

# 冷凍式空氣乾燥機

REFRIGERATED COOLING AIR DRYER



## 適用機械種類

- 醫療機器
- 塗裝、雷射切割
- 工作機械、氣動工具機器

## 特性及功能

- 運用流速、比重等物理特性，使乾燥空氣與冷凝水完全分離，得到最佳乾燥效果。
- 最先進電流、溫度感應器監控方式，保護最周全。
- 高效率空氣熱交換器，空氣出口不結露，延長工具壽命，防止生鏽。
- 球閥型自動排水器，永不阻塞 (選配)。
- 不鏽鋼空氣管路，永不鏽蝕 (選配)。
- 兩段式熱交換器，對向逆流，最省能。
- 大管徑結構設計，減少空氣壓降損失。
- 機型規格齊全，適合各種形式空氣壓縮機。

## APPLICATION

- Medical machine
- Coating and laser cutting machine
- Mechanical pneumatic tool

## FEATURE

- It is separated dry and condensed water to get drying efficiency by flow rate & density.
- It is monitored current and temperature by state-of-the-art sensor monitoring.
- Outlet of air is without condensation by using high efficiency heat exchanger. It could extend life of tools and prevent rusting.
- It will be not clogged by automatic ball valve drainage device (Optional parts).
- Anti-rust by stainless steel air piping (Optional parts).
- Two-section heat exchanger to save energy by counter current flow.
- It is reduced air pressure drop by large diameter design.
- It's suitable for all kind of air compressor.

## 規格表 CAD SERIES SPECIFICATION

型式 Model		CAD-05A	CAD-10A	CAD-20A	CAD-30A	CAD-50A	CAD-75A	CAD-100A
適用空氣壓縮機 Air compressor	HP	0 ~ 5	5 ~ 10	10 ~ 20	20 ~ 30	30 ~ 50	50 ~ 75	75 ~ 100
壓縮空氣處理量 Compressed air volume	M <sup>3</sup> /min	0.6 ~ 0.8	1.2 ~ 1.5	2.4 ~ 2.9	3.6 ~ 4.3	6.0 ~ 7.2	9.0 ~ 11	12 ~ 14
壓縮機冷卻能力 Cooling capacity	BTU/HR	2000	3000	4000	6000	12000	18000	24000
空氣進出口管徑 Inlet and outlet pipe-diameter	inch	1/2" x 1/2"	3/4" x 3/4"	1" x 1"	1-1/2" x 1-1/2"	2" x 2"	2" x 2"	2" x 2"
消耗電力 Total consumption	KW	0.31	0.48	0.63	0.91	1.33	2	2.6
外型尺寸 Dimension (D x W x H)	mm	400x600x570	400x650x650	400x750x870	470x950x930	480x1150x1020	650x1100x1350	700x1300x1350
電源 Power source	V				1Ø AC220V 50/60Hz			
入口空氣溫度範圍 Inlet air temperature range	°C				10 ~ 65°C Max. 80°C			
環境溫度範圍 Ambient temperature range	°C				10 ~ 40°C			
使用壓縮空氣壓力 Air pressure	Kg/cm <sup>2</sup>				7			
蒸發器 Evaporator					SUS 304 不鏽鋼熱交換器/SUS 304 heat exchanger			
自動排水器 Auto drain device					浮球式 Float ball			
冷媒 Refrigerant	gas				R134a/R407C			

\* 特殊規格設計及其它電壓需求請與我司聯絡

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