

**Fiberglass Watertight Mini
Cabinet Enclosures
Product Drawings
Last Updated 7/7/2008**



Cabinet Enclosures



Rose+Bopla's compression-molded Fiberglass Watertight Mini Cabinets are our most rugged hostile environment cabinets. These cabinets are molded from heat-pressed fiberglass matting.

Fiberglass Mini Cabinets

They offer exceptional strength, durability and feature a beige gray high gloss finish.

These mini cabinets are designed specifically for harsh manufacturing conditions and hostile environments and will outlast any steel or stainless steel cabinet in a corrosive setting. They are used in areas where components need to be protected against aggressive media and weathering. Options for indoor and outdoor usage are: small distribution cabinets, as a housing for electronic components used for measuring in a weather station, and for control and monitoring system devices. These robust cabinets have also been used for outdoor desert data logging devices, chemical processing plant monitors, and as flow meters in oil refineries. Special Ex versions are also available.

Fiberglass Mini Cabinets are offered with an opaque door or with a laminated safety-glass viewing window in the door. Optional handle components and locks are made of fiberglass polyester with stainless steel fittings. All components are non-corrosive. Lid screw threads are stainless steel and will not strip out, ensuring a tight watertight seal for the life of the box.

These watertight mini cabinets include: a compression molded fiberglass base and lid, stainless steel hinge pins, and stainless steel hinge springs. Neoprene gasket. Door locks, keys, mounting plates, external brackets, etc. are options and must be ordered separately. Locks are required.

TECHNICAL DATA:

- Color: Agate gray, similar to RAL 7038. Special colors on request. Minimum quantity may be required.
- Material:
Enclosure—Compression-molded glassfiber reinforced polyester
Gasket—Neoprene
- Ingress Protection: IP66 to EN 60529
NEMA 4, 4X
- Temperature range: -40°F up to +212°F
with window -40°F up to +176°F
- Impact resistance: >7Nm, EN 50014
- Surface resistance: >10¹² Ohm, VDE 0303/DIN 53482
- Flammability: UL 94 VO/self-extinguishing
- Disruptive strength: 18KV/mm, VDE 0303/DIN 53481
- Toxicity: Halogen-free
- Insulation: Fully insulated, VDE 100

Fiberglass Watertight Mini Cabinets					
Part #	Length (Inches/mm)	Width (Inches/mm)	Height (Inches/mm)	Weight Lbs.	Drawing Page #
21202000	7.87 / 200	7.87 / 200	6.69 / 170	4.30	17-270
22202000	7.87 / 200	7.87 / 200	6.69 / 170	4.45	17-270
21122000	7.87 / 200	4.72 / 120	3.94 / 100	2.35	17-270
22122000	7.87 / 200	4.72 / 120	3.94 / 100	2.50	17-270
21162600	10.24 / 260	6.30 / 160	3.94 / 100	3.75	17-270
22162600	10.24 / 260	6.30 / 160	3.94 / 100	3.90	17-270
21163400	13.39 / 340	6.30 / 160	3.94 / 100	3.75	17-270
22163400	13.39 / 340	6.30 / 160	3.94 / 100	3.90	17-270
21201500	5.91 / 150	7.87 / 200	3.94 / 100	—	17-270
22201500	5.91 / 150	7.87 / 200	3.94 / 100	—	17-270
21203000	11.81 / 300	7.87 / 200	6.69 / 170	5.40	17-270
22203000	11.81 / 300	7.87 / 200	6.69 / 170	5.55	17-270

Note: Dimensions are external. Metric is the primary dimension. Inch conversions are for the user's convenience and are for reference only. Accessories shown on drawing page.

