

CtrlTech launched SPD Series Indoor Swimming Pool Dehumidifier in UAE.

CtrlTech is One stop solution provider for dehumidification in Dubai, UAE.

DUBAI, DUBAI, UNITED ARAB EMIRATES, May 26, 2015

/EINPresswire.com/ -- It is very important to consider [swimming pool dehumidifier](#) while doing swimming pool design. CtrlTech offer specialised SPD series [dehumidifier](#) ranging from 56 liters/day to 900 liters/day. In this article we will review SPD series pool dehumidifier in detail which can help you as dehumidifier buying guide. CtrlTech offers Indoor Pool Dehumidifier in Dubai, UAE, Oman, Qatar and Kuwait. Lets discuss various features of SPD series dehumidifier.

Description of SPD Dehumidifier:

SPD series dehumidifier is wall or ceiling mount dehumidifier. This swimming pool dehumidifier is easy to install, require only three Dehumidifier for swimming pool design.connection of power, drainage and controller connection. It can be connected in parallel with air conditioner duct or can be connected independently. Unit provided with LCD controller and connected with unit with special plug to unit. It can be use as residential indoor pool dehumidifier and commercial swimming pool dehumidifiers. SPD series model is best solution for indoor pool dehumidification.

Housing and body:

Body of SPD series indoor swimming pool dehumidifier is made from adopts steel frame structure, it is compact, with strong corrosion resistance, and consists of anti-cold bridge device, effectively



preventing the "condensation" phenomenon. With removable flush seamless access panels, it is very easy for maintenance. Water tray equipped ensures that all condensate water drain out, preventing water stagnation.

Duct:

Inlet and outlet duct size is different across different capacity of dehumidifier depending on air flow. Removable filter is equipped in each air inlet hole, 35% filtration efficiency. At supply duct a centrifugal fan with steel volute and blades is provided SPD-136L swimming pool [Dehumidifier in UAE](#).which ensures high efficiency and low noise.

Refrigeration system:

In SPD series Pool Dehumidifier extra use energy-saving heat exchanger, integrated using a liquid separator reservoir and heat exchangers, it can effectively regulate the fluid flow volume, maximizing freezing capacity, and ensuring compressor operate well. Meanwhile, dry filter was introduced in this system to prevents clogging/impurities in expansion valve or capillary. It equipped with patented defrosting structure, it brings stable operation of refrigeration system. Hydrophilic membrane fin(heat exchanger), heat transfer efficiency increases by 20%. Good insulation material also increases insulating effect by 15%.

Compressor:

Compressor is the core part of this dehumidifier. It directly impact dehumidifier's performance. It is the heart of this dehumidifier, provides powers for whole system. SPD series swimming pool dehumidifier consists of only use the international SPD-136L swimming pool Dehumidifier in Qatar, Kuwait, UAE,OMAN.well-known brand compressors: Panasonic compressor and Dakin compressor.

Throttling device system:

Throttling device system is one of four important system in refrigeration systems. It will reduce the liquid refrigerant(coming from condenser)'s high pressure, make the refrigerant absorb heat under low pressure(low temp) while vaporization. Anyway, it is one important component to ensure high pressure in condenser and low pressure in evaporator. As a result of direct expansion way, small cooling loss, high efficiency, it also prevents fluid striking and over-heating. Expansion valve superheat stable, the system is stable.

Protection devices:

De-humidifier controller is powerful, high overall operating performance. Motor overload and short circuit protection is introduced too; Motivation switches are provided for overload and short circuit protection.

■SPD-136L swimming pool Dehumidifier in Kuwait, UAE, Qatar,OMAN.Starting-up delay protection: If the de-humidifier is cut off normally, it will take 3 minutes when turn it on again.

■Shutdown delay protection: When the de-humidifier is cut off normally, fans will keep running for 3 minutes, bring the needless heat out of dehumidifier.

■Fans selection: Fan can stop/keep running while the setting RH is reached, customer have can set it according to their demands.

■High temperature protection: Prevent the compressor running continuously at high temperatures.

■Low pressure protection: Prevents the de-humidifier running without refrigerant; avoids compressor burned.

Selection De-humidifier for swimming pool design

While selecting dehumidifier for swimming pool we need to pay attention to selection of capacity and mounting of dehumidifier. Capacity of pool dehumidifier is depends on area of swimming pool, temperature of swimming pool water, number of occupants & indoor room temperature. bigger the swimming pool area and higher the swimming pool water temperature, evaporation will be take place at more faster rate and humidity will increase. Ceiling mount dehumidifier is always recommended for faster dehumidification. To know more about our swimming pool dehumidifier , please contact us. for Dehumidifiers sale write us at sales@ctrltechnologies.com

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