



### 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.



Shell-shaped evaporator, condenser

### 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

Micro-computer temperature 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

Superior performance condenser

### 不鏽鋼冰水器

Stainless steel evaporator

### 不鏽鋼膨脹水箱

Stainless steel expansion water tank

### 世界頂級品牌壓縮機 — 黑金剛、美優樂

World-class compressor – COPELAND、MANEUROP

### 安全防護措施

Comprehensive safety guards

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

# 水冷式冰水機 Water Cooled Chillers



KT-150



KT-1000



KT-2000G



KT-3000

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 TEMP	°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
電壓 POWER SUPPLY	V		3φ 220V~440V							
額定電力 RATED POWER	KW		2.6	4.5	7.1	9	12.8	16.5	21	25
壓縮機馬力 COMPRESSOR HORSEPOWER	HP		3	5	7-1/2	10	15	10HP×2	12.5HP×2	15HP×2
壓縮機型式 COMPRESSOR TYPE			全密閉式、能量控制 100% Hermetic type compressor、Capacity Control 100%					全密閉式、能量控制 50%~100% Hermetic type compressor、Capacity Control 50%~100%		
泵浦馬力 PUMP HORSEPOWER	HP		1/2	1	2			3		
冰水、冷凝水流量 ICE WATER、COOL WATER FLOW	L/min		80	120	180		200		320	
冰水壓力 COLD WATER PRESSURE	bar		1.5~2							
膨脹水箱 DILATATION WATER TANK	Liter		80		150		250		380	
冰水配管 ICE WATER FITTING PIPE	inch		1"		1-1/2"		2"		2-1/2"	
冷凝水配管 COOLING WATER FITTING PIPE	inch		1"		1-1/2"		2"		2-1/2"	
冷媒 COOLING MEDIUM	R		R22、R407C							
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 SIZE (L×W×H)	CM		90×73×116		130×82×125		177×87×138		232×93×150	
機械重量 WEIGHT	Kg		200	250	380	450	550	680	750	860

※機台型號加「E」為無水箱規格，機台型號加「D」為採用半密閉壓縮機規格。

※機台型號加「G」為高壓泵浦規格。

※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。





KT-6000E

規格 SPECIFICATION	機型 MODEL	KT-4000E	KT-5000E	KT-6000E	KT-6000A	KT-7000ED	KT-8000ED
冰水溫度 ICE WATER TEMP	°C	5~25					
冷凍能量 REFRIGERATING CAPACITY	Kcal/H-50Hz	104580	129780	154980		176666	206850
	Kcal/H-60Hz	125500	155740	185980		212000	248230
電壓 POWER SUPPLY	V	3φ 220V~440V					
額定電力 RATED POWER	KW	34	42	49		58	67
壓縮機馬力 COMPRESSOR HORSEPOWER	HP	10HP × 4	12.5HP × 4	15HP × 4	15HP × 4	35HP × 2	40HP × 2
壓縮機型式 COMPRESSOR TYPE		全密閉式、能量控制 50%~100% Hermetic type compressor、Capacity Control 50%~100%				半密閉式、能量控制 50%~100% Semi-hermetic type Compressor Capacity Control 50%~100%	
泵浦馬力 PUMP HORSEPOWER	HP	5				7-1/2	
冰水、冷凝水流量 ICE WATER、COOL WATER FLOW	L/min	480	530	580		650	800
冰水配管 ICE WATER FITTING PIPE	inch	3"				4"	
冰水壓力 COLD WATER PRESSURE	bar	1.5~2					
膨脹水箱 DILATATION WATER TANK	Liter				500		
冷凝水配管 COOLING WATER FITTING PIPE	inch	3"				4"	
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 SIZE (L×W×H)	CM	237 × 122 × 168			280 × 130 × 168		256 × 132 × 212
機械重量 WEIGHT	Kg	1000	1200	1300		1500	1700
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, Temp switch, Cold prevention switch, Reverse current switch, Flow Control switch, Refrigerant release valve.					

- ※ Machine numbers suffixed with 「E」 are not provided with water-tank ; Machine numbers suffixed with 「D」 adopts Semi-hermetic compressor.
- ※ Model numbers suffixed with "G" are employed with a high pressure pump.
- ※ 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 .

# 風冷式冰水機 Air Cooled Water Chiller



YT-120S



YT-1500S



YT-150S



YT-3000SG

規格 SPECIFICATION	機型 MODEL	YT-120S	YT-130S	YT-150S	YT-750S	YT-1000S	YT-1500S	YT-2000S	YT-2500S	YT-3000S
冰水溫度 ICE WATER TEMP	°C	5~25								
冷凍能量 REFRIGERATING CAPACITY	Kcal/H-50Hz	5040	7560	12600	18900	25200	37800	50400	63000	75600
	Kcal/H-60Hz	6048	9073	15120	22682	30242	45363	60480	75600	90720
電壓 POWER SUPPLY	V	3φ 220V~440V								
額定電力 RATED POWER	KW	2	3	5	8	10	14	18	23	27
壓縮機馬力 COMPRESSOR HORSEPOWER	HP	2	3	5	7-1/2	10	15	10×2	12.5×2	15×2
壓縮機型式 COMPRESSOR TYPE		全密閉式、能量控制 100% Hermetic type compressor、Capacity Control 100%						全密閉式、能量控制 50%~100% Hermetic type compressor、Capacity Control 50%~100%		
風扇馬力 FAN HORSEPOWER	HP	1/3HP	1/2HP×1		1/2HP×2		1HP×2		1HP×3	
風扇葉片 FAN BLADE	Inch	18"	24"		24"×2		28"×2		28"×3	
排風量 AMOUNT OF WIND ARRANGED	CMM	65	130		260		280		420	
泵浦馬力 PUMP HORSEPOWER	HP	1/2		1	2			3		
冰水、冷凝水流量 ICE WATER、COOL WATER FLOW	L/min	60	80	120	180		210		320	
冰水壓力 COLD WATER PRESSURE	bar	1.5~2								
膨脹水箱 DILATATION WATER TANK	Liter	35	70		120		200		350	
冰水配管 ICE WATER FITTING PIPE	inch	1"			1-1/2"		2"		2-1/2"	
冷媒 COOLING MEDIUM	R	R22、R407C								
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 SIZE (L×W×H)	CM	82×65×110	90×88×158		167×88×177		196×106×196		262×112×200	
機械重量 WEIGHT	Kg	150	230	280	380	450	600	800	880	980

※ 機台型號加「E」為無水箱機型，機台型號加「D」為採用半密閉壓縮機。

※ 機型加 "G" 為高壓泵浦規格。

※ 冷凍能力以外氣溫度 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。





YT-8000ED

規格 SPECIFICATION		機型 MODEL	YT-4000ED	YT-5000ED	YT-6000ED	YT-6000D	YT-7000ED	YT-8000ED	YT-100ED
冰水溫度 ICE WATER TEMP	°C		5~25						
冷凍能量 REFRIGERATING CAPACITY	Kcal/H-50Hz		100000	126000	151000	176666	201666	252500	
	Kcal/H-60Hz		120000	152000	182000	212000	242000	303000	
電壓 POWER SUPPLY	V		3φ 220V~440V						
額定電力 RATED POWER	KW		38	47	55	64	72	88.5	
壓縮機馬力 COMPRESSOR HORSEPOWER	HP		20HP × 2	25HP × 2	30HP × 2	35HP × 2	40HP × 2	50HP × 2	
壓縮機型式 COMPRESSOR TYPE			半密閉往復式、能量控制 50~100% Semi-hermetic piston type · Capacity control 50%~100%.						
風扇馬力 FAN HORSEPOWER	HP		1HP × 6	1HP × 8					
風扇葉片 FAN BLADE	Inch		28" × 6	28" × 8			30" × 8		
排風量 AMOUNT OF WIND ARRANGED	CMM		830	1100			1680		
泵浦馬力 PUMP HORSEPOWER	HP		5			7-1/2		10	
冰水、冷凝水流量 ICE WATER、COOL WATER FLOW	L/min		480	530	580	750	800	1000	
冰水壓力 COLD WATER PRESSURE	bar		1.5~2						
膨脹水箱 DILATATION WATER TANK	Liter				460				
冰水配管 ICE WATER FITTING PIPE	inch		3"				4"		
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 SIZE (L×W×H)	CM		262 × 200 × 196	348 × 200 × 196			386 × 210 × 202		
機械重量 WEIGHT	Kg		1000	1300	1500	1800	1900	2200	
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, Temp switch, Cold prevention switch, Reverse current switch, Flow control switch.						

- \* Machine numbers suffixed with 「E」 are not provided with water-tank ; Machine numbers suffixed with 「D」 adopts Semi-hermetic compressor.
- \* Model numbers suffixed with "G" are employed with a high pressure pump.
- \* 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 .