



冠賢機電股份有限公司

GWAN HSIAN ELECTRIC & MACHINERY CO., LTD.

電控箱專用冷卻空調

COOLERS FOR ELECTRICAL CONTROL PANELS

台灣
研發

高溫運轉不當機

台灣
製造



2015

國家品牌玉山獎
THE NATIONAL BRAND YUSHAN AWARD





規格表 SPECIFICATION

型式 Model No.		KA-102SAL	KA-102SAR	KA-202SAL	KA-202SAR	KA-302SAL	KA-302SAR
冷卻能力 Cooling Capacity	BTU / Hr	4200	4200	9000	9000	12000	12000
	W	1220	1220	2700	2700	3600	3600
風量 Air Flow	CMM / CFM	3.67 / 130	3.67 / 130	5.8 / 205	5.8 / 205	7.3 / 260	7.3 / 260
能源效率比值 COP	W / W	2.2	2.2	2.7	2.7	2.5	2.5
電源 Power Source	V	1∅ AC 220V 50 / 60 Hz					
	A	2.5	2.5	4.7	4.7	6.8	6.8
	W	550	550	1000	1000	1500	1500
安裝開孔尺寸 Mounting Hole Dimensions (W × H)	mm	355×325	355×325	410×420	410×420	410×420	410×420
外觀尺寸 Appearance Dimensions (W × H × D)	mm	451×747×276	451×747×276	473×1200×295	473×1200×295	473×1200×295	473×1200×295
重量 Weight	Kg	45	45	65	65	69	69
環保冷媒 Refrigerant	HFC	R407C	R407C	R407C	R407C	R407C	R407C

● 冷卻能力係依照室內 35°C / 室外 35°C 經台灣電子檢驗中心 **ETE** 實測結果；並且通過 [室外側 DB 43°C / WB 35°C 超高溫試驗]。

※除目錄規格品外，本公司亦接受客戶訂製產品。
Besides the standard products in the catalogue, we also customize products.

GWAN HSIAN



特性與功能 Features

- 內外側密閉型設計，防止外部塵埃、油霧、溼氣、其它空氣雜質進入箱內。
Airtight: Prevent dust, oil mist, humidity or any other air impurities from entering into the panel box.
- 防止電氣控制系統因電控箱內電子元件過熱產生當機，節省停工及維修成本。
Prevent electric control system from crashing down because of the electricity components become over-heated. Therefore it reduces the cost caused from the shutdown and repair.
- 有效控制電控箱內溫度及濕度，延長電控箱使用壽命。
Effectively control the temperature and humidity inside the electric control panel, therefore to extend the service life.
- 工業型冷卻空調設計，可耐周圍環境溫度35~40°C。
Industrial cooling air-conditioning makes the cooler could stand ambient temperature up to 35~ 40°C .
- 長時間不中斷使用時，建議周圍環境溫度 $\leq 35^{\circ}\text{C}$ ，當環境溫度 $\geq 43^{\circ}\text{C}$ 時，請立即停止使用避免危險。
Be sure to comply with the ambient temperature within 35°C while the cooler under long-time standing running. When the environmental temperature is higher than 43°C , please promptly stop using to avoid dangers.

應用範圍 Applications

- 各種電機、電力之控制箱。
All kinds of electronic, electricity control panels.
- NC、CNC電控箱、雷射加工機控制箱、放電加工機控制箱。
NC, CNC electric control panel, Laser processing machine control panel, EDM machine control panel.
- 重電機械設備之操作盤 / 控制箱。
Operation panel / Control panel of heavy electronic equipment.
- 電信設備、大型測量儀器。
Telecommunication equipment, Large-scale measuring equipments.



經營 理念

www.gwanhsian.com.tw

活力

誠信

優勢

執行

冠賢機電股份有限公司

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※保固條款依保證書內容為主，限台灣本島境內適用。

The warranty terms are based on the letter of guarantee, which are only effective in Taiwan.