



# 超低溫水冷卻機

LOW TEMPERATURE WATER CHILLER

CLT SERIES



## 適用機械種類

- 半導體產業設備
- 低溫製程加工設備
- CMP研磨材料設備
- 實驗室低溫實驗設備
- 奈米等級電子製造及檢測設備
- 化學材料製程設備 (間接冷卻恆溫控制)

## 特性及功能

- 使用溫度範圍+5~-20°C (低溫限定: 中低溫-10~-20°C)。
- 可針對過冷飽和溶液進行恆溫控制。
- 使用特殊材質軸封循環幫浦。
- 使用SUS 304/316板式熱交換器, 提升熱交換效率。
- 使用進口零件, 強化使用可靠度。
- 具低溫冷凍迴路保護設計。

## APPLICATION

- Semi-conductor industry equipment
- Low-temperature processing equipment
- CMP grinding material equipment
- Laboratory low temperature experiment equipment
- Nano-level electronic manufacturing and testing equipment
- Chemical material processing equipment (Indirect cooling and constant temperature control)

## FEATURE

- It is used of temperature range is +5 °C~ -20 °C. (Low temperature limit: medium low temperature is -10 °C~ -20 °C.)
- It can be used to control constant temperature of super cooling and saturated solution.
- Using special material shaft seal circulation pump.
- Using SUS 304/316 plate type heat exchanger to improve heat exchange efficiency.
- Using imported parts to enhance reliability.
- It is with low temperature refrigeration circuit to protect design.

## 規格表 CLT SERIES SPECIFICATION

型式 Model		CLT-04	CLT-08	CLT-12	CLT-24	CLT-36
冷卻能力Cooling capacity	BTU/HR 50/60Hz	3200 / 4000	6400/8000	9600/12000	19200/24000	28800/36000
	KCAL/HR 50/60Hz	800 / 1000	1600/2000	2400/3000	4800/6000	7200/9000
	W 50/60Hz	940 / 1175	1875/2345	2815/3520	5630/7040	8445/10555
使用範圍 Operative range	室溫 Room temperature	5 °C ~ 45°C				
	液溫 Liquid temperature	- 20°C~ 25°C				
設定範圍 Setting range	差溫控制 Differential temperature controller	- 9.9 °C ~ 9.9°C				
	定溫控制 Constant temperature controller	- 20°C~ 25°C				
電源 Power source	V	3Ø AC220V 50/60Hz				
總負荷電流 Total load current	A	15.9	28.8	34.8	64.8	130
泵浦馬力 Pump horsepower	W	450/560	450/560	450/560	530/750	700/1060
泵浦吐出量 Pump discharge rate	l/min	16/20	16/20	24/30	24/30	40/50
水箱 Water tank	liter	52	65	65	133	133
進出口管徑 Inlet and outlet pipe-diameter	inch	1/2" x 1/2"	3/4" x 3/4"	1" x 1"	1" x 1"	1" x 1"
外型尺寸 Dimension (D x W x H)	mm	487x654x1389	736x767x1552		1270x890x1788	1350x1020x1788
總重量 Weight	kg	160	200	210	380	430
冷媒 Refrigerant	gas	R404A				

\* 能力測試數據標準點(進口溫度25°C、環境溫度35°C、60HZ) (參考值)

\* 特殊規格設計及其它電壓需求請與我聯絡

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\* Standards of capability test data: Inlet temperature: 25°C, Ambient temperature: 35°C, 60HZ. (F.Y.R)

\* If you have special specifications or need of other Voltage, please contact us.

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