFLES

Plasti-Fab, INC.

P.O. Box 100
Tualatin, Oregon 97062
503/692-5460
FAX 503-692-1145

Printed in U.S.A.
®Plasti-Fab is a registered trademark of Plasti-Fab, Inc.
©1979 by Plasti-Fab, Inc.
BUL EC - 3 (Rev.)