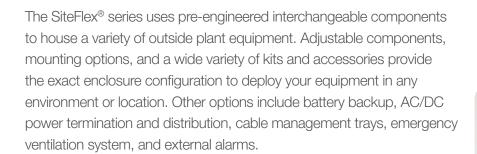
SiteFlex® SFX74-6031

Power and Equipment Enclosure Solutions



Advanced thermal management systems include air conditioning, heat exchangers, direct air cooling, thermoelectric cooling, and passive solutions. The SiteFlex enclosure architecture allows the cabinet to be divided into multiple thermal zones supporting vastly different equipment operating characteristics with the highest reliability and lowest Total Cost of Ownership.

Applications

Provides a secure, thermally-controlled environment for any electronic equipment supporting a wide-range of Cable/MSO, Energy/Utility, Land Mobile Radio, Transportation, U.S. Government/Military, and Wireless and Wireline Telecommunication applications.

Product Features:

- Energy efficient advanced thermal solutions
- Rugged seismic Zone 4 battery boxes; up to 4 tiers high
- FlexAir® door supports multiple thermal zones within cabinet
- Innovative RF Top T for efficient & accessible cable management
- Many easy to install field upgradeable features including thermal solutions
- AC and DC power options
- 24, 31, 37 and 42 RU equipment bay options





The Purcell Advantage

Purcell Systems designs and manufactures thermally-managed outdoor enclosures that meet the exact needs of the enclosed equipment for network operators and utilities. Our enclosures provide comparable solutions to prefabricated buildings, containers and shelters at a fraction of the cost. Both standard and custom enclosures are delivered with the following capabilities:

Choice of Options: Pre-engineered and interchangeable modules provide optimal configurations with minimal cost and lead time.

Thermal Management: The industry's widest selection of heating and cooling systems ensures the most efficient thermal management solution with the lowest energy consumption.

Lowest Total Cost of Ownership:

Engineering analysis and modeling ensures your enclosure configuration minimizes installation, maintenance, repair, capital, and operational expenses.

Equipment Integration and Staging: Electronic equipment can be staged and installed in our enclosures prior to final deployment and installation.

Fanatical Service®: A national service organization with 24/7/365 access means procurement, installation, support, and warranty requests are addressed immediately.

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Dimensions and Expansion Options			Thermal Management Systems			
Exterior Dimensions		Rack Units	Air Conditioner			Emergency Ventilation System
No plinth or top	60"W x 31"D x 68"H 1524mm x 787mm x 1727mm	- 74RU	4K BTU/1175W with 1.2kW heater	10K BTU/3000W with 1.5kW heater	12K BTU/3500W with 1.5kW heater	(4) 230 CFM Fan
4" plinth	60"W x 31"D x 72"H 1524mm x 787mm x 1829mm					
9" cable access top	60"W x 31"D x 77"H 1524mm x 787mm x 1956mm					
18" cable access top	60"W x 31"D x 86"H 1524mm x 787mm x 2184mm					

Specifications			
EXTERIOR	INTERIOR	Other Options	
Construction	Equipment Mounting	Convenience Outlets: 15 or 20A, GFCI or	
• Frame: 0.090" Corrosion Resistant Aluminum;	• 19" or 23" equipment rails; configurable loca-	standard	
single wall construction	tions front-to-back	Bonding and Grounding: Copper isolated or	
• Insulation: Internal 3/8" foil-backed insulation	Battery Containment	integrated up to 18 positions	
• Finish: Ultra-light gray polyester powder coat	Supports up to 2 tiers in Power Bay, up to 4 ties	Alarm Blocks: Up to 24 positions (includes	
Weight (Base Configuration): 750 lbs	in Aux-Battery Bay (4 batteries per tier) of 190Ahr	intrusion and thermal)	
Door/Side/Top Panels	12 Volt batteries	Accessories: Document holder, service light, high	
• Doors: Front and rear doors, left or right open;	AC Power Termination and Distribution	temp alarm, laptop tray	
front and rear hatches	Load Center Locations: external or internal to	OTHER	
Door Handles: Pad-lockable	equipment bay	Agency Compliance	
Door Hinges: Hidden hinges	16 position internal load center	UL Listed – UL508A	
Cable Entry	•Up to 42 position external load centers	NEMA 3R	
Ingress/Egress: Knockouts left side	Up to 200 Amp Main Breaker	Environmental	
Protection: Plastic/rubber glands	Surge Protection Device (SPD)	IP Protection: Designed to IP54	
Cable Entry/Raceway Top: Variable height top	Automatic Transfer Switch for Generator or	Up to Earthquake Risk Zone-4 compliant per	
with up to 6 ingress/egress locations	Battery Back-Up	Telcordia GR-63- Battery boxes only	
Mounting Options	Generator Inlet - 100/200 Amp	Warranty	
• Plinth: 4" height; standard or extended footprint,	DC Power Systems and Distribution	• 5 Years on Enclosure, 1 Year on Thermal System	
critter guards	Multiple suppliers and configurations available		
Corrosion inhibiting pad gasket	DC Distribution: up to 10 positions		

