Your Racks Are Your Data Center...

Introducing ... The Fire & Ice Closed Rack Data Center (CRDC). The CRDC is a modular, scalable and rapidly deployable self enclosed rack based solution for cooling and protecting your critical IT assets.

2N Cooling ... Two 16 kW AC systems provide the front of all equipment with a constant wall of cold air. Although only a single unit operates at any one time and is fully capable of indefinitely handling the cooling duties, the two units alternate every 12 hours and provide 2Nreliability.

Closed Architecture ... With solid front and rear doors, and air flow duct work added inside the top and bottom of the racks, your assets are protected from heat, fire and unauthorized access and your racks are your data center.



2N Controls ... Each of the Command Cabinets has its redundant Control own System computer for local and remote monitoring of all heat and cooling conditions, door access, power usage and potential fire conditions. whether So, you protecting 2 racks or 8, you have the reliability of 2N cooling and 2N controls.

re & ce Closed Rack Data Center

CAPEX Savings ... Why purchase an expensive engineering study to tell you what you may need over the next ten years when you already know what you currently need and can afford? No engineering, no 6-12 month build delay, no raised floor ... only the racks you need now and all placed in existing hot and/or dirty office or warehouse space, saving you valuable time, money and hassle.

Energy Savings ... In addition to being closed racks, the cold air feed and hot air return ducts of the individual racks use a patent pending automated and computer controlled damper system. This feature constantly adjusts air flow in response to the actual heat produced in each rack. The result is that the electrical energy required to cool the racks is kept at the lowest possible levels, saving thousands of dollars every year.

... So Cool the Racks - Not the Room

Modular & Portable ... The CRDC's redundant Command Cabinets, each 16kW AC systems containing and System computers, Control are positioned on either end of a row of Eaton - Wright Line racks. If you only need two or three racks now, that's what we'll provide. Then, when you grow, CRDC will grow with you ... up to 16 kW of total cooling. And if your business requires moving to a totally new location, your CRDC can move too.

Fire Protection ... Sixteen circuits are constantly monitored and charted in order to identify abnormal current draw. A spike in current that may indicate a pre-fire condition is automatically brought to the of on-site and attention remote management. If a fire is imminent, the troubled rack is automatically isolated by computer controlled closing of its dampers. When suppression gasses are actually released, the gas is restricted to the one rack and all other racks remain functional.



Scalable from 2 to 8 racks of precisely cooled, secure equipment.

Service Plan & Warranty ... The quality of the CRDC is reflected in the low cost <u>Ten Year</u> service plan and warranty. The coverage includes quarterly inspections, all maintenance labor and replacement parts. The cost of this coverage for the full ten year period is fixed at the time of original purchase.

For additional information contact:

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Specifications ...

- Redundant 16 kW AC systems using air cooled condenser with twin 2 stage Copeland Scroll compressors, or the building's chilled water system
- Two redundant Control System panel computers
- Local/Remote interface with Control System
- From two to eight 24"W x 48"D x 82"H 35u Eaton Wright Line equipment racks
- 220 or three phase power
- Individual rack gaseous fire canisters
- All UL listed components
- Patent pending