YUTING®

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

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

35% ENERGY SAVING

- 可節能省電30~35%
- 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 30~35%
- More Efficient & Capacity Increase
- Rapid Cooling
- Multi Step Control
- Maintain Stable Tempeature

INVERTER TYPE WATER CHILLER

智慧製造-工業4.0 互聯網遠距操控系列
SMART MACHINE -TECHNOLOGY OF INDUSTRIAL 4.0
REMOVE CONTROL

- 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)

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YUTING®

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

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YOUR
TOP CHOICE
for COOLING TECHNOLOGY
and PLASTIC AUXILIARY EQUIPMENT

服務網

客戶分布在全球30幾個國家,提供完善機械售後服務

With products distributed over thirty 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30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
- 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ISO9001:2015認證
- 2018年通過電控箱小型冷風機專利
- 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、密閉式散熱機組、散熱水塔、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

- YU TING Refrigerator Co., Ltd., was established in 1981 and sell abroad over thirty countries by company brand "YUTING".
- YU TING 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.
- YU TING 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.
- YU TING has Paten of Mold Temp. Controller in 2013
- The new factory construction of YU TING is officially completed in 2015.
- YU TING has Paten of Industial 4.0 for Remove control chiller in 2016
- YU TING has passed ISO9001:2005 certified in 2017.
- YU TING has Paten of water cooled air cooler in 2018
- YU TING manufactures air-cooled chiller, water-cooled chiller, mold temperature controller,blown film cooler, industrial dehumidifier, air cooled fluid cooler, enclosed cooling tower duel temp. water chiller, cold/hot water chiller,water cooled air cooler.
- YU TING improves the productivity, provides power saving, and environment protection for the industries to enhance the competitive in times of great energy consumption.YU TING insisted to create innovative power saving and high quality products to satisfy the customers.

電控箱小型冷風機
Water cooled Air Cooler

規格 SPECIFICATION		機型 MODEL	AIR-10HE	AIR-15HE
溫度範圍	TEMP. RANGE	°C	15~35	
冷凍能量	REFRIGERATING CAPACTIY	Kcal/H	2300	3600
電壓	POWER SUPPLY		1P/220V/50Hz	
額定電力	RATED POWER	W	80	130
額定電流	RATED CURRENT	A	0.5	0.65
風量	AIR FLOW	CMM	230	550
冰水流量	ICE WATER FLOW	L/min	13	21
冰水配管	ICE WATER FITTING PIPE	inch	1/2"	3/4"
排水口	DRAINAGE	inch	1/2"	3/4"
回風口	RETURN PORT	m/m	Ø 115	Ø 128
出風口	OUTLET PORT	m/m	220x62	260x77
噪音值	SOUND LEVEL	dB	50	60
機械尺寸	DIMENSION (L x W x H)	mm	300x150x550	360x170x650
機械重量	WEIGHT	kg	12	15

冰水和冷風溫度對照　PERFORMANCE DATA

冰水溫度	Cold Water Temperature	10°C	15°C	20°C
冷風溫度	Air Inlet Temperature	13~15°C	18~20°C	23~25°C

功能特性：搭配冰水系統，為電控箱提供乾淨、低溫空氣，降低電子元件溫度，提高電子元件壽命
應用範圍：各種電機、電力控制箱
特　　點：降低成本/節省電力/低故障率/安裝快速/美觀耐用
優　　點：1. 只要現場提供10~15°C冰水給冷風機使用，降溫速度比一般空調機更快
2. 在環境溫度很高的狀況下，小型冷風機依然可以保持電控箱的恆溫

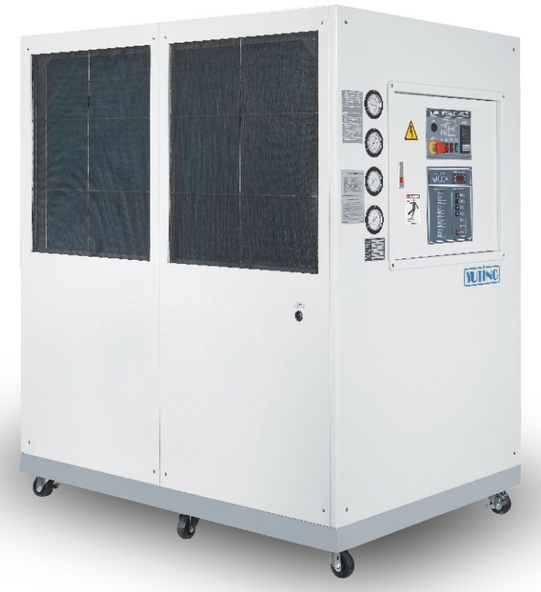
INTRODUCTION: Matching with cold water system to supply clean and low temperature air.
Reducing the temperature of electric components and extend service life.
APPLICATION: Control box for all kinds of machines
FEATURES: Reducing cost/Saving energy/Low malfunction/Simple and easy installation/Attractive and durable
ADVANTAGE: 1. Reducing temperature rate is more fast than air conditioner if supplying 10~15°C cold water for air cooler.
2. Water cooled Air cooler can maintain constant temperature even in high temperature environment.

雙溫冰水機
Duel Temp. Water Chiller

規格 SPECIFICATION / 機型 MODEL		YT-1000S-2T	YT-1500S-2T	YT-2000S-2T	YT-2500S-2T	YT-3000S-2T
冰水溫度 ICE WATER TEMP	°C	5~35				
冷凍能量 REFRIGERATING CAPACTIY	Kcal/H-50Hz	25200	37800	50400	63000	75600
	Kcal/H-60Hz	30242	45363	60480	75600	90720
電壓 POWER SUPPLY		3P. 220V~440V				
額定電力 RATED POWER	KW	11	15	19	25	29
壓縮機馬力 COMPRESSOR HORSEPOWER	HP	10	15	10HPx2	12.5HPx2	15HPx2
風扇馬力 FAN HORSEPOWER	HP	1/2HPx2	1HPx2		1HPx3	
風扇葉片 FAN BLADE	inch	24"x2	28"x2		28"x3	
排風量 AMOUNT OF WIND ARRANGED	CMM	260	280		420	
冰水泵浦馬力、冷卻水泵浦馬力 ICE、CIRCULATION PUMP HORSEPOWER	HP	2HP/1HP			3HP/2HP	
冰水、冷卻水流量 Ice、Circulation water flow	L/min	180/120	210/120		320/210	
冰水、冷卻水壓力 Ice、CirculationWater Pressure	BAR	1~1.8				
膨脹水箱 Dilatation water tank	Liter	120	200		350	
冰水配管 Ice water fitting pipe	inch	1-1/2	2		2-1/2	
冷卻水配管 Circulation water fitting pipe	inch	1"	1-1/2"		2"	
冷媒 Cooling medium	R	R407C				
機械尺寸 Unit Size (LxWxH)	CM	190x105x187	214x106x196		280x115x200	
機械重量 Unit Weight	Kg	620	765	900	1080	1180
保護裝置 Protection device	壓縮機過載保護器、過電流斷電器、高低壓開關、溫度開關、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.					

※ 冷凍能力以外氣溼球溫度(W.B)30°C，冰水溫度7.2°C為冷凍條件
※ 適用:模具降溫冷卻及機械油溫冷卻
※ 特點:一機雙用途，冰水10°C溫水30°C雙輸出，並可保持水質乾淨循環
※ The capacity of refrigerating is based on outside condition of 30°C(W.B) and cold water temperature at 7.2°C
※ SUITABLE: For mold cooling and hydraulic oil cooling of machine
※ Features: eatures: Supplying 10°C cold water and 30°C warm water for dual using and keeping circulation water clean.

冷熱冰水機
Cold / Hot Water Chiller



規格 SPECIFICATION / 機型 MODEL		YT-3-110L	YT-5-216L	YT-7-326L	YT-10-539L	YT-15-745L
溫度範圍 TEMP. RANGE	°C	8~120				
冷凍能量 REFRIGERATING CAPACTIY	Kcal/H-50Hz	7560	12600	18900	25200	37800
	Kcal/H-60Hz	9073	15120	22682	30242	45363
電壓 POWER SUPPLY		3P/220V~440V				
額定電力 RATED POWER	KW	13.8	22	34	50	56
壓縮機馬力 COMPRESSOR HORSEPOWER	HP	3	5	7-1/2	10	15
壓縮機型式 COMPRESSOR TYPE		全密閉式、能量控制100% Hermetic type compressor、Capacity Control 100%				
風扇馬力 FAN HORSEPOWER	HP	1/2HP	1/2HP	1/2HPx2	1/2HPx2	1HPx2
風扇葉片 FAN BLADE	inch	24"	24"	24"x2	24"x2	28"x2
排風量 AMOUNT OF WIND ARRANGED	CMM	130	130	260	260	280
冰水泵浦馬力 ICE WATER PUMP HORSEPOWER	HP	1/2	1	2	2	2
膨脹水箱 DILATION WATER TANK	Liter	70	70	120	120	200
冷媒 COOLING MEDIUM		R407C				
電熱 HEATER	KW	10(5x2)	16(8x2)	24(12x2)	36(12x3)	39(13x3)
熱水泵浦電力 HOT WATER PUMP	KW	0.75	1.5	2.25	4	5.6
	HP	1	2	3	5.5	7.5
熱水泵浦最大流量 WATER FLOW (MAX.)	L/min	150	250	350	550	750
熱水泵浦最大壓力 WATER PRESSURE (MAX.)	BAR	3~5				
溫度控制 TEMPERATURE CONTROL		P.I.D微電腦觸控 (PROPORTIONAL INTEGRAL DERIVATIVE)				
冷卻方式 COOLING TYPE		冷凍水冷卻 (COOLING BY COLD WATER)				
出入口管徑 INLET & OUTLET	inch	1	1	1-1/2	1-1/2	2
重量 WEIGHT	kg	350	450	550	650	800
保護裝置 PROTECTION DEVICE	各式保護裝置: 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、緊急停止開關、欠逆相警報、冷卻水不足警報、液位過低警報、溫度超高警報、泵浦馬達過載警報、強制降溫裝置、管路排氣裝置 Compressor overload protector, Overcharging relay, High/Low refrigerant pressure switch, Temp. switch, Anti-freeze switch, Reverse current switch, Flow control switchEmergency Stop Switch、Phase Reverse Alarm、Insufficient cooling Alarm、Low level Alarm、Overheat Alarm、Overload Alarm、Forced cooling device、Piping exhaust device					

※ 適用:產業機械模具加溫、降溫使用
※ 特點:可設定冷水輸出或熱水輸出

※ SUITABLE: For heating and cooling mold tooling of machinery.
※ Features: Selecting function for output of cold water or hot water.

低溫冷風乾燥機
Low Temperature Air Cool Dryer

規格 SPECIFICATION / 機型 MODEL		YT-020F	YT-030F	YT-050F	YT-075F	YT-100F	YT-150F
最大處理風量 (7 kg/cm²) MAX. AIR FLOW AT 7 KG/CM²	CMM	500~800	1100~1800	2300~3000	3500~4000	5000~6200	7000~9500
	CFM	14.3~23	32~52	66~85	100~115	143~177	200~272
壓力範圍 PRESSURE RANGE	kg/cm²	6~10		6~10		6~10	
溫度範圍 TEMP. RANGE	°C	-15~+25		-15~+25		-15~+25	
電壓 VOLTAGE		3 Ø .220V.~ 440V					
額定電力 RATED POWER	KW	1.73	2.6	4.1	6.3	8.25	12.8
壓縮機馬力 COMPRESSOR HORSEPOWER	HP	2	3	5	7.5	10	15
冷凍能力 (溫度 7°C) REFRIGERATING CAPACITY (TEMP. 7°C)	Kcal/H-50Hz	5040	7560	12600	18900	25200	37800
	Kcal/H-60Hz	6048	9073	15120	22682	30242	45363
風車馬力 FAN HORSEPOWER	HP	1/3	1/2	1/2	1/2x2	1/2x2	1x2
冷卻方式 COOLING TYPE		氣冷 Air cooled			氣冷(水冷) Air cooled(Water cooled)		
冷媒 COOLING MEDIUM	R	R404A			R404A		
溫度控制 TEMP. CONTROL		P.I.D.微電腦觸控 (PROPORTIONAL INTEGRAL DERIVATIVE)					
出入口管徑 INLET & OUTLET	inch	3/4"	1"	1"	1-1/2"	1-1/2"	2"
排水口管徑 DRAINAGE	inch	1/2"	3/4"	3/4"	1"	1"	1"
機械尺寸 MACHINE SIZE	cm	82x65x130	90x88x172		167x88x190		196x106x198
機台重量 WEIGHT	kg	230	300	350	480	580	700
適用空壓機馬力 ATTACHED WITH AIR COMPRESSOR	HP	5~7.5	10~15	20~25	30	40~50	60~75

※ 冷凍能力以外氣溫度35°C(D.B)、24°C(W.B)為基準
※ 用途: 將空氣壓縮機的空氣急速降溫至常溫以下，使模具保持低溫提高產能
※ 特點: 將空氣溫度降低，同時也將露點及溼度降低
※ 優點: 提高吹瓶產能30%以上及提高產品質量
※ 備註: 1.前段搭配:除濕乾燥機　2.入口溫度最高40°C
※ The capacity of refrigerating is based on condition of 35°C(D.B), 24°C(W.B)
※ Application: Rapidly cooling air temperature of air compressor to below normal temperature to maintain low temperature for mold and increasing production.
※ Feature: Reducing air temperature and also dew point and temperature.
※ Advantage: Increasing blow molding production up to 30% and improving product quality.
※ Remark: 1. Matching with refrigerated air dryer. 2. Max. inlet temperature is 40°C.

風冷式散熱機組
Air Cooled Fluid Cooler

規格 SPECIFICATION / 機型 MODEL		CFC-10T	CFC-20T	CFC-30T	CFC-40T	CFC-50T
冷凍能量 REFRIGERATING CAPACITY	Kcal/H-50Hz	23900	47880	71800	95800	120800
	Kcal/H-60Hz	28730	51456	86200	115000	145000
額定電力 RATED POWER	KW	1.5	2.25	4.5	4.5	6
風扇馬力 FAN HORSEPOWER	HP	1HPx2	1HPx3	1HPx6	1HPx6	1HPx8
風扇葉片 FAN BALDE	inch	30"x2	30"x3	30"x6	30"x6	30"x8
溫度控制 TEMP. CONTROL		EILIWELL溫度控制 ELIWELL Temp. control switch				
排風量 AMOUNT OF WIND ARRANGED	CMM	280	420	830	830	1200
冷凝水流量 COOL WATER FLOW	L/min	100	180	280	380	450
冰水配管 ICE WATER FITTING PIPE	inch	1-1/2	2	2-1/2	3	3
尺寸 SIZE	cm	235x105x170	325x105x170	325x195x190	325x195x190	390x210x190

※ 冷凍能力以外氣溫度35°C(D.B)、24°C(W.B)為基準
※ 適用: 產業機械循環水冷凝散熱。適合寒帶及水質不良地區
※ 特點: 冷卻水循環，無水垢問題。保養容易，故障少，節省水費
※ The capacity of refrigerating is based on condition of 35°C(D.B), 24°C(W.B)
※ SUTIBLE: For circulating water cooling, condensation cooling using in machinery.
※ Application: Cold zone and poor water quality area.
※ Features: Water cycle without scale problem. Easy maintenance and less trouble. Saving water cost.