



產業機械·冷卻、恆溫設備
Cooling / Constant Temperature Equipments
For Industrial Machinery.

產業機械科技與環保完美結合

Perfect combination of technology and environment protection for industrial machinery.



玉鼎電機實業有限公司
GREEN TEMP TECH MACHINERY CO., LTD.

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YOUR TOP CHOICE

for COOLING TECHNOLOGY
and PLASTIC AUXILIARY EQUIPMENT

客戶分布在全球50幾個國家,提供完善機械售後服務

With products distributed over fifty countries worldwide, we provide the most comprehensive after-sales service.

公司簡介

- 玉鼎電機實業有限公司創立於1981年,以公司品牌「YUTING」行銷海內外50幾國。
- 公司以專業研發及生產塑膠周邊輔助設備,本著精益求精的精神,將客戶需要與高科技融於一體。
- 1998年研發新冷媒系列,致力於環保與經濟並重。
- 1999年通過歐洲CE安全認證,符合機器安全規定,讓產品更具競爭力。
- 2001年在中國大陸昆山設立行銷服務據點。
- 2013年通過模溫控制機專利。
- 2014年增加變頻系列產品。
- 2015年大里新廠完成使用。
- 2016年通過工業4.0遠距控制冰水機專利。

- 2017年通過 ISO 9001:2015 認證。
- 2018年通過電控箱小型冷風機專利。
- 2019年榮獲台灣優良商標獎
- 2021年榮獲臺中市金手獎
- 2022年榮獲企業菁英獎
- 產品系列有風冷式、水冷式冰水機,模溫控制機,冷風定型機、工業除露機、風冷式散熱機組、密閉式冷卻水塔、雙溫冷卻機、冷熱冰水機,電控箱小型冷風機等多項產品。
- 為讓產業機械更具生產效率、高節能、高環保,在能源支出高漲時代,致力提昇企業競爭力,我們秉持不斷創新、為及提高品質,並朝人性化及節能省電全方位滿足客戶的各種需求。

THE COMPANY INTRODUCED

- GREEN TEMP TECH MACHINERY CO., LTD., was established in 1981 and sell abroad over fifty countries by company brand "YUTING".
- GREEN TEMP has been dedicated to pursuit cooling technology excellence and specialized in developing and manufacturing plastic auxiliary equipment to meet the demands of the customer and high technology.
- We developed the new cooling medium series in 1998 to equally emphasize the environment protection and economy.
- GREEN TEMP has passed the CE certified. The products are conformed the machine safety regulation to make the products more competitive.
- We established the service department in Kunshan in 2001.
- GREEN TEMP has Patent of Mold Temp. Controller in 2013.
- GREEN TEMP has increases the frequency conversion series products in 2014.
- The new factory construction of GREEN TEMP is officially completed in 2015.
- GREEN TEMP has Patent of Industrial 4.0 for Remove control chiller in 2016.
- GREEN TEMP has passed ISO 9001:2015 certified in 2017.
- GREEN TEMP has Paten of water cooled air cooler in 2018.
- GREEN TEMP won th Taiwan Trademark Award in 2019.
- GREEN TEMP won the Taichung City Golden Hand Award in 2021.
- GREEN TEMP won the Enterprise Elite Award in 2022.
- GREEN TEMP manufactures air-cooled chiller, water-cooled chiller, mold temperature controller,blown film cooler, industrial dehumidifier, air cooled fluid cooler, closed circulation cooling tower, cold/hot water chiller,water cooled air cooler.
- GREEN TEMP improves the productivity, provides power saving, and environment protection for the industries to enhance the competitive in times of great energy consumption. GREEN TEMP insisted to create innovative power saving and high quality products to satisfy the customers.
- Since 2019, YU TING company has changed company's name to GREEN TEMP TECH MACHINERY CO., LTD.



產品特色

本公司冷凍機的獨特設計塑造冷凍機的新典範—有別於傳統機種—全新設計符合歐洲安全認證 CE 規格

Our innovative and unique design provides superior performance over the conventional models. GREEN TEMP Chillers set a new standard on cooling performance. The chillers are CE certified.



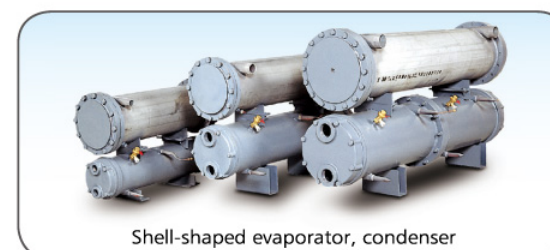
觸控全功能控制面板

Touch sensing control panel for chiller



創新功能的歐、美進口頂級壓縮機。有單機、雙機及多機複合組合。

Employs the most advanced Europe / US made compressor. Model type : single, double unit, or multiple unit combination.



高效率殼管式冰水器,殼管式冷凝器,熱傳導性優異。大幅提升冷卻速度,節省能源 25%。

The high efficiency shell-shape evaporator and condenser provide superior heat conduction. It upgrades cooling speed greatly and reduces power consumption up to 25% .

微電腦溫度控制

1. 單段溫度控制
2. 二段溫度控制
3. 多機輪值控制
4. RS485通訊介面控制

Micro-computer temperature control

1. Single temperature control
2. Two step temperature control
3. Sequential control for multiple units
4. RS485 communication interface control

風冷式上吹式設計散熱效果佳

Top blowing design with optimum heat dissipation

水冷式超高冷凝器 — 3/4"針狀牙銅管四迴路

Superior performance condenser – 3/4" – 4 circuits of copper tube

不鏽鋼冰水器 — 5/8"外螺銅管四迴路

Stainless steel evaporator – 5/8" – 4 circuits of cooper tube

不鏽鋼膨脹水箱

Stainless steel expansion water tank

世界頂級品牌壓縮機—黑金剛、丹佛斯美優樂、博克、漢鐘

World-class compressor - COPELAND · DANFOS MANEUROP · BOCK · HANBELL

安全防護措施、節能省電設計

Comprehensive safety guards 、 Save energy

溫度控制機泵浦 — 科沛達、司倍克、佩德羅

Pump for Mold Temp. Controller: CALPEDA · SPECK · PEDROLLO

- 馬達逆相控制
Motor reverse running control
- 超負荷斷電保護
Power off if overload occurs
- 散熱不良跳脫
Poor heat dissipation protection
- 電源欠相保護
Lack of phase running protection
- 冷媒不足跳脫
Insufficient cooling media protection
- 多機式順序延時起動控制
Sequential delay start for multiple units
- 防止冰水凍結
Anti-freezing
- 開啓控制箱—安全斷電裝置
Automatic power off when control opened
- 冰水泵浦過載保護
Chilled pump overload protection
- LED 異常顯示
LED display of malfunctions
- 風扇馬達過載保護
Fan motor overload protection
- 緊急停止控制
Emergency stop
- 壓縮機過載保護
Compressor overload protection
- IC 故障警報系統
IC trouble alarm
- 散熱水塔馬達過載保護
Cooling tower overload protection
- 冷媒超高洩壓裝置
Cooling media over pressure control
- 冰水流量不足控制
Insufficient cold water flow control
- 水路 by-PASS 設計
Water circuit by-pass design
- 水溫過高警示
Overheat Alarm



規格 Specification	機型 Model	KT-130	KT-150	KT-750	KT-1000	KT-1500	KT-2000	KT-2500	KT-3000
冰水溫度 Ice Water Temperature	°C	5~25							
冷凍能量 Refrigerating Capacity	Kcal/H-50Hz	7770	12980	19470	26250	38850	51770	64890	76860
	Kcal/H-60Hz	9325	15575	23362	31500	46623	62122	77873	92238
	kW-50Hz	9	15	23	31	45	60	76	89
	kW-60Hz	11	18	27	37	54	72	91	107
電壓 Power Supply	V	3P/220V~440V							
額定電力 Rated Power	kW	2.6	4.5	7.1	9	12.8	16.5	21	24.8
壓縮機馬力 Compressor Horsepower	kW	2.2	3.7	5.6	7.5	11.2	14.9	18.6	22.4
	HP	3	5	7.5	10	15	10 x2	12.5 x2	15 x2
壓縮機型式 Compressor Type	全密封式、能量控制100% Hermetic type compressor、Capacity Control 100%				全密封式、能量控制50%~100% Hermetic type compressor、Capacity Control 50%~100%				
	泵浦馬力 Pump Horsepower	kW	0.4	0.8	1.5			2.2	
冰水、冷凝水流量 Ice Water、Cool Water Flow	HP	1/2	1	2			3		
	L/min	80/100	120/150	200/250			320/400		
冰水壓力 Ice Water Pressure	bar	1.2~2							
膨脹水箱 Dilatation Water Tank	Liter	70	100		175		305		
冰水配管 Ice Water Fitting Pipe	Inch	1"	1-1/2"		2"		2-1/2"		
冷卻水配管 Cooling Water Fitting Pipe	Inch	1"	1-1/2"		2"		2-1/2"		
冷媒 Refrigerant	R	R-407C、R-404A							
溫度控制 Temperature Control		微電腦LED液晶顯示、觸控型溫度開關 Micro-computer LED and touch sensing temperature controller							
機械尺寸 Dimensions (LxWxH)	CM	90x62x124		130x81x124		177x87x136		232x93x149	
機械重量 Weight	KG	250	300	380	430	580	760	955	1200

- * 機械尺寸為板金尺寸，不含水管、不含吊環。
- * 機台型號加【E】為無水箱規格，機台型號加【M】為組立式機組，機台型號加【T】為100噸以上機種。
- * 機台型號加【G】為高壓泵浦規格。
- * 客製化特殊規格：1.節能變頻冷卻設備 2.零下低溫冷卻設備。
- * 全密封壓縮機：1.往復式 2.渦捲式。
- * 半密封壓縮機：1.往復式 2.螺桿式。
- * 冷凍能力-外氣溫度35°C (C.B)、24°C (W.B)為基準，冷凝水入口溫度以32°C、出口37°C；冰水入口溫度以12°C、出口7°C為冷凍條件。
- * 可另外選配CE規格

規格 Specification	機型 Model	KT-4000E	KT-5000E	KT-6000E	KT-6000	KT-7000E	KT-8000E	KT-100TE	KT-120TE
冰水溫度 Ice Water Temperature	°C	5~25							
冷凍能量 Refrigerating Capacity	Kcal/H-50Hz	104580	129780	154980		176666	206850	257250	307660
	Kcal/H-60Hz	125500	155740	185980		212000	248230	308700	369200
	kW-50Hz	121	151	180		206	241	299	358
	kW-60Hz	146	181	216		247	289	359	249
電壓 Power Supply	V	3P/220V~440V							
額定電力 Rated Power	kW	33.8	41.3	48.8		52.5	60	75	90
壓縮機馬力 Compressor Horsepower	kW	29.8	37.3	44.7		52.2	59.7	74.6	89.5
	HP	10HP x4	12.5HP x4	15HP x4		35HP x2	40HP x2	50HP x2	60HP x2
壓縮機型式 Compressor Type	全密封式、能量控制25%~100% Hermetic type compressor、Capacity Control 25%~100%				全密封式或半密封式、能量控制50%~100% Hermetic or Semi-hermetic type compressor、Capacity Control 50%~100%				
	泵浦馬力 Pump Horsepower	kW	3.73			泵浦選配 Pump option			
冰水、冷凝水流量 Ice Water、Cool Water Flow	HP	5							
	L/min	480/600	530/663	580/725		650/800	800/1000	1000/1100	1200/1300
冰水壓力 Ice Water Pressure	bar	1.2~2							
膨脹水箱 Dilatation Water Tank	Liter	-			330		-		
冰水配管 Ice Water Fitting Pipe	Inch	3"				4"		5"	
冷凝水配管 Cooling Water Fitting Pipe	Inch	3"	4"			3"x2			
冷媒 Refrigerant	R	R-407C、R-404A							
溫度控制 Temperature Control		微電腦LED液晶顯示、觸控型溫度開關 Micro-computer LED and touch sensing temperature controller							
機械尺寸 Dimensions (LxWxH)	CM	237x121x166			280x130x171		255x150x180		324x190x165
機械重量 Weight	KG	1530	1755	1900	1950	2000	2500	2840	3000
保護裝置 Protection Device		壓縮機過載保護、過電流斷電器、高低壓開關、溫度開關、防凍開關、逆相開關、流量開關、冷媒超高洩壓閥 Compressor overload protector、Overcharging relay、High/Low refrigerant pressure switch、Temperature switch、Cold prevention switch、Reverse current switch、Flow control switch、Refrigerant release valve.							

- * Machine dimension is frame dimension not including length of piping.
- * Machine numbers suffixed with【E】are not provided with water-tank；Machine numbers suffixed with【M】are combination of water chiller；Machine numbers suffixed with【T】are cooling capacity more than 100 tons.
- * Model numbers suffixed with【G】are employed with a high pressure pump.
- * Customized optional equipment：1. Power saving-Inverter type. 2. Subzero cooling equipment.
- * Hermetic compressor：1. Piston type. 2. Scroll type.
- * Semi-hermetic compressor：1. Piston. 2. Screw type.
- * Refrigerating capacity is based on condition of 35°C (D.B)、24°C (W.B)；Inlet condensation water temperature at 32°C，outlet condensation water temperature at 37°C；Inlet chilled water temperature at 12°C，Outlet chilled water temperature at 7°C.



YT-110S



YT-120S CE



YT-150S CE



YT-1500S CE



YT-3000SG CE



YT-8000E CE

規格 Specification	機型 Model	YT-110S	YT-120S	YT-130S	YT-150S	YT-750S	YT-1000S	YT-1500S	YT-2000S	YT-2500S	YT-3000S
冰水溫度 Ice Water Temperature	°C	5~25									
冷凍能量 Refrigerating Capacity	Kcal/H-50Hz	2520	5040	7560	12600	18900	25200	37800	50400	63000	75600
	Kcal/H-60Hz	3024	6048	9073	15120	22682	30242	45363	60480	75600	90720
	kW-50Hz	3	6	9	15	22	29	44	59	73	88
	kW-60Hz	4	7	11	18	26	35	53	70	88	105
電壓 Power Supply	V	1P/220V 3P/220V~440V									
額定電力 Rated Power	kW	1.25	2	3	4.9	7.9	9.8	14.3	18.8	23.3	27
壓縮機馬力 Compressor Horsepower	kW	0.8	1.5	2.2	3.7	5.6	7.5	11.2	14.9	18.6	22.4
	HP	1	2	3	5	7-1/2	10	15	10x2	12.5x2	15x2
壓縮機型式 Compressor Type		全密封式、能量控制100% Hermetic type compressor、Capacity Control 100%					全密封式、能量控制50%~100% Hermetic type compressor、Capacity Control 50%~100%				
風扇馬力 Fan Horsepower	kW	0.2	0.3	0.4		0.8		1.5		2.2	
	HP	1/4HP	1/3HP	1/2HP		1/2HPx2		1HPx2		1HPx3	
風扇葉片 Fan Blade	Inch	12"	18"	24"		24"x2		28"x2		28"x3	
排風量 Amount of Wind Arranged	CMM	55	65	130		260		280		420	
泵浦馬力 Pump Horsepower	kW	0.4		0.8		1.5		2.2			
	HP	1/2		1		2		3			
冰水流量 Ice Water Flow	L/min	60		120		200		280		320	
冰水壓力 Ice Water Pressure	bar	1.2~2									
膨脹水箱 Dilatation Water Tank	Liter	15	25	65		110		145		250	
冰水配管 Ice Water Fitting Pipe	Inch	1"			1-1/2"		2"		2-1/2"		
冷媒 Refrigerant	R	R-407C、R-404A									
溫度控制 Temperature Control		微電腦LED液晶顯示、觸控型溫度開關 Micro-computer LED and touch sensing temperature controller									
機械尺寸 Dimensions (LxWxH)	CM	82x36x92	82x65x108	90x88x158		167x88x186		196x106x196		262x112x198	
機械重量 Weight	KG	110	160	250	320	520	580	740	870	1050	1150

- * 機械尺寸為板金尺寸，不含水管、不含吊環。
- * 機台型號加【E】為無水箱規格，機台型號加【T】為100噸以上機種。
- * 機台型號加【G】為高壓泵浦規格。
- * 客製化特殊規格：1.節能變頻冷卻設備 2.零下低溫冷卻設備。
- * 全密封壓縮機：1.往復式 2.渦捲式。
- * 半密封壓縮機：1.往復式 2.螺桿式。
- * 冷凍能力-外氣溫度35°C (C.B.)、24°C (W.B)為基準，冷凝水入口溫度以32°C、出口37°C；冰水入口溫度以12°C、出口7°C為冷凍條件。
- * 可另外選配CE規格。

規格 Specification	機型 Model	YT-4000E	YT-5000E	YT-6000E	YT-6000S	YT-7000E	YT-8000E	YT-100TE	YT-120TE
冰水溫度 Ice Water Temperature	°C	5~25							
冷凍能量 Refrigerating Capacity	Kcal/H-50Hz	100000	126000	151000		176666	201666	252500	302400
	Kcal/H-60Hz	120000	152000	182000		212000	242000	303000	360880
	kW-50Hz	116	147	176		205	235	294	352
	kW-60Hz	140	177	212		247	281	352	420
電壓 Power Supply	V	3P/220V~440V							
額定電力 Rated Power	kW	38.3	47.3	54.8		58.5	66	81	96
壓縮機馬力 Compressor Horsepower	kW	29.8	37.3	44.7		52.2	59.7	74.6	89.5
	HP	20HP x2	25HP x2	30HP x2		35HP x2	40HP x2	50HP x2	60HP x2
壓縮機型式 Compressor Type	V	半密封式、能量控制50%~100% Semi-hermetic type compressor、Capacity Control 50%~100%							
風扇馬力 Fan Horsepower	kW	4.5		5.9					
	HP	1HPx6		1HPx8					
風扇葉片 Fan Blade	Inch	28"x6		28" x8		30" x8			
排風量 Amount of Wind Arranged	CMM	830		1100		1680		2000	
泵浦馬力 Pump Horsepower	kW	3.7							
	HP	5							
冰水流量 Ice Water Flow	L/min	480	530	580		650	800	1000	1100
冰水壓力 Ice Water Pressure	bar	1.2~2							
膨脹水箱 Dilatation Water Tank	Liter	-			295		-		
冰水配管 Ice Water Fitting Pipe	Inch	3"			4"		5"		
冷媒 Refrigerant	R	R-407C、R-404A							
溫度控制 Temperature Control		微電腦LED液晶顯示、觸控型溫度開關 Micro-computer LED and touch sensing temperature controller							
機械尺寸 Dimensions (LxWxH)	CM	262x199x195	348x199x195			386x209x203		428x209x203	
機械重量 Weight	KG	2130	2480	2630		2800	3000	3300	3500
保護裝置 Protection Device		壓縮機過載保護、過電流斷電器、高低壓開關、溫度開關、防凍開關、逆相開關、流量開關 Compressor overload protector、Overcharging relay、High/Low refrigerant pressure switch、Temperature switch、Cold prevention switch、Reverse current switch、Flow control switch							

- * Machine dimension is frame dimension not including length of piping and rings.
- * Machine numbers suffixed with 【E】 are not provided with water-tank；Machine numbers suffixed with 【T】 are cooling capacity more than 100 tons.
- * Model numbers suffixed with 【G】 are employed with a high pressure pump.
- * Customize optional equipment：1. Power saving-Inverter type. 2. Subzero cooling equipment.
- * Hermetic compressor：1. Piston type. 2. Scroll type.
- * Semi-hermetic compressor：1. Piston. 2. Screw type.
- * Refrigerating capacity is based on condition of 35°C (D.B.)，24°C (W.B)；Inlet condensation water temperature at 32°C，outlet condensation water temperature at 37°C；Inlet chilled water temperature at 12°C，Outlet chilled water temperature at 7°C.
- * The CE specification can be selected separately.



規格 Specification		機型 Model							
		KC-056L	KC-110L	KC-216L	KC-326L	KC-539L	KC-745L	KC-1060L	KC-326L-6
溫度使用範圍 Temp. Range	°C	+35~120							
電壓 Power Supply	V	3P/220V~415V							
額定電力 Rated Power	kW	8.3	10.8	17.5	28.3	43.1	50.6	67.5	169.5
溫度控制 Temperature Control		P.I.D.微電腦觸控 (Proportional Integral Derivative) PT-100Ω							
熱傳介質 Heat Transfer Medium		水 Water							
電熱 Heater	kW	8x1	10x1	16 (8x2)	26 (13x2)	39 (13x3)	45 (15x3)	60 (15x4)	156 (26x6)
泵浦電力 Pump Power	kW	0.4	0.8	1.5	2.2	4.1	5.6	7.5	13.4
	HP	0.5	1	2	3	5.5	7.5	10	3 x6
泵浦最大流量 Pump Flow Rate (MAX)	L/min	60	150	250	350	550	750	880	350 x6
泵浦最大壓力 Pump Pressure (MAX)	Kg/cm ²	3~5							
冷卻水壓 Cooling Water Pressure	Kg/cm ²	2以上							
冷卻能量 Cooling Capacity	Kcal/H 50HZ	3800	5000	8000	12480	20000	21600	30000	76000
	Kcal/H 60HZ	4800	6000	9600	15600	25000	27000	36000	95000
冷卻方式 Cooling Type		直接冷卻 Direct Cooling							
熱水出入口 Hot Water Inlet & Outlet	Inch	1"		1-1/2"		2"		2-1/2"	1-1/2"x6
冷卻水出入口 Cooling Water Inlet & Outlet	Inch	3/4"		1"		1-1/2"		2"	2-1/2"
空氣進氣口 Air Inlet Port	m/m	8							
外觀尺寸 Dimension (LxWxH)	CM	68x30x91		88x38x91		105x48x105		125x48x105	168x105x175
機械重量 Weight	KG	80	90	135	155	220	250	300	700

※ 機械尺寸為板金尺寸，不含水管、不含吊環。
 ※ 型號加【L】為水式模溫機。
 ※ 型號加【數字】為複合多機型規格。
 ※ 溫度控制選配：RKC微電腦RS-485串列通訊介面。
 ※ 複合多機型選配：觸控人機介面PLC控制。
 ※ 由於本公司不斷的研究改進，本型錄所示之機械規格設計特性本公司有變更之權利，恕不另行通知。

※ Machine dimension is frame dimension not including length of piping height of handling ring.
 ※ Machine numbers suffixed with 【L】 are water type mold temperature controller.
 ※ Model number suffixed with 【Numbers】 are for multiple unit.
 ※ Optional equipment : RKC micro-computer serial communication.
 ※ Optional equipment for multiple until : Human-computer Interface PLC control.
 ※ We reserve the right to change specification without prior notice.

規格 Specification		機型 Model					
		KC-110LS	KC-216LS	KC-326LS	KC-539LS	KC-745LS	KC-1060LS
		KC-110LSG	KC-216LSG	KC-326LSG	KC-539LSG	KC-745LSG	KC-1060LSG
溫度使用範圍 Temp. Range	140°C 180°C	°C					
		+35~140 +35~180					
電壓 Power Supply	V	3P/220V~415V					
額定電力 Rated Power	140°C 180°C	10.8 11.1	17.5 17.9	28.2 28.6	43.1 43.5	50.6 51	67.5 67.9
溫度控制 Temperature Control		P.I.D.微電腦觸控 (Proportional Integral Derivative) PT-100Ω					
熱傳介質 Heat Transfer Medium		水 Water					
電熱 Heater	kW	10x1	16 (8x2)	26 (13x2)	39 (13x3)	45 (15x3)	60 (15x4)
泵浦電力 Pump Power	140°C 180°C	0.8 1.1	1.5 1.9	2.2 2.6	4.1 4.5	5.6 6	7.5 7.9
	140°C 180°C	1 1/0.5	2 2/0.5	3 3/0.5	5.5 5.5/0.5	7.5 7.5/0.5	10 10/0.5
泵浦最大流量 Pump Flow Rate (MAX)	140°C 180°C	150 120	200 160	250 180	430 380	500 400	600 500
泵浦最大壓力 Pump Pressure (MAX)	140°C 180°C	Kg/cm ²					
		5~9 6~11					
冷卻水壓 Cooling Water Pressure	140°C 180°C	Kg/cm ²					
		3以上 2.5以上					
冷卻能量 Cooling Capacity	Kcal/H 50HZ Kcal/H 60HZ	7000 8500	11500 13800	18000 22000	27000 34000	32000 40000	42000 52000
冷卻方式 Cooling Type	140°C 180°C	直接冷卻 Direct Cooling 間接冷卻 Indirect Cooling					
熱水出入口 Hot Water Inlet & Outlet	Inch	1"	1-1/2"		2"		2-1/2"
冷卻水出入口 Cooling Water Inlet & Outlet	Inch	3/4"	1"		1-1/2"		2"
空氣進氣口 Air Inlet Port	m/m	8					
外觀尺寸 Dimension (LxWxH)	140°C 180°C	88x38x96	105x48x110		125x48x110		
機械重量 Weight	140°C 180°C	126 150	188 220	205 225	235 315	290 335	315 345

※ 機械尺寸為板金尺寸，不含水管、吊環。
 ※ 型號【LS】為水式140°C高溫機型。
 ※ 型號【LSG】為水式180°C特高溫機型，採用無軸封泵浦。
 ※ 溫度控制選配：RKC微電腦RS-485串列通訊介面。
 ※ 複合多機型選配：觸控人機介面PLC控制。
 ※ 由於本公司不斷的研究改進，本型錄所示之機械規格設計特性本公司有變更之權利，恕不另行通知。

※ Machine numbers suffixed with 【LS】 are water type 140°C high temperature model.
 ※ Machine numbers suffixed with 【LSG】 are water-type 180°C extra high temperature model, using a shaft-sealless pump.
 ※ Optional equipment : RKC micro-computer serial communication.
 ※ Optional equipment for multiple until : Human-computer Interface PLC control.
 ※ We reserve the right to change specification without prior notice.



規格 Specification		機型 Model						
		KC-056H	KC-110H	KC-216H	KC-326H	KC-539HB	KC-745HB	KC-1060HB
溫度使用範圍 Temp. Range	°C	+35~200						
電壓 Power Supply	V	3P/220V~415V						
額定電力 Rated Power	kW	8.4	10.8	17.5	28.3	43.1	50.6	67.5
溫度控制 Temperature Control		P.I.D.微電腦觸控 (Proportional Integral Derivative) PT-100Ω						
熱傳介質 Heat Transfer Medium		合成熱煤油 Synthetic Oil						
電熱 Heater	kW	8x1	10x1	16 (8x2)	26 (13x2)	39 (13x3)	45 (15x3)	60 (15x4)
泵浦電力 Pump Power	kW	0.4	0.8	1.5	2.2	4.1	5.6	7.5
	HP	0.5	1	2	3	5.5	7.5	10
泵浦最大流量 Pump Flow Rate (MAX)	L/min	50	80	160	230	450	580	780
泵浦最大壓力 Pump Pressure (MAX)	Kg/cm ²	2~3						
冷卻水壓 Cooling Water Pressure	Kg/cm ²	2以上						
冷卻能量 Cooling Capacity	Kcal/H 50HZ	5400	7000	11500	18000	27000	32000	42000
	Kcal/H 60HZ	6800	8500	13800	22000	34000	40000	52000
標準油箱 Standard Fuel Tank	L	10			80			100
大型備油箱 Large Size Fuel Tank	L	30		45				
冷卻方式 Cooling Type		間接冷卻 Indirect Cooling						
熱煤油出入口 Synthetic Oil Inlet & Outlet	Inch	1"		1-1/2"		2"		
冷卻水出入口 Cooling Water Inlet & Outlet	Inch	1/2"		3/4"		1"		
外觀尺寸 Dimension (LxWxH)	CM	68x38x91		88x38x91		105x48x152		125x48x152
機械重量 Weight	KG	90	100	165	195	265	295	350

※ 機械尺寸為板金尺寸，不含水管、吊環。
 ※ 型號加【H】為油式模溫機。
 ※ 型號加【B】為加大備油箱規格。
 ※ 溫度控制選配：RKC微電腦RS-485串列通訊介面。
 ※ 複合多機型選配：觸控人機介面PLC控制。
 ※ 由於本公司不斷的研究改進，本型錄所示之機械規格設計特性本公司有變更之權利，恕不另行通知。

※ Machine dimension is frame dimension not including length of piping height of handling ring.
 ※ Machine numbers suffixed with【H】are oil type mold temperature controller.
 ※ Model number suffixed with【B】are for oversized reserve oil tank.
 ※ Optional equipment：RKC micro-computer serial communication.
 ※ Optional equipment for multiple until：Human-computer Interface PLC control.
 ※ We reserve the right to change specification without prior notice.

規格 Specification		機型 Model					
		KC-110HBS	KC-216HBS	KC-326HBS	KC-539HBS	KC-745HBS	KC-1060HBS
溫度使用範圍 Temp. Range	°C	+35~300					
電壓 Power Supply	V	3P/220V~415V					
額定電力 Rated Power	kW	10.8	17.5	28.3	43	50.6	67.5
溫度控制 Temperature Control		P.I.D.微電腦觸控 (Proportional Integral Derivative) PT-100Ω					
熱傳介質 Heat Transfer Medium		合成熱煤油/矽油 Synthetic Oil/Silicone Oil					
電熱 Heater	kW	10x1	16 (8x2)	26 (13x2)	39 (13x3)	45 (15x3)	60 (15x4)
泵浦電力 Pump Power	kW	0.75	1.5	2.25	4	5.6	7.5
	HP	1	2	3	5.5	7.5	10
泵浦最大流量 Pump Flow Rate (MAX)	L/min	80	130	150	330	350	430
泵浦最大壓力 Pump Pressure (MAX)	Kg/cm ²	3~5					
冷卻水壓 Cooling Water Pressure	Kg/cm ²	2以上					
冷卻能量 Cooling Capacity	Kcal/H 50HZ	8000	13000	22000	32000	37000	50000
	Kcal/H 60HZ	10000	16500	27000	40000	46500	62000
大型備油箱 Large Size Fuel Tank	L	45	80		100	100	100
冷卻方式 Cooling Type		間接冷卻 Indirect Cooling					
合成油/矽油出入口 Synthetic Oil/Silicone Oil Inlet & Outlet	Inch	1"	1-1/2"		2"		
冷卻水出入口 Cooling Water Inlet & Outlet	Inch	1/2"	3/4"		1"		
外觀尺寸 Dimension (LxWxH)	CM	88x38x131		105x48x152		125x48x152	
機械重量 Weight	KG	178	265	268	365	385	395

※ 機械尺寸為板金尺寸，不含水管、吊環。
 ※ 型號【HBS】為油式300°C特高溫機型、加大備油箱、採用無軸封泵浦。
 ※ 溫度控制選配：RKC微電腦RS-485串列通訊介面。
 ※ 複合多機型選配：觸控人機介面PLC控制。
 ※ 由於本公司不斷的研究改進，本型錄所示之機械規格設計特性本公司有變更之權利，恕不另行通知。

※ Machine dimension is frame dimension not including length of piping height of handling ring.
 ※ Machine numbers suffixed with【HBS】are oil type 300°C extra high temperature model, with oversized reserve oil tank and using a shaft-sealless pump.
 ※ Optional equipment：RKC micro-computer serial communication.
 ※ Optional equipment for multiple until：Human-computer Interface PLC control.
 ※ We reserve the right to change specification without prior notice.



KT-715F



YT-1020F

規格 Specification	機型 Model	KT-308F KT-308FC	KT-510F KC-510FC	KT-715F KT-715FC	KT-1020F KT-1020FC	KT-1525F KT-1525FC	KT-1530F KT-1530FC
冷風溫度 Air Cooling Temperature	°C	8~25					
冰水溫度 Cold Water Temperature	°C	5~20					
冷凍能量 Refrigerating Capacity	Kcal/H 50HZ	19466	26250	38833	51666	64833	76833
	Kcal/H 60HZ	23360	31500	46600	62000	77800	92200
	kW-50Hz	23	31	45	60	75	89
	kW-60Hz	27	37	54	72	90	107
電壓 Power Supply	V	3P/220V~440V					
額定電力 Rated Power	kW	6	7.9	12	15.8	20.3	24
壓縮機馬力 Compressor Horsepower	kW	5.6	7.5	11.2	14.9	18.6	22.4
	HP	7-1/2	10	15	10HP x2	12.5HP x2	15HP x2
壓縮機型式 Compressor Type		全密閉往復式或渦捲式、能量控制 100% Hermetic Piston or Scroll type、Capacity Control 100%			全密閉往復式或渦捲式、能量控制 50%~100% Hermetic Piston or Scroll type、Capacity Control 50%~100%		
泵浦馬力 Pump Horsepower	kW	0.4		0.8		1.5	
	HP	1/2		1		2	
冷風量 Air Flow	CMM	38	48	58	68	78	88
出風口徑 Air Outlet Port	Inch	6"		8"		10"	
冷卻水流量 Cooling Water Flow	L/min	200		250		320	
冷卻水配管 Cooling Water Fitting Pipe	Inch	1-1/2"		2"		2-1/2"	
冷媒 Refrigerant	R	R-407C、R-404A					
溫度控制 Temperature Control		液晶溫度顯示、微電腦溫度控制 LED temperature display、Micro-computer temperature control					
機械尺寸 Dimensions (LxWxH)	CM	148x88x173		236x106x175		236x125x188	
機械重量 Weight	KG	400	480	770	920	1080	1210
保護裝置 Protection Device		入風口過濾網、逆相保護、防止凍結、冷媒不足保護、散熱不良保護、馬達過載保護、電源欠相保護、冷媒超高洩壓閥、IC故障警報迴路 Air inlet filter, Counter-flow protection, Anti-freeze, Insufficient refrigerant protection, Poor heat dissipation protection, Motor overload protection, Compressor overload protection, Lack of phase protection, Refrigerant over pressure release, IC trouble warning.					

- * 機械尺寸為板金尺寸，不含水管。
- * 機型加【C】為直吹式規格。
- * 選配控制：溫度P.I.D.比例控制，溫度可達±1°C
- * 冷凍能力-外氣溫度35°C (D.B)、24°C (W.B)為基準，冷凝水入口溫度以32°C、出口37°C；冰水溫度入口以12°C、出口7°C冷凍條件。

規格 Specification	機型 Model	YT-308F	YT-510F	YT-715F	YT-1020F	YT-1525F	YT-1530F
冷風溫度 Air Cooling Temperature	°C	8~25					
冰水溫度 Cold Water Temperature	°C	5~20					
冷凍能量 Refrigerating Capacity	Kcal/H 50HZ	18900	25200	37800	50400	63000	75600
	Kcal/H 60HZ	22680	32240	45360	60480	75600	90720
	kW-50Hz	22	29	44	59	73	88
	kW-60Hz	26	37	53	70	88	105
電壓 Power Supply	V	3P/220V~440V					
額定電力 Rated Power	kW	6.8	8.6	13.5	17.3	22.5	26.3
壓縮機馬力 Compressor Horsepower	kW	5.6	7.5	11.2	14.9	18.6	22.4
	HP	7-1/2	10	15	20HP	12.5HP x2	15HP x2
壓縮機型式 Compressor Type		全密閉往復式或渦捲式、能量控制 100% Hermetic Piston or Scroll type、Capacity Control 100%				全密閉往復式或渦捲式、能量控制 50%~100% Hermetic Piston or Scroll type、Capacity Control 50%~100%	
泵浦馬力 Pump Horsepower	kW	0.4		0.8		1.5	
	HP	1/2		1		2	
風扇馬力 Fan Horsepower	kW	0.4 x2		0.8 x2		0.8 x3	
	HP	1/2HP x2		1HP x2		1HP x3	
冷風量 Air Flow	CMM	38	48	58	68	78	88
出風口徑 Air Outlet Port	Inch	6"		8"		10"	
冷媒 Refrigerant	R	R-407C、R-404A					
溫度控制 Temperature Control		液晶溫度顯示、微電腦溫度控制 LED temperature display、Micro-computer temperature control					
機械尺寸 Dimensions (LxWxH)	CM	167x88x185		196x106x195	221x106x195	262x112x195	
機械重量 Weight	KG	420	530	690	890	1100	1200
保護裝置 Protection Device		入風口過濾網、逆相保護、防止凍結、冷媒不足保護、散熱不良保護、馬達過載保護、電源欠相保護、冷媒超高洩壓閥、IC故障警報迴路 ir inlet filter, Counter-flow protection, Anti-freeze, Insufficient refrigerant protection, Poor heat dissipation protection, Motor overload protection, Compressor overload protection, Lack of phase protection, Refrigerant over pressure release, IC trouble warning.					

- * Machine dimension is frame dimension not including length of piping.
- * Model numbers suffixed with【C】are vertical blowing cooling.
- * Option equipment：Temp. P.I.D proportional control valve. Precision：±1°C.
- * Refrigerating capacity is based on condition of 35°C (D.B), 24°C (W.B)；Inlet condensation water temperature at 32°C, outlet condensation water temperature at 37°C；Inlet chilled water temperature at 12°C, outlet chilled water temperature at 7°C.



風車 Air Blower Motor



FS-510A



FS-1020AC



FS-715A



YT-150A



YT-1000A



YT-2000A

規格 Specification		機型 Model	FS-205A FS-205AC	FS-308A FS-308AC	FS-510A FS-510AC	FS-715A FS-715AC	FS-1020A FS-1020AC	FS-1525A FS-1525AC	FS-1530A FS-1530AC	FS-2040A FS-2040AC	FS-2550A FS-2550AC	FS-3060A FS-3060AC	FS-4080A FS-4080AC	FS-50100A FS-50100AC
搭配風車 Attached with Motor	kW HP		1.5 2	2.2 3	3.7 5	5.6 7.5	7.5 10	11.2 15	15 20	18.6 25	22.4 30	30 40	37.3 50	
搭配冰水機 Attached with Chiller	Ton		5	7.5	10	15	20	25	30	40	50	60	80	100
冷風溫度 Air Cooling Temperature	°C		8~25											
冷風能量 Refrigerating Capacity	Kcal/H 50Hz		12500	19166	25000	38300	50000	63000	75000	100800	126000	151200	201666	252500
	Kcal/H 60Hz		15000	23000	30000	46000	60000	75600	90000	121000	151200	181440	242000	303000
	kW-50Hz		15	22	29	45	58	73	87	117	147	176	235	294
	kW-60Hz		17	27	35	54	70	88	105	141	176	211	282	352
通風量 Standard Air Flow	CMM		15	28	38	48	68	73	78	98	130	156	200	230
冰水口徑 Ice Water Outlet Port	Inch		1"	1-1/2"		2"		2-1/2"		3"		4"		5"
排水口徑 Drainage Outlet Port	Inch		3/4"			1"								
冷風口徑 Air Outlet Port	Inch		6"			8"		10"		12"		14"		
機械尺寸 Dimensions (LxWxH)	A	CM	85x75x70	95x70x80	115x85x80		115x117x82		152x122x80		-	-	-	-
	AC	CM	125x76x82	150x71x90	170x86x90		170x118x90		207x123x90		216x123x130	216x123x148	235x146x168	280x146x168
機械重量 Weight	A	KG	70	120	130	150	170	180	200	350	-	-	-	-
	AC	KG	120	230	250	280	300	320	350	500	700	850	1060	1380

* 機械尺寸為板金尺寸，不含水管長度。
 * 機型加【A】為側吹式規格，機型加【AC】為直吹式規格。
 * 選配控制：溫度P.I.D.比例控制，溫度可達±1°C。
 * 冷凍能力—外氣溫度35°C (D.B)、24°C (W.B)為基準，冰水入口溫度以12°C、出口7°C為冷凍條件。
 * Machine dimension is frame dimension not including length of piping.
 * Model numbers suffixed with 【A】 are suction blowing cooling chamber；Model numbers suffixed with 【AC】 are direct blowing cooling chamber.
 * Option equipment：Temp. P.I.D proportional control valve. Precision：±1°C.
 * Refrigerating capacity is based on condition of 35°C (D.B), 24°C (W.B)；Inlet chilled water temperature at 12°C, outlet chilled water temperature at 7°C.

規格 Specification		機型 Model	YT-150A-1 YT-150A-3	YT-750A-1 YT-750A-3	YT-1000A-1 YT-1000A-3	YT-1500A-1 YT-1500A-3	YT-2000A-1 YT-2000A-3
電壓 Power Supply	V		3P/220V~440V				
冷凍能量 Cooling Capacity	Type 1	Kcal/H-50Hz	12500	18830	25000	37500	50000
		Kcal/H-60Hz	15000	22600	30000	45000	60000
	Type 3	Kcal/H-50Hz	13200	21000	27800	41800	55600
額定電力 Rated Power	Type 1	kW	9.3	13.9	15.8	21.8	26.3
	Type 3	kW	9	13.6	15.5	21	25.5
電熱 Heater	kW		4.8	7.2	7.2	9	9
壓縮機馬力 Compressor Horsepower	Type 1	kW	3.7	5.6	7.5	11.2	14.9
		HP	5	7.5	10	15	20
	Type 3	kW	3.7	5.6	7.5	11.2	14.9
		HP	5	7.5	5x2	7.5x2	10x2
壓縮機型式 Compressor Type	Type 1	全密閉往復式、能量控制 100% Hermetic Piston、Capacity Control 100%					
	Type 3	全密閉往復式、能量控制 100% Hermetic Piston、Capacity Control 100%		全密閉往復式、能量控制 50%~100% Hermetic Piston、Capacity Control 50%~100%			
冷媒 Refrigerant	R	R-407C、R-404A					
泵浦馬力 Pump Horsepower	Type 1	kW	0.37			0.8	
		HP	1/2			1	1.5
風車馬力 Fan Horsepower	kW HP	0.4 1/2	0.8 1			2	
風量 Air Volume	CMM	35	58	58	58	67	
風壓 Air Pressure	mmAq	30	60	60	60	66	
乾球溫度 Dry Bulb Temp.	°C	23~28					
濕球溫度 Wet Bulb Temp.	°C	15~18					
相對濕度 Relative Humidity	%	Type 1：35~45%、Type 3：30~40%					
露點溫度 Dew Point Temp.	°C	Type 1：5~10°C、Type 3：2~6°C					
出風口徑 AIR Outlet Port	Inch	6"			8"		
冷卻水量 Condensed Water Flow	L/min	120	180	200	210	230	
冷卻管徑 Cold Water Fitting Pipe	Inch	1"	1-1/2"			2"	
排水管徑 Drainage Fitting Pipe	Inch	1"					
機械尺寸 Dimensions (LxWxH)	CM	110x95x176		191x95x174		196x106x174	
	KG	415	630	730	820	1020	
機械重量 Weight	Type 1	415					
	Type 3	580		680		940	

* 機械尺寸為板金尺寸，不含水管及回風管。
 * 型號加【3】為除濕能力加大型。
 * 除濕能力以外氣乾球溫度(D.B) 29°C、濕球溫度(W.B) 25°C為除濕條件。
 * 可另外選配12"回風口風斗。
 * Machine dimension is frame dimension not including length of piping and air outlet port.
 * Model numbers suffixed with 【3】 are upgrade dehumidification capacity.
 * Dehumidification capacity is based on outside condition of 29°C (D.B) and 25°C (W.B).
 * Optional 12" air outlet port available.



規格 Specification		機型 Model							
		KT-100TEM	KT-120TEM	KT-140TEM	KT-160TEM	KT-180TEM	KT-200TEM	KT-250TEM	KT-300TEM
冰水溫度 Ice Water Temp.	°C	5~25							
冷凍能量 Refrigerating Capacity	Kcal/H-50Hz	260000	310800	362500	416600	466600	520000	648800	782000
	Kcal/H-60Hz	312000	373000	435000	500000	560000	624000	778600	938000
	kW-50Hz	302	361	422	484	543	605	755	910
	kW-60Hz	363	434	506	581	651	726	906	1091
電壓 Power Supply	V	3P/220V~440V							
額定電力 Rated Power	kW	75	90	105	120	135	162	190	222
壓縮機馬力 Compressor Horsepower	kW	74.6	89.5	104.4	119.3	134.2	149.1	186.4	223.7
	HP	100HPx1 / 50HPx2	60HP x2	70HPx2	80HPx2	90HPx2	100HPx2	125HPx2	150HPx2
壓縮機型式 Compressor Type		半密閉式或螺桿式、能量控制50~100% Semi-hermetic or Screw type compressor、Capacity Control 50~100%							
冰水、冷卻水流量 Ice Water、Cool Water Flow	L/min	1000/1250	1200/1500	1300/1625	1500/1875	1800/2250	2100/2625	2500/3125	2900/3625
冰水配管 Ice Water Fitting Pipe	Inch	5"			6"		4"x2		5"x2
冷卻水配管 Cooling Water Fitting Pipe	Inch	3"x2		4"x2	5"x2		6"x2		
冷媒 Refrigerant	R	R-407C、R-404A							
溫度控制 Temperature Control		微電腦LED液晶顯示、觸控型溫度開關 Micro-computer LED and touch sensing temperature controller							
機械尺寸 Dimension (LxWxH)	CM	300x130x175	320x130x175		360x130x195		430x130x210		430x153x210
機械重量 Weight	KG	2000	2300	2500	3000	3500	4500	5230	6600
保護裝置 Protection Device		壓縮機過載保護、過電流斷電器、高低壓開關、溫度開關、防凍開關、逆相關、流量開關、冷媒超洩壓閥 Compressor overload protector、Overcharging relay、High/Low refrigerant pressure switch、Temperature switch、Cold prevention switch、Reverse current switch、Flow control switch、Refrigerant release valve							

- * 機台型號加【T】為100噸以上機種，機台型號加【E】為無水箱規格，機台型號加【M】為組立式機組。
- * 機台選配需外加不鏽鋼保溫冰水桶及內、外循環冰水泵浦。
- * 半密閉壓縮機：螺桿式/往復式。
- * 冷凍能力—外氣溫度35°C (D.B)、24°C (W.B)為基準，冷凝水入口溫度以32°C、出口37°C；冰水入口溫度以12°C、出口7°C為冷凍條件。
- * Machine numbers suffixed with 【E】 are not provided with water tank；machine numbers suffixed with 【M】 are combination type chiller；machine numbers suffixed with 【T】 are cooling capacity more than 100 tons.
- * The optional equipment for combination of water chiller needs to add a stainless steel thermal insulation cold water tank, internal and external circulation pump.
- * Semi-hermetic compressor：Screw type / Piston type.
- * Refrigerating capacity is based on condition of 35°C (D.B), 24°C (W.B)；inlet condensation water temperature at 32°C, outlet condensation water temperature at 37°C；inlet chilled water temperature at 12°C, outlet chilled water temperature at 7°C.

規格 Specification		機型 Model		YT-1500E-4
冰水溫度 Ice Water Temperature	°C			5~25
冷凍能量 Refrigerating Capacity	Kcal/H 50HZ			151200
	Kcal/H 60HZ			182000
	kW-50Hz			176
	kW-60Hz			212
電壓 Power Supply	V			3P/220V~440V
額定電力 Rated Power	kW			52
壓縮機馬力 Compressor Horsepower	kW			45
	HP			15HP x4
壓縮機型式 Compressor Type				全密閉式、能量控制 25%、50%、75%、100% Hermetic type compressor、Capacity Control 25%、50%、75%、100%
風扇馬力 Fan Horsepower	kW			5.9
	HP			1HP x8
風扇葉片 Fan Blade	Inch			24" x8
排風量 Amount of Wind Arranged	CMM			1120
冰水配管 Ice Water Fitting Pipe	Inch			3"
冷媒 Refrigerant	R			R-407C、R-404A
溫度控制 Temperature Control				微電腦LED液晶顯示、觸控型溫度開關 Micro-computer LED and touch sensing temperature controller
機械尺寸 Dimensions (LxWxH)	CM			812x125x196
機械重量 Weight	KG			3200

- * 機械尺寸為板金尺寸，不含水管。
- * 機台型號加【E】為無水箱規格，機台型號加【T】為100噸以上機種。
- * 客製化特殊規格：1. 節能變頻冷卻設備 2. 零下低溫冷卻設備。
- * 全密閉壓縮機：1. 往復式 2. 渦捲式。
- * 半密閉壓縮機：1. 往復式 2. 螺桿式。
- * 可另外選配CE規格。
- * Machine dimension is frame dimension not including length of piping and rings.
- * Machine numbers suffixed with 【E】 are not provided with water-tank；Machine numbers suffixed with 【T】 are cooling capacity more than 100 tons.
- * Customize optional equipment：1. Power saving-Inverter type. 2. Subzero cooling equipment.
- * Hermetic compressor：1. Piston type. 2. Scroll type.
- * Semi-hermetic compressor：1. Piston. 2. Screw type.
- * The CE specification can be selected separately.



變頻冰水機系列 INVERTER TECHNOLOGY

- 做環保，愛地球 Protect environment and Love our Earth
- 節約能源，綠能減碳 Power saving and Carbon reduction



- 可節能省電30%
- 效能加倍提昇冷凍能力
- 快速降溫冷卻
- 多段控制
- 保持穩定溫度
- Power saving 30%
- More Efficient & Capacity Increase
- Rapid Cooling
- Multi Step Control
- Maintain Stable Temperature

INVERTER TYPE WATER CHILLER



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- 複合型、微電腦可程式控制器包含web server 人機介面 (HMI)
- 遠端定時開、關機、故障偵測
- 變頻器控制
- 溫度/壓力/耗電 (偵測、紀錄、趨勢圖、畫面擷取)
- 手機、平板、電腦 (APP、網頁連線)
- Composite microcomputer programmable controller contains HMI
- Remove timer switch, fault detection
- Inverter control
- Temperature / pressure / power (detection, record, trends, screen capture)
- Smart phone, iPad, PC (APP, Web Connection)