Low-temperature type of data center user cabinet

The "default" Class A1 is typically a data center with tightly controlled environmental parameters (dry-bulb temperature, dew-point temperature, and relative humidity) and mission critical operations.

In order to save energy, the temperature outside does not need to be below the data center"s temperature set point; it only has to be cooler than the return air that is exhausted from the room.

The ClimateCab NEMA 12 Cabinet is the answer when you need to house servers or IT equipment outside the data center, especially in harsh environments, and don"t have a cooling infrastructure in place.

Because data centers are high-density enclosed spaces that generate a significant amount of heat, traditional comfort cooling systems can"t remove enough heat to protect the critical equipment. Instead, these unique ...

The ClimateCab(TM) IP52 / NEMA-12 Cabinet is the answer when you need to house servers or IT equipment outside the data center, especially in harsh environments, and don"t have a cooling infrastructure in place.

A key way to realize this energy effi ciency potential and enable maximum capacity utilization is to eliminate the mixing of cold and hot air within the cabinet and at the room level delivering higher return air temperatures to ...

Discover a full range of cooling systems for your data center and computer room air conditioning technologies that save energy and water while simplifying deployment.

With less than 2° temperature variation from top to bottom of the cabinet, DDC delivers consistent air supply and temperature management to even the most dynamic workloads. An innovative liquid heat exchange within ...

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Figure 2 above shows an example of a typical data center facility space plan. Most data centers have four types of vironmental areas: ballroom spaces, hot aisles, cold aisles, and grey areas. Many data center designs ...

Net-AccessTM Cabinets have been designed to eliminate every possible air gap other than those needed to mount equipment. This minimizes by-pass air and recirculation in the cabinet providing lower inlet temperatures.

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