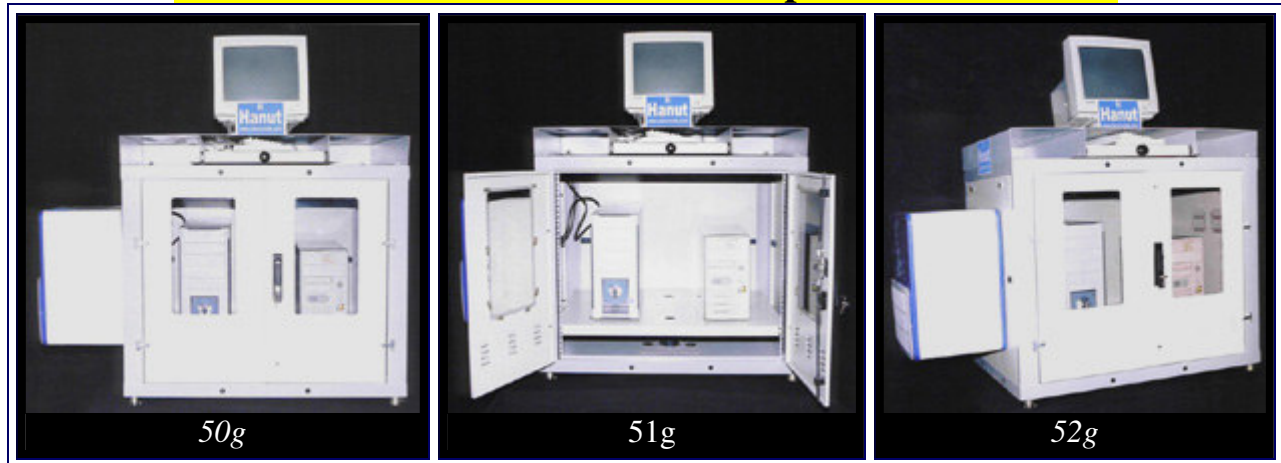


Hanut India: air conditioned computer server racks



Hanut India panel air-conditioned computer cabinets are designed to provide a thermally conditioned environment for the reliable operation of the housed computers, servers and other IT equipment.

Working concept of Hanut India panel air conditioned computer cabinets

The computer cabinet is equipped with one panel conditioner and one or two exhaust fans.

During summer season the panel conditioner will maintain the rack's temperature below 30 degree C. When the panel conditioner is working the exhaust fan(s) are kept switched off.

During cooler part of the year when the room temperature is below 30 degree C the panel air conditioner is switched off and exhaust fan(s) are turned on. Exhaust fan(s) expel hot air from the rack thereby maintaining the computer cabinet's temperature below 35 degree C.

This smart use of panel air conditioner and exhaust fan saves electricity and prolongs the life of the panel conditioner.

Hanut India air conditioned computer racks thus provides a thermally conditioned environment for reliable operation of the housed IT equipment at minimal cost.

Unique features of Hanut India panel air conditioned computer cabinets

- * To improve insulation and cooling efficiency the rack's inside is covered with insulating foam of thickness 10mm (minimum).
- * Panel conditioner is attached to the rack without ducting. Direct attachment i.e. no ducting means better cooling and minimal chances of cold air escaping from the rack. Panel conditioner can be easily removed and reattached to the rack allowing for easy maintenance.
- * **Success of an air conditioned computer rack depends significantly on the quality of the panel air conditioner (AC) used.** Hanut India has tie up with two of the leading panel AC manufacturers in India enabling it to offer premium quality panel ACs with its air conditioned computer racks.

Information on the panel air conditioned computer cabinet shown

This cabinet was designed to provide a thermally conditioned environment to a server and a PC. Using Hanut India portable 2 port kvm switch only a single keyboard, mouse and monitor were required to manage the server and the PC.

- * 765mm high × 1000mm wide × 700mm deep rack.
- * Space saving SPLIT front door with 2 point locking arrangement
- * Lockable and removable rear and side panels
- * One 4" exhaust fan
- * Rack basic frame made from MIG welded 2mm thick CRCA sheet steel

Panel air conditioner with cooling capacity: 950Kcal (approx. 0.3 tons)
Govt. approved environment friendly refrigerating gas.
Branded compressor - Kirloskar / Tushkumesh / Dishik make compressor.
Minimal onsite routine maintenance is required

Application in Industry and rural bank branches

Hanut India panel air conditioned computer cabinets are cost effective alternative to traditional approach of building a dedicated computer room with room air conditioner.

Request a copy of our white paper highlighting the significant advantages of air conditioned computer cabinets over dedicated computer rooms with room air conditioners.

Customers in India: State Bank of Bikaner and Jaipur (SBBJ), State Bank of Hyderabad,...

In addition to the computer cabinet shown above Hanut India offers several other tested air conditioned computer cabinet configurations. Hanut India can also custom build computer cabinets as per customer's specifications and/or requirements.

Contact us for your panel air-conditioned computer cabinet requirements.

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