

珠海鉦高機電設備有限公司
RENOVO ZHUHAI LTD.

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珠海鉦高機電設備有限公司
珠海市香洲前山界涌工業區豐達路23號
電話: +86-756-8595968
傳真: +86-756-8595969
網址: www.renovoafr.com



Renovo Zhuhai Ltd.
A2 Jiechong Industry Area, Zhuhai PRC
Tel: +86-756-8595968
Fax: +86-756-8595969
http://www.renovoafr.com





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Renovo Computer Room Row to Row Cooling System *Precision Cooling for Data Center Equipment*

雷諾威新一代的 RTR™ 系統安裝在數據中心的機架之間，對於服務器熱源提供了最直接和節約的制冷方式。由於使用了耦合式壓縮機技術，使得正常運行時可以節省至少**30%**的能耗。

Renovo new generation RTR™ system is stalled within the row of data center racks, to provide the most direct and energy cost saving method to cool down the server heat sources . Due to the use coupling compressor technology under normal operation it can save up 30% energy or more.





由于采用了带轮机柜，不但置放方便，同时提供了最大的靈活度和最小的占地面積，這也可節省至少15%的空間，此外也因為在設計上采用了只須前后檢修的方式使得安裝和維護變得容易。

Utilizing of caster mounted racks, not only provide an easy placement , same time will give the most flexibility and smallest foot print of the system. This will result a 15% or more on space saving , In addition with the feature of easy to install and maintain due to its only front and back accesses design.



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采用了變速電子換相風機和水平空氣流不但可以降低運行時的電能成本，同時也能够在沒有高架地板及有高架地板的兩種情況下使用。同時我們可以提供銳高公司最新的耦合壓縮機技術不但節省了更多的能耗也提供了更加的可靠性。

Use variable speed EC fan and horizontal airflow will not only save the cost on the energy during operation, in addition will fit to non-raised or raised floor without any barrier. There is available to use our most up-to-date coupling compressor technology, this will not only save more energy also increase the reliability.



本產品有多種形式包括風冷和冷凍水系統。為了強化能源管理的效果，客戶可以採用我們具有專利的智能通風地板以到達最節能的效果。

It is available in the form of Air cool and chilled water systems. To maximize the effect of energy management, the customer may chose our patented Smart Air Floor™ to reach the most energy saving result.



此產品特別適用於按照冷邊/熱邊安排的機架排來使用。對於電腦機房的熱點而言，這也是一個好的解決方案。尤其是在和我們有專利的智能通風地板共同使用時，對高于平均熱負荷密度的機架設備能更快的降低溫度。

This product is special suitable for rows of racks under the configuration of cold aisle/hot aisle arrangement. For a hot spot in the computer room, this can be an ideal solution for it. Especially combine with our patented Smart Air Floor™, the rack equipment with higher than average density heat load such as blade server can be cooled down lot easier.



在現實世界，由于使用了高密度負載的刀片式服務器，這使得熱負載不斷地做出動態的變化，爲了冷却他以達到動態平衡，銓高公司的機櫃空調 (RTR) 提供了目前市場上可選的最佳方案的一種。

In the real world, due to the utilizing of the high density heat load of blade servers, which generate the dynamic heat load from time to time, in order to cool it down and achieve the balance, Renovo RTR system offer you one of the best solution available in the market.

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技術參數 Technical Data

標稱制冷量Normal Capacity	5KW to 10KW 風冷式一體機 Air cooled mono block unit 20KW to 40KW 風冷式 Air cooled 20KW to 45KW 冷凍水式 Chilled Water cooled
輸入電壓Input Voltage	380/220V 50/60Hz 3ph
冷媒Refrigerant	R22、R407C、R410A
箱體Cabinet	標準42U櫃式箱體 Standard 42U Cabinet
壓縮機Compressor	耦合壓縮機組Coupling Compressor units
風機Fans	變速電子換相風機Variable speed EC fans
尺寸Dimensions	高Height 2000mm 寬Width 600mm(300mm) 深 Depth 1100mm
選件Options	濕度控制 Humidification Control 電加熱 Electric Reheat 冷凝水泵 Condensate Pump 漏水探頭 Water leakage detector RS485 通信接口 RS-485 Modbus card