



# 高精度變頻式油溫冷卻機

HIGH PRECISION INVERTER OIL COOLER

COID SERIES



Scan Photo AR Experience

## 適用機械種類

- CNC磨床
- CNC龍門磨床、銑床
- CNC五軸綜合加工中心機
- CNC綜合立、臥式加工中心機
- 各種高精度溫控需求之精密機械及高速主軸

## 特性及功能

- 全系列採用變頻式壓縮機，擁有平滑式啟動，無瞬間大啟動電流特性，可節省耗電達33%以上。
- 獨家設計多功能液晶面板，提供±0.1°C溫控穩定性。
- 十五項故障保護功能，確保冷卻機正常功能運轉。
- 低發熱負載時，冷卻機低負荷運轉，兼具精準溫控及節能效益。
- 凹槽式嵌入面板設計，可降低油氣滲透入電氣控制單元。
- 採用高效率熱交換器，提升冷卻效率。
- 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 machine
- CNC double column grinding and milling machine
- CNC machine center (5-axis)
- CNC vertical & horizontal machine center
- Industries and high-precision spindles with high-speed precision requirement

## FEATURE

- Full series of inverter compressors are smooth start. There is no-start instantaneous high current and saving power more than 33%.
- Unique design of multi-function LCD panel and it's provided ±0.1°C temperature control stabilization.
- There are 15 malfunction protection functions to ensure normal function operation of cooler.
- When low heating load is happend, cooler is operation low load and combined accurate temperature control and energy saving.
- Groove recessed panel design is reducing oil mist infiltration into electrical control unit.
- Using high-efficiency heat exchanger to enhance cooling efficiency.
- Using high-efficiency environmental refrigerant and without pollution.
- Up-to 95% materials of machine are recyclable and eco-friendly.

## 規格表 COID SERIES SPECIFICATION

型式 Model		COID-04	COID-08	COID-12	COID-24	COI-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	5°C-45°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-40°C				
電源 Power source	V	3Ø AC220V 50/60Hz				
總負荷電流 Total load current	A	6	11	19	20	25
泵浦馬力 Pump horsepower	W	180	375	750	750	750
泵浦吐油量 Pump discharge rate	l/min	3.6/4.5	16/20	24/20	24/30	32/40
油箱 Oil tank	liter	20	30	45	45	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"x1"
外型尺寸 Dimension (D x W x H)	mm	487x650x1092	487x650x1092	487x778x1389	487x778x1389	736x767x1552
總重量 Weight	kg	65	102	127	168	212
冷媒 Refrigerant	gas	R410A				

\* 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)

\* 特殊規格設計及其他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°C, Ambient temperature: 35°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.