

Dudlik Enclosures

Call 1-866-6DUDLIK
(1-866-638-3545)

Custom enclosures with your special application in mind are never a problem. Ask us about your special requirements for size, configuration, materials, special equipment, and finish. Contact your sales representative or *Dudlik Enclosures* for more information.

Construction

1. To insure a strong and rigid construction, these enclosures are manufactured from 0.125" 5052-H32 marine grade aluminum. All external hardware is stainless steel and all internal hardware is stainless steel or zinc plated, meeting Fed. Spec. QQ-Z-235C Type 1.

2. Smooth and free of blow holes, flaws, or imperfections, all seams are continuously welded (GTAW) or sealed with (G.E. Silicone Sealant or equivalent) in the interior.

Cabinet

3. The enclosure has a sloped top to prevent water accumulation.

4. For NEMA 3R applications, the door has a louvered vent with retainer for a removable filter. Disposable paper filters are provided. Provision is made for a forced air ventilation system, vented through the roof overhang. All louvers and vents have are covered by a screen to eliminate bug intrusions. A thermostatically controlled 24 volt DC forced air ventilation system is standard.

5. The enclosure is equipped with a ¾" fire retardant plywood panel. Mounted on the panel is a 20 amp outlet, and a 8 lug ground bar. There is a LED light bar mounted on the left side of the enclosure.

6. There are two 36" long adjustable front to back 19" rack rails with 20 RU EIA spaces.

7. The enclosure door opening is double flanged on all four sides. This feature not only provides additional strength, but prevents dirt and liquids from entering the enclosure when the door is opened.



8. All surfaces, edges, and openings are smooth and burr-free for worker safety and equipment protection.

Doors

9. The cabinet is designed so that the leaves of the hinges are not exposed, making the hinges tamper-proof and presenting a neat and clean appearance. The cabinet door is attached to the body of the enclosure by means of a continuous 0.075" stainless steel piano-type hinge on the right side. It is bolted to the door and to the cabinet with 1/4-20 stainless steel carriage bolts and Nylock nuts. Further, the 0.25" stainless steel hinge pin is welded on the top to prevent tampering.

10. The door is sealed with a closed cell neoprene gasket bonded to the inside of the door with an oil resistant adhesive.

11. The three point latching mechanism on the door is designed with a heavy duty 3/4" stainless steel handle. This handle operates the 3/16" thick cam and two push rods made from 1/4" x 3/4" aluminum bar. The push rods are twisted outward and have two 7/8" nylon rollers on the end of each rod to provide a smooth operation and secure seal to the enclosure.

12. Provision is made for padlocking the handle.

13. The enclosure has a .250" stainless steel interior door restraint that prevents the door from moving in windy conditions. The restraints hold the doors in three positions—95°, 120°, and 180°.

Finishes

14. Standard enclosures are provided with a smooth and uniform, polyurethane painted finish.

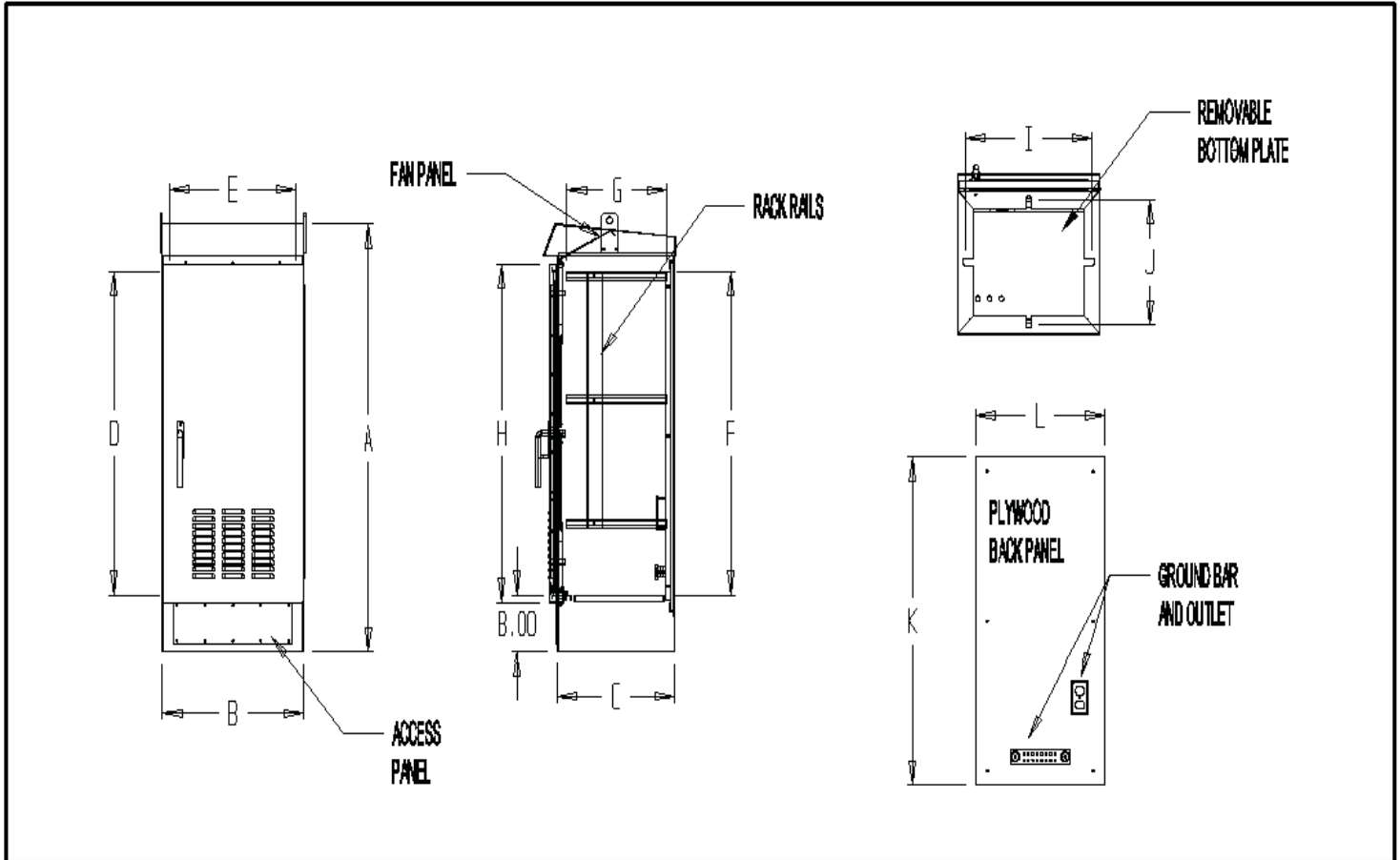
15. Alternate colors of painted finishes are available. Supply a sample of paint color (chip) or a paint number.

Mounting

16. The enclosure is designed as a pad mounting unit, as shown in the diagrams below, or can be mounted on a H-frame or pole.

Options

- Air conditioners
- Heat exchangers
- Heaters
- 110 Volt A/C fan kits
- Insulation
- Sun shields
- Rack mounted shelves



CATALOG NUMBER	Enclosure Size						Opening		Available Space		Door Height	Pad Mounting Pattern		Panel Size	
	A	B	C	D	E	F	G	H	I	J		K	L		
FIBER ENCLOSURE															
FTE-602420	60.00	x 24.00	x 20.00	45.38	21.50	45.38	16.25	47.50	21.50	17.50	42.00	21.00			
FTE-482420	48.00	x 24.00	x 20.00	33.38	21.50	33.38	16.25	35.50	21.50	17.50	30.00	21.00			

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