



單機雙溫控單液體 (雙液體) 油冷卻機

DUAL TEMPERATURE SINGLE LIQUID (DUAL LIQUID) OIL COOLER

COD SERIES



Scan Photo AR Experience

適用機械種類

- CNC 磨床、拉床、沖床
- CNC 五軸綜合加工中心機
- CNC 綜合立、臥式加工中心機
- 各種油壓專用設備

特性及功能

- 單一冷凍迴路，複數油循環迴路，精準提供獨立流量及壓力。
- 不同液體同時溫控需求，可客製化。
- 雙基板各別針對複數迴路進行溫度控制，並可分別獨立調整需求溫度。
- 具溫度補償與預熱功能。
- 溫控精度 $\pm 0.5^{\circ}\text{C} \sim 1.5^{\circ}\text{C}$ (其他溫控精度可客製化)。
- 佔地面積節省約50%。
- 採用新型高效率環保冷媒，不污染環境。
- 整機高達95%以上材料可回收，為環保盡一份心力。

APPLICATION

- CNC grinding, broaching and punching machine
- CNC machine center (5axis)
- All kinds of oil hydraulic equipment
- CNC vertical & horizontal machine center

FEATURE

- Single refrigerant circuit is with multiple oil circuits, and it provides independent flow rate and pressure precisely.
- Different liquids can be controlled temperature at the same time, and it can be customized.
- Temperature control of Dual-PCB for each of plural circuits and it can adjust temperature individually.
- It has temperature compensation and preheated function.
- Temperature control precision is $\pm 0.5 \sim 1.5^{\circ}\text{C}$. (It can be customized of other temperature control precision.)
- Saving about 50% of floor space.
- Using high-efficiency environmental refrigerant and without pollution.
- Up-to 95% materials of machine are recyclable and eco-friendly.

規格表 COD SERIES SPECIFICATION

型式 Model		COD-04	COD-08	COD-12	COD-24	COD-36	COD-60
冷卻能力 Cooling capacity	BTU/HR 50/60Hz	3200 / 4000	6400/8000	9600/12000	19200/24000	28800/36000	48000/60000
	KCAL/HR 50/60Hz	800 / 1000	1600/2000	2400/3000	4800/6000	7200/9000	12000/15000
	W 50/60Hz	940 / 1175	1875/2345	2815/3520	5630/7040	8445/10555	14075/17595
使用範圍 Operative range	室溫 Room temperature	5 $^{\circ}\text{C} \sim 45^{\circ}\text{C}$					
	液溫 Liquid temperature	5 $^{\circ}\text{C} \sim 45^{\circ}\text{C}$					
設定範圍 Setting range	差溫控制 Differential temperature controller	-9.9 $^{\circ}\text{C} \sim 9.9^{\circ}\text{C}$					
	定溫控制 Constant temperature controller	20 $^{\circ}\text{C} \sim 40^{\circ}\text{C}$					
電源 Power source	V	3Ø AC220V 50/60Hz					
總負荷電流 Total load current	A	10	11	14	17	21	30
泵浦馬力 Pump horsepower	W	180	375	750	750	750	750
泵浦吐出量 Pump discharge rate	l/min	3.6/4.5	16/20	24/30	24/30	32/40	40/50
油箱 Oil tank	liter	20	30	45	45	74	95
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"	1-1/4" x 1-1/4"
外型尺寸 Dimension (D x W x H)	mm	487x728x1289	487x778x1389	487x778x1389	487x778x1389	736x767x1552	911x942x1654
總重量 Weight	kg	121	135	175	178	181	187
冷媒 Refrigerant	gas	R134a / R407C					

* 能力測試數據標準點(進口溫度25 $^{\circ}\text{C}$ 、環境溫度35 $^{\circ}\text{C}$ 、60HZ) (參考值)

* 特殊規格設計及其它電壓需求請與我司聯絡

* 本公司因技術需求或升級有隨時更改內容、文字、產品規格之權利，變更恕不另行通知

* Standards of capability test data: Inlet temperature: 25 $^{\circ}\text{C}$, Ambient temperature: 35 $^{\circ}\text{C}$, 60HZ. (F.Y.R)

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

* If our company has technical or upgrade requirements, we reserve right to change contents, words, and product specifications without further notice.