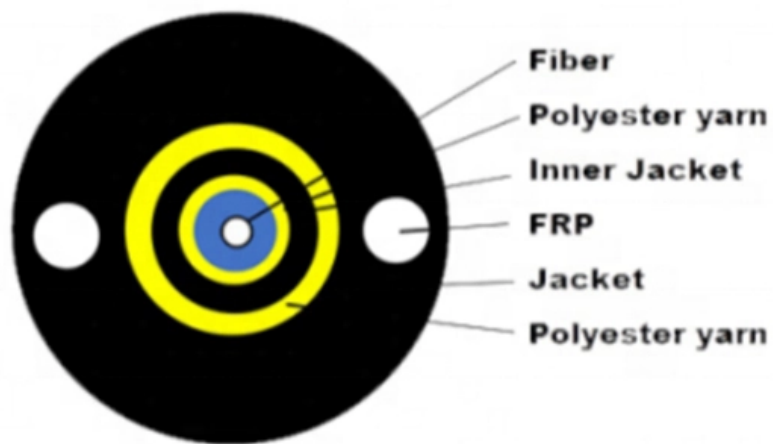


# **Patent for Thermally Insulated and Temperature-Controlled Outdoor Server Racks**





## Patent for Thermally Insulated and Temperature-Controlled Outdoor

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### Climate Controlled Network Cabinet , Emscor Enclosures

DEFENDER(TM) server cabinets self-contained cooling systems and a cost-effective alternative to installing a data center with a climate-controlled system.

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### Custom 1500W AC Server Rack , Climate-Controlled

CYTECH's Customized Stainless Steel Outdoor Server Rack Cabinet, equipped with a 1500W air conditioning unit, offers robust protection for telecom equipment.

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### Mesh door/glass door optional



Sp-601 glass door

Sp-602 mesh door



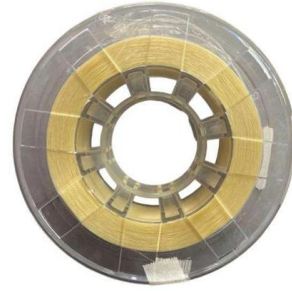
### US20170254551A1

A computer data centre having multiple open computer hardware storage racks. Each rack includes multiple computer hardware components horizontally rack-mounted in a front side of the rack,

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### Experimental and optimization research of the rack thermal

Consequently, we devised an experimental platform for the rack thermal environment to analyze the response characteristics of the rack's thermal environment to changes in server power



### **24U Waterproof Stainless Steel Outdoor Server Cabinet w/Cooling**

AZE designs and manufactures a wide range of IP55 rated freestanding outdoor server rack or data cabinets, from 18U to 42U, with fans cooling, metal steel, aluminum or stainless steel are

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### **Rack Cooling Systems , Vertiv Thermal Management**

Discover our rack cooling solutions, that will ensure the IT assets in your server racks only need to face the increased demand in data, not increased temperature.

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### **IP55 Outdoor Server Cabinet Enclosure with**

Being designed to accommodate the weather protection of your choice, the outdoor server rack enclosures are available in NEMA 3R, 4, or 4X configurations. AZE

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## Waterproof Outdoor Server Racks , Outdoor Network Cabinets , AZE

AZE's 19" outdoor server racks and outdoor network cabinets are ideal for protecting sensitive network systems from any damage due to impacts and harsh climatic conditions. These are manufactured

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## Do Server Racks Help With Temperature Control?

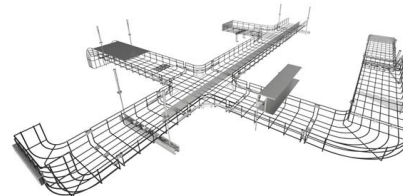
Data centers need to operate in temperature-controlled environments to function properly. Discover whether server racks help with temperature control.

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## U.S. Patent Application for SERVER RACK COOLING SYSTEM

It may be desirable to integrate a server rack with a two-phase fluid and thermosiphon based cooling system, however, issues may arise related to maintaining and managing the flow of

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## Outdoor Network Server Rack with Cooling Solutions

Nemaco offers 19 inch server rack cabinet solutions. 19 inch server rack cabinets are used for housing computer network systems to control electrical power distribution, factory controls automation and

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### 26U Outdoor Network Cabinet

The 26U Outdoor Network Cabinet is a premium weatherproof and IP66 rated network enclosure designed to protect your valuable network devices and servers.

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### Industrial Outdoor Server Rack Cabinet Solutions

Nemaco offers 19 inch server rack cabinet solutions. 19 inch server rack cabinets are used for housing computer network systems to control electrical power distribution, factory controls automation and

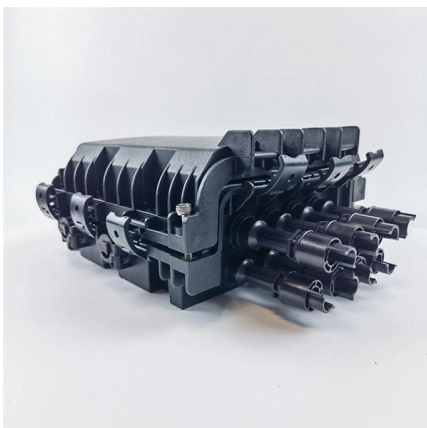
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### Outdoor Air Conditioned Network Server Rack Cabinet

Nemaco offers 19 inch server rack cabinet solutions. 19 inch server rack cabinets are used for housing computer network systems to control electrical power distribution, factory controls automation and



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### US11602085B2

Disclosed is a server rack system within an enclosed building and a process for directing air through a server facility. Air is channeled within a server rack assembly and then through a

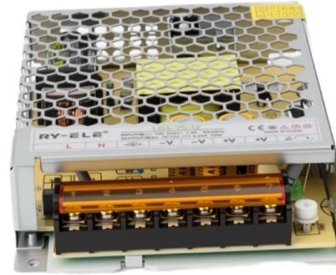
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## U.S. Patent Application for COOLING SYSTEMS AND METHODS

This can be done by disposing one or more fans either in front of or behind a rack 410 and, for many applications, fans associated with a chiller on the front side of the racks 410, to cool

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### 16U Weatherproof Cabinet Enclosure

The 16U Outdoor Network Cabinet with AC Unit is a weatherproof, IP66-rated NEMA enclosure designed to protect sensitive network equipment.

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### Server racks, enclosures & thermal management

Eaton's industry-leading thermal management solutions, coupled with its broad range of server and network racks, enclosures and cable management, help customers meet evolving technology

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### Electriduct IP55 Rack Outdoor Network Cabinets

For outdoor server and network applications, the weatherproof rack cabinet is designed to protect equipment from water, environmental elements, and debris.

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## 100% Waterproof Outdoor Network Server Rack Cabinet

Built to meet the demands of 24/7 outdoor operation, each server rack features integrated thermal control systems that maintain stable internal temperatures, ensuring network performance and

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## Search for patents , USPTO

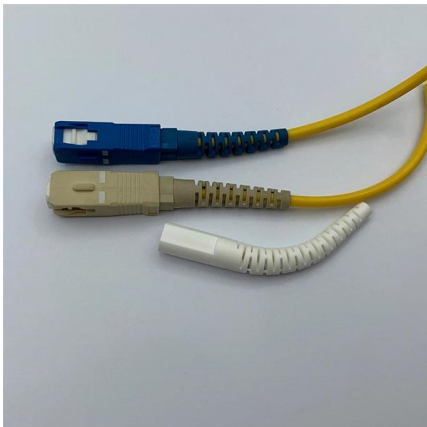
Find existing patents, published patent applications, and other published patent documentation.

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## Outdoor Server Racks

Explore our durable Outdoor server racks designed to withstand various environmental conditions. Choose from IP55 and IP65 rated options for outdoor

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## Outdoor Rack

Outdoor Rack: Protect your Mission-critical Applications - Even in Harsh Surroundings nVent SCHROFF Outdoor Racks & Cabinets safeguard your sensitive electronics in outdoor environments and ensure

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## ENERGY EFFICIENT COOLING METHODS FOR DATA CENTERS AND SERVER RACKS

This disclosure describes a system of distributed, compact, low height, and modular cooling systems that can potentially achieve significant reduction in energy usage by data centers, server farms and

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### Outdoor Server Rack Cabinets , Server Room Environments

Outdoor Server Cabinets and Enclosures  
Discover our range of outdoor cabinets weatherproofed for ultimate protection. Our outdoor data cabinets and outdoor server rack cabinets are perfect for

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### Outdoor Server Racks & Cabinets , IP55 Rated , Australia

Protect your critical hardware in any environment with our range of IP55-rated outdoor cabinets and racks, shipped Australia-wide from our Sydney and Melbourne warehouses. Built for harsh Australian

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### US20150195958A1

A method is disclosed for installing additional heat exchangers on the support structure of a modular server rack cooling structure to meet increased cooling capacity requirements without

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## Temperature Monitoring in Server Rooms: Ensuring

Ways to Regulate Temperature Levels In addition to computer room environmental monitoring tools, server cabinet cooling systems are installed in

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## 27U NEMA 4 NEMA 4X Weatherproof Outdoor Server Cabinet Enclosure

Airflow Management Blanking Panel Kit (1U, 2U, 4U, 8U) 18U Weatherproof NEMA Outdoor Steel Enclosures for 19" Equipment Racks 1U depth adjustable fixed shelf for server rack enclosure 1U

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## Electriduct IP55 Rack Outdoor Network Cabinets

For outdoor server and network applications, the weatherproof rack cabinet is designed to protect equipment from water, environmental elements, and debris.

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## Industrial HVAC Telecom Enclosures , NEMA-Rated

Premium HVAC outdoor telecom enclosures with NEMA 4/4X ratings for extreme environments. Our temperature-controlled electrical cabinets feature

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For datasheets, pricing, or custom fiber access solutions, please visit:  
<https://frindel.es>